

**COMPUTERISATION OF POVERTY ALLEVIATION
PROGRAMME: A CASE STUDY ABUJA MUNICIPAL AREA
COUNCIL.**

**BY
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**A PROJECT SUBMITTED TO THE DEPARTMENT OF
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DIPLOMA (P. G. D.) IN COMPUTER SCIENCE.**

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CERTIFICATION

This is to certify that this project entitled "Computerisation of Poverty Alleviation Programme" meets the requirement and regulations governing the award of Post Graduate Diploma in Computer Science of Federal University of Technology, Minna.

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DEDICATION

This project is dedicated to Almighty God and my lovely daughter.
Muizatu Oyereyi

ACKNOWLEDGEMENT

This project is completed successfully with the assistance of Almighty God the supreme being, the ever living.

The following people were instrumental for the successful completion of the course work and the project. I say thank you and God bless.

Dr. S. A. Reju (Head of Department).

My supervisor, Dr. Yomi M. Aiyesimi for your understanding and encouragement.

My Wife Aishatu and my daughter Muizatu Oyereyi,

My Sister Habibatu and Alhaji Abubakar Musa.

My good friend Mallam Kataye Akanfe

I also wish to recognise and say thank you to Barrister Abraham. N. Yisa of Summit Chambers, Minna. And also to Mr Kola Martins for their encouragement and Hospitality.

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ABSTRACT

The introduction of Poverty Alleviation Programme in Nigeria is a litmus test for the present civilian administration after usurpation of power by the military for the past two Decades.

This project covers the genesis of unemployment, the consequences, the stakeholders, the system analysis and the application of Microsoft Access to execute the programme.

CHAPTER ONE

1.1 Introduction

The Advance Learner Dictionary defines Poverty as a state of being poor. The income of the people in this state is less than such that is needed, hence, buying enough food, renting of comfortable accommodation, etc becomes a problem. Poverty can arise from:

Political instability: The inconsistencies in the socio-economic policies of successive governments is one of the major factors. This is as a result of usurpation of power from democratically elected civilian government by the Military. The Military having took-over changed the existing policies with their 'Military fiat' and hence reduce foreign investment and aids from abroad.

With the Military intervention, employment opportunities were reduced. Also were the absence of meaningful developments, such as construction of roads and bridges

War: When a country wages war with her neighbouring countries or when there is domestic war within a country, poor developments resulted. In the circumstance of war, head of a family can be lost, houses burnt, wealth as well as properties destroyed. This hitherto, brings economic in-capabilities unto the family and the family is poverty-ridden.

Corruption: Corruption of policy makers and executors is another factor that makes country poverty-ridden. In developing country like Nigeria, it is prevalent having the people in government at the same time Contractors, which not only issue jobs to themselves but also inflate contracts and executes the job poorly. In the process, money which was supposed to be spent on many projects are siphoned by the policy makers and executors on one project. This practice results in deprivation other citizens from employment

Rural Urban Drift: Migration of young school leavers and tertiary graduates from rural areas to the cities in search of white collar jobs thereby abandoning the farm work to the elderly ones is another cause of poverty. The effect of this is prostitution on the part of the females and armed robbery on the younger male folks.

1.2 Consequences of Poverty

In a country where unemployed youths are enormous the following social vices can be experienced:

Prostitution: For a young female school leavers who has attained the age of 18 years, she may find it difficult to fend for herself not to talk of her aged parents. She will be forced to move to the urban areas in search of work and in the absence of work, she will turn to hawking herself sexually so that she can feed and cloths herself. The result of this is venereal diseases, maiming, killing, etc.

Armed Robbery/Pick-Pockets: The young school leavers/graduates find it difficult to go into farming business because of misplaced priority of government. Government is not promoting farming business adequately. For instance, no Nigerian can confidently say the last time government provided implements to farmers nor loan facilities at a reduced interest rate. For some of the youths that finds their ways to the cities, they get disappointed when they could not find any job to do. The next thing they turn to do is the harassment of the innocent citizens, forcing them to surrender their hard-earned wealth, mostly at gunpoint.

Slave Labour: Slave labour is one of the social vices that poverty can cause. Because the family of the young ones in the villages cannot cater for the feeding of their wards/children, they may be forced to give them out to slave dealers who takes them to an unknown destination for labour works and prostitution.

Brain Drain: The poor state of Nigerian economy results in highly competent professionals departing the country for greener pasture mostly to countries such as USA, Britain, etc. These professionals before leaving Nigeria were not adequately remunerated, hence, they move to countries where they would be better paid.

Deregulation of the Currency: Poor economic policies such as Structural Adjustment Programme of government results in the devaluation of national currency (Naira) that makes life of average Nigerians miserable. The purchasing power of Naira became so poor to the extent that no skill or work seems appropriate. The overall effect of this is that peoples' life became dejected and worst off, the value of the wages paid does not correspond to work done.

1.3 **The Objective of Poverty Alleviation Programme**

The democratically elected Civilian government of Nigeria on assumption of office in 29th May 1999, promised to address the problem of poverty by creating jobs. To achieve this noble cause, the Government constituted a Council tagged 'National Poverty Eradication Council' under the chairmanship of the President of the Federal Republic of Nigeria, Chief Olusegun Obasanjo.

From the report of the Council's work, the objectives of the Programme were as follows:

- a. Reduction of social vices and tension in the society by removing idle hands from the street.
- b. Engagement of unemployed in direct activities as veritable means of re-inflating the economy. This will increase the purchasing power of the participants and will boost the production output of the manufacturers.
- c. To reduce urban drift through the improvement of rural communities.
- d. To stimulate economic growth through gainful employment, and
- e. Improvement on the environment.

1.4 **Programme Activities and Strategies**

To achieve the objectives of the programme, the participants and the work to do have been defined. The participants shall be unskilled and semi-skilled of both sexes. Priority would be given to women folk because bulk of them lives in villages.

As for the work activities, direct jobs have already been created in key labour-intensive areas comprising of all the under-stated; this is to mop up some of the unemployed in different parts of the country.

- 1.4.1 **Highways**: The unemployed would be assigned to maintain roads which are in deplorable conditions, by clearing the drainages, patching potholes, etc.
- 1.4.2 **Maintenance of Public Building and Hospital**: Employment under this sub-sector would be responsible for the rehabilitation of deplorable public utilities such as schools, hospitals, market stalls and office blocks.
- 1.4.3 **Environmental Sanitation**: Those employed under this sub-sector would be engaged in weeding and grass cutting along roads and streets,

beautification of parks and public buildings. The participants will execute the collection of garbage and clearing waste, dump sites/refuse disposal.

1.4.4 Protection of the Environment: Those under this category will be responsible for erosion control, afforestation and so on.

1.5 Poverty Alleviation Programme System Model

This section summarily depicts the operation of poverty alleviation programme using computer-based model. A Model is a representation of reality. Computer is useful in modelling with appropriate software, thus enhance a Co-ordinator's analytical ability and decision.

A system model for poverty alleviation programme shall therefore encompasses activities that seek to select out of many unemployed applications for the scheme and registration based on the criteria of implementation. In turn, the successful applicants now participants would be easily distributed on the job and hence, ease their administration and subsequent management. To achieve this therefore, a computer package will be acquired and customised as appropriate to the scheme.

The package shall have the following features:

- a. Production of relevant reports and responds to enquiries.
- b. Production of structured and analytical reports on participants' distribution on programme activities as set out in the implementation guidelines.
- c. It shall also reports on a combination of other variables.
- d. Easy, safekeeping and referencing of unemployed viable database profile.

Relevant data collection methods shall be involved to gather data for study to achieve the task stated above. It assured that they should provide both quantitative and qualitative amounts of data thus, accuracy in data collection that will aid in this research work is guaranteed. The software requires is a micro (Personal) computer loaded with database software and a Printer to operate it.

1.6 Scope of Study:

This project would undertake the recruitment and registration of the beneficiaries of the poverty alleviation programme in Abuja Municipal Area Council (AMAC); and thereafter establish a viable database for the programme to

facilitate proper documentation, processing, and storage/retrieval of data on the scheme.

Specifically, the database will provide reports: bio-data, employment profile, human resource utilisation, etc. The reports shall be used to compute measurement indices like fall out rate and period of employment.

1.7 **Limitation of Study**

The study will not cover payment of remuneration to the participants. Although, the participants shall be paid on a monthly allowance of three thousand and five hundred (N3,500.00) only for a period of one year, but they will not enjoy the regular condition of service as obtained in the public sector.

In addition, the photography of the participants and signature would not be included (scanned into the system). The implementation guideline, for now, does not requires this.

1.8 **Problem Definition**

The programme alleviation programme recruitment and registration is done by respective stakeholders in line with approved guidelines. The stakeholders are the Federal, State and the Local Governments' agents (Officers) who execute the programme on behalf of each tier of government.

The recruitment commenced with the issuance of Application Forms to intending unemployed persons, irrespective of their gender, age, and educational background. The form should be submitted on or before closing date as instructed by the Poverty Alleviation Programme's Office that issued the form.

The submitted form is collated for processing considering these under-mentioned factors:

- a. Number of participants: The total number of beneficiary for AMAC is 1,250 maximum.
- b. The ratio of youth to women participants is 50% each. For Adult women, 25% should be allocated. While the balance of 25% were allocated to men.
- c. Age: For unemployed youths, this should be in the bracket of 17-30. The minimum age stipulated for adult men is 31 years.

The criteria above was utilised based on data on poverty which established the majority of poor people as women and youths who are mainly job seekers. The factors afforded the programme opportunity to actually target the two groups, hence the benefactors.

Successful applicants whom will be called 'Participants' are issued Poverty Alleviation Programme Identity Card to enable them collect their allowance at the end of each month. The identity card is meant for use for a period of one year only.

To pay the participants at the end of each month, a list is produced containing the names and space for participants to endorse their signature.

At the end of payment period, fall out rate and other indices are computed to determine the interest and number of participants remaining on the scheme.

The above demonstrates procedure for recruitment, registration, documentation, processing, and production of necessary reports to administer and managing the scheme.

CHAPTER TWO

LITERATURE REVIEW

2.1 Historical Background of Poverty Alleviation Programme

One of the causes of poverty in Nigeria can be said to be the failure of Nigerian government since independence to formulate a policy towards it. There was no government in the past in Nigeria History that sees poverty as a problem. There have not been any policy formulated on poverty or development and implementation of people-oriented programme by the government in any form.

The advent of petroleum in the mid-seventy also contributed. The revenue accrued from the sales of the product was not prudently managed by government for meaningful development thus the wind-fall that supposed to be a blessing for the country appears as a 'curse'.

The ensuing political instability and inconsistencies in the socio-economic policies of successive governments that emerged serves as additional factor which led to the manifestation of high level of joblessness in Nigeria. The successive Military government was characterised with heavy corruption and looting. All sectors within this period of political instability especially in the last fifteen years experienced low growth and very low job creations. Observation of employment and poverty trends in Nigeria indicate that, without a concerted effort to tackle the problems of unemployment and underemployment, the situation could get worse. The low growth experienced in most sectors and particularly the manufacturing and agricultural sectors, has undermined employment growth.

One can therefore concludes that successive past governments were out to impoverish the people they meant to cater for.

The absence of long-term development policy in terms of creation of employment opportunities to match the workforce as being turn out by our various higher institutions of learning resulted in higher rate of unemployment, hence, labour market became saturated, poverty in large proportion becomes the phenomenon.

Until recently, when the newly elected democratic government sworn into power on May 29 1999 decided to stem the tide of this ugly development. In his inauguration speech, the President, promised to programmes to alleviate poverty and creates employment opportunities for all Nigerians.

As a result of the foregoing, the present Administration has demonstrated its commitment towards this achievement by earmarking the sum of N10 billion for the creation of 2000,000 jobs in the year 2000 alone. The desire to eradicate poverty was borne out of the conviction that the incidences of poverty and unemployment have assumed a dimension that is socially, economically and politically unacceptable. The overall situation now is that most Nigerians go hungry because they cannot afford to buy food.

2.2 **Institutional Arrangement**

The Multi-sectional nature of the poverty alleviation programme calls for effective networking of stakeholders. Therefore, for effective implementation and proper co-ordination of the poverty alleviation programme, three levels were created and are discussed in section 2.3 below.

2.3 **The Stakeholders**

The stakeholders in the programme are:

- i. National Council on Poverty Alleviation Programme.
- ii. State Committee on Poverty Alleviation
- iii. Local Government Committee

i. National Council on Poverty Alleviation Programme:

This Council composed of:

- a. The President, Federal Republic of Nigeria - Chairman
- b. The Vice-President, Federal Republic of Nigeria - Vice Chairman
- c. The Ministers of Federal Ministry of:
 - Works and Housing - National Co-ordinator;
 - Labour and Productivity;
 - Agriculture;
 - Finance;
 - Education;
 - Environment;
 - Women Affairs and Youth Development; and
 - Health.

The Ministers of all the above Ministries are members respectively.

Duties and Relationship: The Committee is to provide the policy directives and monitors the activities of both the State and Local Government Committees.

Furthermore, this Committee shall ensure transparency, accountability, accelerated programme delivery, effective feedback system, and optimal use of human and material resources.

ii. State Committee in Poverty Alleviation

This Committee was formed in each State of the Federation to avoid over-centralisation of authority, thus eliminating unnecessary bureaucracy that can impede successful delivery of the poverty alleviation programmes of activities.

The compositions of the State Committee are:

Controller, Federal Ministry of Works and Housing	-	Chairman
NYSC Director	-	Member
Federal Inspector of Education	-	Member
Federal Pay Office	-	Member
NDE State Co-ordinator	-	Member
Head of Field Monitoring Unit, Federal Ministry of Agriculture		Member
Controller, Federal Ministry of Environment	-	Member
Representatives (2) of the State Government	-	Member
State Chairman of the Nigeria Labour Congress	-	Member
One Women Leader	-	Member
Federal Health Inspector	-	Member

Duties:

The State Committee receives directive from National Council on Poverty Alleviation on policy and management of the programme.

The State Committee monitors programme activities in each state, and provide a monthly report on the programme to the National Chairman.

Relationship With Local Government:

Issue directives for recruitment of participants into the Programme and approve same; as well as providing general supervision of the exercise in all the local government of that State.

iii. Local Government Committee

This Committee will implement policies of the programme in the Local Government. The compositions of the Committee includes:

The representative of Federal Ministry of Works & Housing	-	Chairman
The District Head of the Local Government Area	-	Member
Two Religious Leader	-	Member
A Councillor Representing the Local Government	-	Member
Two Women Leaders one must be a teacher	-	Member
A Representative of State Committee from that Local Govt.	-	Member

Duties:

The Committee shall responsible for the identification and recommendation of participants for State's approval.

The Committee also supervises the implementation of the programme.

Relationship With State Committee: Provides reports regularly on the programme.

2.4 The Implementation Agency and Strategies

The Government, in consideration of the programme activities of the Poverty Alleviation Programme appointed Federal Ministry of Works and Housing as the Implementation Agency, hence, the Minister becomes the National Co-ordinator. The reason for this decision was born out of the official Gazette No 42, Volume 73 of 25th August, 1986, which among other things vested the Ministry seventeen functions amongst which are:

- a. Construction, Maintenance and Allocation of Public Buildings,
- b. Federal Highways,
- c. Pollution and other Environmental Matters,
- d. Housing Policy and Development.

As part of the strategies of implementation, functions of the other Ministries that are co-opted are spelt out. The summary of their functions is in Table 2.1 below

Table 2.1: Implementation Agencies and Responsibilities

Agency/Ministry	Responsibility
Federal Ministry of Labour and Productivity	Assistance to Secure Permanent Employment and Labour Relations.
Federal Ministry of Women Affairs	Information Dissemination and Counselling Services.
Federal Ministry of Finance	Provision of Remuneration
National Directorate of Employment	Pre-employment Orientation and further Training for Acquisition of Skills.

Periodic Monitoring and Feedback: Periodic monitoring shall cover areas as stated here-under:

- a. Attendance of the Participants
- b. Job satisfaction
- c. Problems encountered
- d. Impact assessment and
- e. Rate of job generation.

On Feedback, the National Monitoring Team shall submit to the Committee on Poverty Alleviation Programme a quarterly report on the implementation of the programme.

2.5 Significance of Computer in Poverty Alleviation Programme

The programme, from beginning spelt out the function of computer as that to assist the programme in the establishment of a viable database to facilitate proper documentation, processing and storage/retrieval of data on the scheme. The database shall facilitate computation of measurement indices like bio-data, fall out rate as well as the production of various reports for the managers of the scheme.

CHAPTER THREE

SYSTEM ANALYSIS AND DESIGN

3.1 System Methodology

This chapter discusses the methods of data collection and analysis of the data for the poverty alleviation programme. Since the research work is aimed at establishing a viable database to facilitate proper documentation, processing and storage/retrieval of the data on the Poverty Alleviation Programme using relevant data that is already collected on 'Poverty Alleviation Program' form, these data, therefore, shall be for analysis and design. The form serves as questionnaire, which in addition to other techniques like: Interview and Documents Inspection would be found appropriate and logical as analytical tools.

3.2 Methods and Source of Data Collection

The researcher relied on the following means of gathering information:

- i. Interview: This technique was used to identify objectives, problems/constraints, and procedures for the registration and selection of participants into the Poverty Alleviation Programme. The Co-ordinators and other officers of the Programme in Abuja Municipal Area Council were thus interviewed.
- ii. Questionnaire: A form titled 'Registration Form' was designed and used as questionnaire. These forms were issued to the applicants through the Zonal Heads of each zone in AMAC. The Zonal Heads co-ordinated the administration, collation and processing of the forms. The form served as data capturing instrument to enter data into computer system. The system will produce output like un-employed profile etc.

The detail procedure of selecting the population and sample size is stated in section 3.3 below.

- iii. Special Document Inspection: The only document that could be regarded as special is the 'Guidelines For The Implementation Of The Poverty Alleviation Programme' which provides regulation on the recruitment, selection and registration of participants unto the scheme. The Poverty Alleviation Programme is a new project; conceived, designed and being implemented by the present Administration.

3.3 Determination of Sample

By regulation, the Programme provided 5,000 individuals as the maximum number of participants for each State of the federation and FCT, Abuja. The balance of 15,000 shall be shared among the thickly populated cities, offered Abuja, additional 2,500 being the Federal Capital Territory. Therefore, Abuja has a contribution of 7,500 into the Scheme. The Federal Capital Territory consists of five Area Councils, one of which is Abuja Municipal Area Council (AMAC), thus, AMAC would have a share of 1,250 participants.

The figure (1,250) is distributed within five (5) Zones that AMAC is delineated to for the Scheme. In all, 55 forms were distributed, of this, 50 were returned and all were properly filled.

The sample size used for the study was determined by obtaining the forms filled by the applicants. The sample size was based on the population that is 55. The selection was done using the simple random sampling procedure.

Sample Population = 55

Sample size = $50/2 = 25$ This represent at least 50% of the population sample.

3.4 Existing System

The Poverty Alleviation Programme is a new Programme designed to eradicate poverty in Nigeria, as a result of this, there has not been any programme similar to this in the history of Nigeria, thus no existing system.

3.5 Systems Analysis

The data collected on Forms were analysed. The objectives of the Poverty Alleviation Programme system as well as problems that may be encountered were critically examined. In establishing the database as required by the Implementation Guidelines, the objectives of the Scheme is to create jobs for 200,000 unemployed persons and stimulate production within the period of one year thus,

- ◆ Immediate reduction of social vices from the streets.
- ◆ Engage the unemployed in direct activities that improves the communities
- ◆ Minimise rural urban drift.
- ◆ Beautification of the immediate environment
- ◆ Reduction in rural urban drift
- ◆ Eradication of poverty.

3.6 Feasibility Study

The feasibility study of the Programme as carried out are as stated below.

- i. Operational Feasibility: This describes the workability of the database system and its real life usage.
- ii. Technical Feasibility: This is the specification of the computer system and software with personnel needed.
- iii. Economic Feasibility: This is the financial implication.

Cost and Benefit Analysis

Hardware Purchases

Purchase of 1No. Personal Computers	100,000.00
1 No. Epson Matrix Printer	80,000.00
Computer Furniture	50,000.00
Ancillary equipment: UPS, etc.	70,000.00
Air-conditioning & other Office Equipment	<u>200,000.00</u>
Sub Total	<u>N500,000.00</u>

System Development and Training

Software Development	100,000.00
Staff Training	<u>50,000.00</u>
Sub Total	<u>N150,000.00</u>

Supplies and Other

▪ Stationery, print ribbons, diskettes	50,000.00
▪ Standby services	40,000.00
▪ Contingency costs	<u>60,000.00</u>
Sub Total	<u>N150,000.00</u>

Grand Total	<u>N800,000.00</u>
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Benefits of the Poverty Alleviation Database System

- ◆ Establishment of profile for the Poverty Alleviation Programme's Participants.
- ◆ Human resource utilisation
- ◆ Fall out rate. Interests of the programme on the Participants.
- ◆ Identification of 'programme activities' requiring additional government attention.

3.7 **System Design**

The system design phase commenced after approval of the feasibility report.. Below is the specification for output file and input respectively.

i. Output Specification

The output specification include:

- ◆ Bio-data List. This is the list of unemployed registered in AMAC for the period.
- ◆ Participants' List. The list of successful applicants chosen for the exercise. They will be involved in the Poverty Alleviation Programme in Abuja Municipal Area Council.
- ◆ Zonal List of Participants. This list states participants' names in each Zone. Example: Zone's List of Karshi/Orozo Participants.
- ◆ Special Report: In this category are the names of zonal co-ordinator and the supporting staff.

ii. File Specification

The magnetic disk medium was used for this project. Therefore, files were processed interactively.

iii. Input Specification

The input file required were:

- a. Activities. This contains the programme of PAP.
- b. Applicant's Information. This file contains the bio-data of all the applicants.
- c. Officers. This is the Co-ordinators and supporting staff details.
- d. Zone. Zones' information.

3.8 **Software Used**

It has been conceived from the beginning of the Programme to establish database containing the bio-data of the individuals for registration and subsequent selection for participation in the programme, a befitting Relational Database software, namely Microsoft Access was chosen and customised for the Project. The software is extensively used to manage, maintain and stores large amount of data. The operating system is Windows 98.

CHAPTER FOUR

SOFTWARE IMPLEMENTATION

4.1 Introduction

This chapter brings all the efforts of implementing the Poverty Alleviation Programme's Database system.

4.2 Software Acquisition

Microsoft Access relational data base software was acquired and customised. This software has capability of managing and storing large amounts of data such as applications for the Scheme. With this software, various lists to assist the Co-ordinators in discharging their duties can be provided. From the system design stage, indications of the reports' characteristics were ascertained: accuracy, timeliness, completeness, conciseness, relevance and flexibility. Above all, the reports must always meet the Users' requirement.

Adequate checks and controls were incorporated in the software to enhance quality assurance of the customised system. Also, flowchart was used for designing. The Entity-relationship diagram of all the files are in Appendix.

4.3 System Testing

The software was tested with appropriate data. Variation in any output was noted and correction effected accordingly.

4.4 Changeover

The technique adopted was direct changeover. The reasons were:

- a. The data volume for now is relatively small.
- b. To provide opportunity for participation of the staff.
- c. There is no significant office work the Officers of the Programme were doing.
- d. To adequately see and understand the extents of checks and controls in-built into the system.

4.5 Staff Training

The training was conducted in the premises of the Poverty Alleviation Programme, Abuja. Participation of staff in conversion provides a background for staff in computer training. The stage helped the staff and management to understand the importance of supplying accurate data into the system.

The following staff, namely: the Zonal Co-ordinators and their Assistants were trained first on the various output produced by the new system and its interpretation. This took two weeks. Also, two clerks were trained together for the duration of one month. This is to make provision for absence, sickness, or vacation. All necessary aids were used for training. The trainees were given opportunity to appraise the training.

4.6 **Documentation**

The documentation involves putting all paper work together for reference and subsequent future use. Three documents obtained were:

The system specification manual;

The program manual; and

The training manual, respectively.

The System Specification Manual: The following were included:

- i. Introduction.
- ii. Objectives of the system, benefits, etc.
- iii. System description: written and graphical illustration.
- iv. Detail specification of files – input, output, etc.
- v. Implementation method.

This documentation is contained in this project report.

The Program Manual: This is represented by system flowchart at the back of this project report.

The Operation Manual: The step-by-step description on how the system will be operated. This is provided below:

- i. Activate your computer loaded with Windows' 98 software.
- ii. From Windows '95 or '98 Desktop, Click the Start button on the task bar.
- iii. Click on icon labelled "Programs >" and observe the programs pull down menu display on the screen.
- iv. Click on icon labelled "Microsoft Access" having a key symbol. The mouse pointer changes and Microsoft Access appears on the desktop. Thus, the system loaded the software for you.

- v. Insert the diskette into the floppy disk drive.
- vi. From the file menu pull down, click 'open database command...'
- vii. From the Open Database Dialog box, click on floppy disk icon in "Look in" box. This lists all files available on the diskette by the left hand side of the screen.
- viii. Click on PAP System, then Open Push button. A database box appear on your screen with the title 'PAP Database System' on the title bar.

The user should choose the appropriate programme module to work on.

4.7 **System Limitation**

This Poverty Alleviation Programme Database system shall not do the following:

- i. Maintaining records on the allowances paid to the Participants.
- ii. Production of any forms of reports apart from the defined outputs except on employment of individual who understands Database Management (specifically Microsoft Access) System Software and its operation to generate various types of reports as may be required.
- iii. This system does not replace administration of Participants by various zonal co-ordinators.
- iv. It does not incorporate pictures of the participants.

All the various outputs for this system are in the Appendix.

CHAPTER FIVE

SYSTEM MAINTENANCE

5.1 System Maintenance

The changing in operational conditions of the software is termed as system maintenance. Many reasons could be responsible for this. In the case of the Poverty Alleviation Programme, changes abound because the Programme itself is a new one which will undergo series of amendments that shall ultimately affects the Programme and the participants of the scheme until the Government is satisfied.

Finally, the chapter, advice on regular conduct of post-implementation review so that alteration to the software would be legitimately acceptable.

5.2 Summary

The Poverty Alleviation Programme is a scheme conceived by the present Administration to alleviate the suffering of the masses by providing jobs for about 200, 000 Nigerians. Various programme activities ranging from potholes patching on highways, environmental sanitation, afforestation, vegetation control to maintenance of public buildings; including cleaning of hospitals and schools have been identified as the areas to mop up some of the unemployed in different parts of the country.

For government to measure the effect of this programme on tackling poverty that emanates from high unemployment in recent years, a viable database for the Programme was considered fit. Thus, proper documentation, processing, and storage or retrieval of data on the scheme can be conveniently done. With the database therefore, measurement indices like bio-data, employment profile, human resource utilisation, fall out rate, period on employment, etc can be determined.

This researcher therefore, as one of the officers in the Programme decide to put the activities of the scheme on computer, at least to demonstrate the typical database system that fit and which simultaneously, can make the implementation of the scheme smooth. Different reports were produced which in the minds of the researcher fits requirement of the scheme.

The involvement of co-officers and clerks from the beginning to the final implementation of the system arose their interest in the database system.

5.3 **Conclusion**

This project work established a viable database system for Poverty Alleviation programme for the recruitment and registration of participants in line with the requirement of the scheme to facilitate proper documentation, processing and storage as well as retrieving any information in time of needs. The developed system has potentiality of making the exercise easier such that the managers of the scheme can undertake measurement of the appropriate indexes with accurate information. Furthermore, accurate report on assessment and evaluation of the programme to establish the impact on the economic and social life of the people can be written.

In conclusion, this system has tendency to provide opportunity to incorporate technology into all facets of poverty alleviation programme as it unfold by the sponsor of the scheme, especially if supported with the right managerial expertise, thus, government can decide the sustainability of the programme.

5.3 **Recommendation**

The computerisation of Poverty Alleviation Programme has provided chance for maintaining the records of participants in the scheme as well as the unemployed profile in Abuja Municipal Area Council, Abuja.

It is believe that government will not fail to include other qualified but unemployed (graduates) so that the menace of poverty which this study established to have emanated from acute unemployment will be a thing of the past. At this juncture, the under-listed recommendations is desirable for effective performance and operation of this Poverty Alleviation Programme Recruitment and Registration Database System:

- a. Provision of adequate and regular training to the operator of the database system and encouragement of staff to undertake course on Computer Science.
- b. Sound security measures should be enforced and maintained in and around computer installation.
- c. A member of staff on higher-grade level should be trained and designated as Database Administrator to oversee the system especially when the database increases in volumes.

- d. The post-implementation review should be conducted regularly to determine satisfaction, staff feelings, output reports, systems limitations, costs, benefits, etc.
- e. Regulation should be enacted stating stiff punishment including imprisonment of any computer staff and other members of staff to forestall act of sabotage, wilful damage, etc.
- f. It is recommended to the Sponsor of Poverty Alleviation Programme to sign Contract Agreement on System Maintenance.

REFERENCES

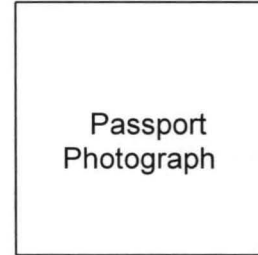
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APPENDIX

AMAC/PAP/001

**ABUJA MUNICIPAL AREA COUNCIL POVERTY
ALLEVIATION PROGRAMME**

APPLICATION FOR EMPLOYMENT



1. NAME:
2. RESIDENTIAL ADDRESS:
3. EDUCATIONAL QUALIFICATION:
4. AGE: (As at Last Birthday) SEX: (Write M for Male and F for Female)
5. SKILL ACQUIRED WHERE APPLICABLE:
6. LAST EMPLOYMENT (IF ANY):
7. GUARDIAN/REFEREE (Full Name and Address):
.....
8. ACTIVITY OF INTEREST: (State the Code, please)
(See the bottom of this Application Form for the PAP Activity that interest you) __
9. APPLICANT SIGNATURE AND DATE:

FOR OFFICIAL USE ONLY

ACTIVITY CLASS/CATEGORY:

PARTICIPANTS REGISTRATION NUMBER:

FULL NAME AND SIGNATURE OF THE OFFICER MAKING OFFER ON BEHALF
OF THE COMMITTEE:

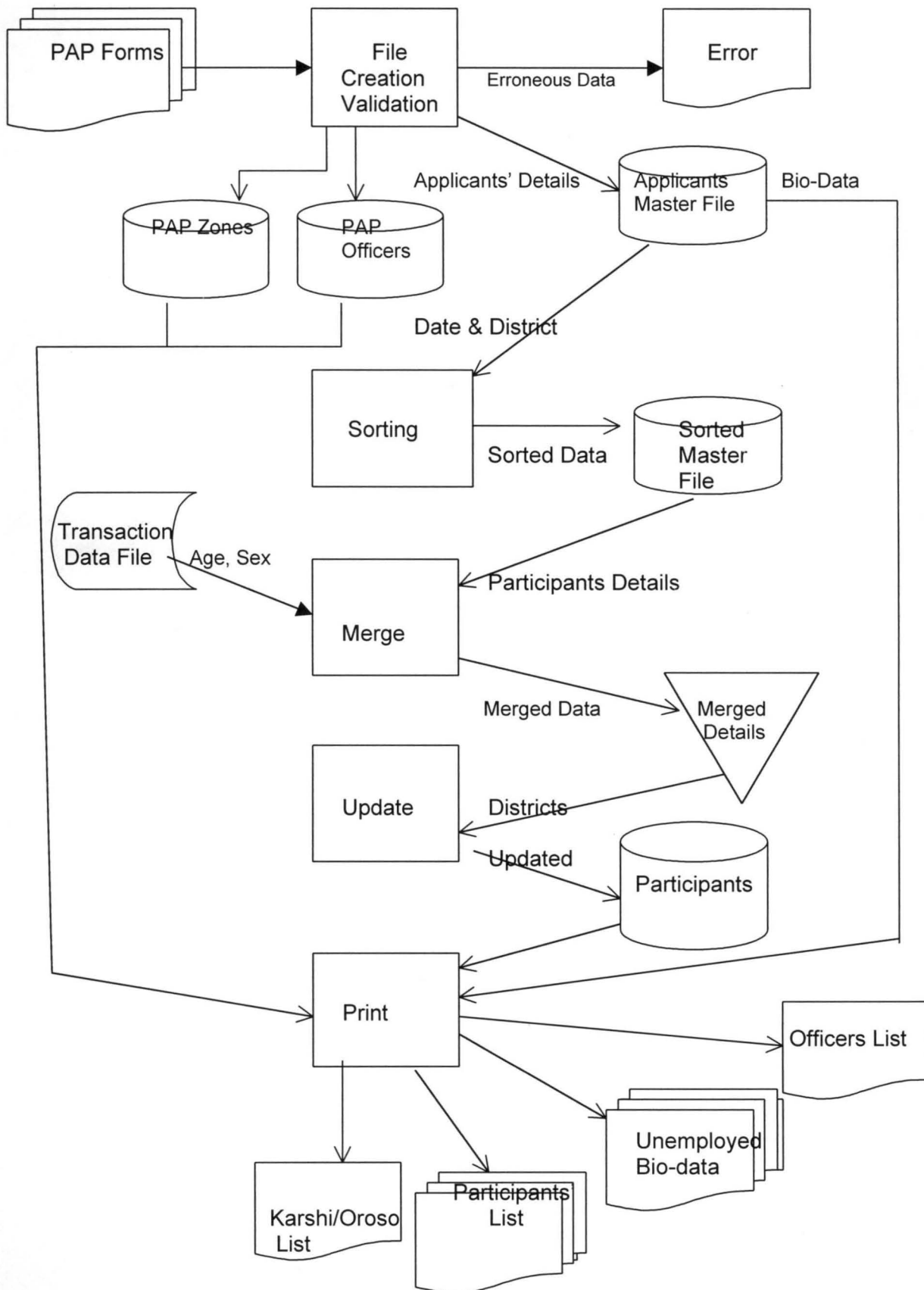
POSITION AND GRADE:

ZONE AND DISTRICT NAME:

Table of Codes For Program Activity

Activity Code	Activity Name	Activity Class/Category
100	Afforestation	Public
101	Highways	Public
200	Environmental Sanitation	Environment
201	Vegetation	Public
300	Hospital	Health Services

SYSTEM FLOWCHART



Bio-Data List of Unemployed in AMAC

Name	Residential Address	Age	Sex	District	Qualification
Abu Yusuf	14, Ibadan Road, Dutse	25	F	Gwarimpa	WASC/GCE/SSSCE
Akeji Ugbede	15, Peoples Road, Jiwa	25	M	Jiwa	WASC/GCE/SSSCE
Angelina Chime	4, Karshi Road, Kpeyegi	35	F	Kpeyegi	WASC/GCE/SSSCE
Azumi Yohana	Village House	27	F	Gwarimpa	WASC/GCE/SSSCE
Bala Markus	2, GRA Road, Kpeyegi	20	M	Ajata	WASC/GCE/SSSCE
Bashir Mahmood	2, Karmo Road, Idu	38	M	Kado	WASC/GCE/SSSCE
Bisala Baba	5, GRA Road, Orozo	24	M	Orozo	WASC/GCE/SSSCE
Bolanle Runsewe	Plot 9, Zone 2, Garki	24	F	Maitama	WASC/GCE/SSSCE
Catherine Aboje	Plot 10, Dagba Estate	28	F	Garki	WASC/GCE/SSSCE
Cordelia Okafor	Klm 1, Masamas Road.	24	F	Mpape	WASC/GCE/SSSCE
Danjuma Opi	Opi Compound.	32	M	Karshi	WASC/GCE/SSSCE
Danjuma Waya	1st Road, Ajata	22	M	Orozo	WASC/GCE/SSSCE
Danladi Jaddi	2, GRA Road, Orozo	26	M	Orozo	WASC/GCE/SSSCE
Dosumu E. A.	Flat 4, House 2, Idu.	36	F	Idu	WASC/GCE/SSSCE
Ekanem E. Eno	2, Keffi Road, Nyanya	29	M	Nyanya	WASC/GCE/SSSCE
Evans Ekeh	Gwagwa Village	44	M	Gwagwa	WASC/GCE/SSSCE
Florence Anyanwu	Klm 12, Suleja Road.	35	F	Gwagwa	WASC/GCE/SSSCE
Folusho Muhammed	Behind Chief's Palace.	28	F	Wuse	WASC/GCE/SSSCE

Name	Residential Address	Age	Sex	District	Qualification
Francis Y. Fanwa	2, PPb Road, Garki	35	M	Garki	WASC/GCE/SSSCE
Funmilayo Esan	Klm 5, Masamasa Road.	22	F	Mpape	WASC/GCE/SSSCE
Gabriel Odanwu	Area 1, Block 9, Flat 3.	38	M	Asokoro	WASC/GCE/SSSCE
Geogenia Jubrin	Klm 7, Kubwa Road.	40	F	Gwagwa	WASC/GCE/SSSCE
Goje Tando	10, Palace Road, Kpeyigi	25	M	Kpeyegi	WASC/GCE/SSSCE
Hauwa Abah	2, Hospital Road, Garki	30	F	Garki	WASC/GCE/SSSCE
Ilesanmi Bolanle	2, Kasuwa Road, Karmo	42	F	Karmo	WASC/GCE/SSSCE
Ismaila Abdullahi	karmo Road, idu	31	M	Idu	WASC/GCE/SSSCE
Istifanus Tankimu	5, Gura Close, Jikwoyi	31	M	Jikwoyi	WASC/GCE/SSSCE
jachebed Atiyong	2, Kasuwa Road, Jikwoyi	34	F	Jikwoyi	WASC/GCE/SSSCE
John Oluponmile	Block 2, Minister Hill	50	M	Garki	WASC/GCE/SSSCE
Josephine Imasun	Gwagwa Road, Old Karmo	39	F	Karmo	WASC/GCE/SSSCE
Justina Ede	22, Michael Road, Jiwa	22	F	Jiwa	WASC/GCE/SSSCE
Kakka Kaka	Chief's Palace	26	M	Orozo	WASC/GCE/SSSCE
Kende Kaura	Jikwoyi Market Square	32	F	Jikwoyi	WASC/GCE/SSSCE
Kola Aboderin	Gwaga Village.	45	M	Gwagwa	WASC/GCE/SSSCE
Lateef Ajagbe	10, PPB Road, Garki.	45	F	Garki	WASC/GCE/SSSCE
Margaret Polit	Plot 27, Nyanya Estate.	31	F	Nyanya	WASC/GCE/SSSCE
Mary Ahmed	Shop 4, garki Market.	32	F	Asokoro	WASC/GCE/SSSCE
Michael Ogah	10, Ajayi Crescent, Karmo	26	M	Karmo	WASC/GCE/SSSCE

Name	Residential Address	Age	Sex	District	Qualification
Mike Maikumo	17, Karu Road, Karu	25	M	Karu	WASC/GCE/SSSCE
Omo Omokpo	Omokpo Compound.	32	M	Karshi	WASC/GCE/SSSCE
Rose Jonathan	4, Funtua Close.	36	F	Wuse	WASC/GCE/SSSCE
Rufus Aye	Market House	39	M	Jiwa	WASC/GCE/SSSCE
Safurat Isah	13, GRA House.	35	F	Wuse	WASC/GCE/SSSCE
Saraya Christopher	1st Road, Garki Village	35	F	Garki	WASC/GCE/SSSCE
Sussana Michael	15, Kasuwa Road, Jikwoyi	20	F	Jikwoyi	WASC/GCE/SSSCE
Tajudeen Shuaibu	Airport Road, Idu	45	M	Kado	WASC/GCE/SSSCE
Tola Hundia	Chief's Palace.	34	F	Jiwa	WASC/GCE/SSSCE
Tsa Dennis	13, Keffi Road, Nyanya	30	M	Nyanya	WASC/GCE/SSSCE
Ugbor Ebere	Plot 5, Zone 1, Wuse	22	F	Maitama	WASC/GCE/SSSCE
Unice Alozie	3, Alex Crescent, Karu	31	F	Karu	WASC/GCE/SSSCE
Usman Orako	Block 1, GRA Karshi	33	M	Karshi	WASC/GCE/SSSCE
Victoria Iliya	Klm 2, Abaji Road, Ajata.	31	F	Kpeyegi	WASC/GCE/SSSCE
Victoria Odiba	Plot 9, Nyanya Estate	31	F	Nyanya	WASC/GCE/SSSCE
Yakubu Jezhi	10, Kasuwa Road, Jikwoyi	40	M	Jikwoyi	WASC/GCE/SSSCE
Yusuf Danfulani	24, Airpor Road, Karmo	48	M	Karmo	WASC/GCE/SSSCE

Karshi/Orozo Zone Participants' List

Name	District	Residential Address	Age	Sex	ActivityName	Activity Class
Angelina Chime	Kpeyegi	4, Karshi Road, Kpeyegi	35	F	Hospital	Health Services
Bala Markus	Ajata	2, GRA Road, Kpeyigi	20	M	Afforestation	Public
Bisala Baba	Orozo	5, GRA Road, Orozo	24	M	Highways	Public
Danjuma Opi	Karshi	Opi Compound.	32	M	Highways	Public
Danjuma Waya	Orozo	1st Road, Ajata	22	M	Vegetation	Environment
Danladi Jaddi	Orozo	2, GRA Road, Orozo	26	M	Afforestation	Public
Goje Tando	Kpeyegi	10, Palace Road, Kpeyigi	25	M	Hospital	Health Services
Kakka Kaka	Orozo	Chief's Palace	26	M	Environmental Sanitation	Environment
Omo Omokpo	Karshi	Omokpo Compound.	32	M	Environmental Sanitation	Environment
Usman Orako	Karshi	Block 1, GRA Karshi	33	M	Vegetation	Environment
Victoria Iliya	Kpeyegi	Klm 2, Abaji Road, Ajata.	31	F	Highways	Public

PAP Participants List

Name	Residential Address	Age	Sex	District	Qualification	ActivityName
Abu Yusuf	14, Ibadan Road, Dutse	25	F	Gwarimpa	WASC/GCE/SSSCE	Highways
Akeji Ugbede	15, Peoples Road, Jiwa	25	M	Jiwa	WASC/GCE/SSSCE	Environmental Sanitation
Angelina Chime	4, Karshi Road, Kpeyegi	35	F	Kpeyegi	WASC/GCE/SSSCE	Hospital
Azumi Yohana	Village House	27	F	Gwarimpa	WASC/GCE/SSSCE	Afforestation
Bala Markus	2, GRA Road, Kpeyigi	20	M	Ajata	WASC/GCE/SSSCE	Afforestation
Bashir Mahmood	2, Karmo Road, Idu	38	M	Kado	WASC/GCE/SSSCE	Highways
Bisala Baba	5, GRA Road, Orozo	24	M	Orozo	WASC/GCE/SSSCE	Highways
Bolanle Runsewe	Plot 9, Zone 2, Garki	24	F	Maitama	WASC/GCE/SSSCE	Highways
Catherine Aboje	Plot 10, Dagba Estate	28	F	Garki	WASC/GCE/SSSCE	Hospital
Cordelia Okafor	Klm 1, Masamas Road.	24	F	Mpape	WASC/GCE/SSSCE	Environmental Sanitation
Danjuma Opi	Opi Compound.	32	M	Karshi	WASC/GCE/SSSCE	Highways
Danjuma Waya	1st Road, Ajata	22	M	Orozo	WASC/GCE/SSSCE	Vegetation
Danladi Jaddi	2, GRA Road, Orozo	26	M	Orozo	WASC/GCE/SSSCE	Afforestation
Dosumu E. A.	Flat 4, House 2, Idu.	36	F	Idu	WASC/GCE/SSSCE	Environmental Sanitation
Ekanem E. Eno	2, Keffi Road, Nyanya	29	M	Nyanya	WASC/GCE/SSSCE	Afforestation
Evans Ekeh	Gwagwa Village	44	M	Gwagwa	WASC/GCE/SSSCE	Hospital
Florence Anyanwu	Klm 12, Suleja Road.	35	F	Gwagwa	WASC/GCE/SSSCE	Highways
Folusho Muhammed	Behind Chief's Palace.	28	F	Wuse	WASC/GCE/SSSCE	Vegetation

Name	Residential Address	Age	Sex	District	Qualification	ActivityName
Francis Y. Fanwa	2, PPb Road, Garki	35	M	Garki	WASC/GCE/SSSCE	Afforestation
Funmilayo Esan	Klm 5, Masamasa Road.	22	F	Mpape	WASC/GCE/SSSCE	Hospital
Gabriel Odanwu	Area 1, Block 9, Flat 3.	38	M	Asokoro	WASC/GCE/SSSCE	Highways
Geogenia Jubrin	Klm 7, Kubwa Road.	40	F	Gwagwa	WASC/GCE/SSSCE	Hospital
Goje Tando	10, Palace Road, Kpeyigi	25	M	Kpeyigi	WASC/GCE/SSSCE	Hospital
Hauwa Abah	2, Hospital Road, Garki	30	F	Garki	WASC/GCE/SSSCE	Environmental Sanitation
Ilesanmi Bolanle	2, Kasuwa Road, Karmo	42	F	Karmo	WASC/GCE/SSSCE	Hospital
Ismaila Abdullahi	karmo Road, idu	31	M	Idu	WASC/GCE/SSSCE	Vegetation
Istifanus Tankimu	5, Gura Close, Jikwoyi	31	M	Jikwoyi	WASC/GCE/SSSCE	Vegetation
jachebed Atiyong	2, Kasuwa Road, Jikwoyi	34	F	Jikwoyi	WASC/GCE/SSSCE	Hospital
John Oluponmile	Block 2, Minister Hill	50	M	Garki	WASC/GCE/SSSCE	Environmental Sanitation
Josephine Imasun	Gwagwa Road, Old Karm	39	F	Karmo	WASC/GCE/SSSCE	Afforestation
Justina Ede	22, Michael Road, Jiwa	22	F	Jiwa	WASC/GCE/SSSCE	Afforestation
Kakka Kaka	Chief's Palace	26	M	Orozo	WASC/GCE/SSSCE	Environmental Sanitation
Kende Kaura	Jikwoyi Market Square	32	F	Jikwoyi	WASC/GCE/SSSCE	Afforestation
Kola Aboderin	Gwaga Village.	45	M	Gwagwa	WASC/GCE/SSSCE	Hospital
Lateef Ajagbe	10, PPB Road, Garki.	45	F	Garki	WASC/GCE/SSSCE	Afforestation
Margaret Polit	Plot 27, Nyanya Estate.	31	F	Nyanya	WASC/GCE/SSSCE	Highways
Mary Ahmed	Shop 4, garki Market.	32	F	Asokoro	WASC/GCE/SSSCE	Vegetation
Michael Ogah	10, Ajayi Crescent, Karm	26	M	Karmo	WASC/GCE/SSSCE	Highways

Name	Residential Address	Age	Sex	District	Qualification	ActivityName
Mike Maikumo	17, Karu Road, Karu	25	M	Karu	WASC/GCE/SSSCE	Afforestation
Omo Omokpo	Omokpo Compound.	32	M	Karshi	WASC/GCE/SSSCE	Environmental Sanitation
Rose Jonathan	4, Funtua Close.	36	F	Wuse	WASC/GCE/SSSCE	Afforestation
Rufus Aye	Market House	39	M	Jiwa	WASC/GCE/SSSCE	Vegetation
Safurat Isah	13, GRA House.	35	F	Wuse	WASC/GCE/SSSCE	Highways
Saraya Christopher	1st Road, Garki Village	35	F	Garki	WASC/GCE/SSSCE	Hospital
Sussana Michael	15, Kasuwa Road, Jikwoy	20	F	Jikwoyi	WASC/GCE/SSSCE	Environmental Sanitation
Tajudeen Shuaibu	Airport Road, Idu	45	M	Kado	WASC/GCE/SSSCE	Afforestation
Tola Hundia	Chief's Palace.	34	F	Jiwa	WASC/GCE/SSSCE	Environmental Sanitation
Tsa Dennis	13, Keffi Road, Nyanya	30	M	Nyanya	WASC/GCE/SSSCE	Highways
Ugbor Ebere	Plot 5, Zone 1, Wuse	22	F	Maitama	WASC/GCE/SSSCE	Environmental Sanitation
Unice Alozie	3, Alex Crescent, Karu	31	F	Karu	WASC/GCE/SSSCE	Environmental Sanitation
Usman Orako	Block 1, GRA Karshi	33	M	Karshi	WASC/GCE/SSSCE	Vegetation
Victoria Iliya	Klm 2, Abaji Road, Ajata.	31	F	Kpeyegi	WASC/GCE/SSSCE	Highways
Victoria Odiba	Plot 9, Nyanya Estate	31	F	Nyanya	WASC/GCE/SSSCE	Hospital
Yakubu Jezhi	10, Kasuwa Road, Jikwoy	40	M	Jikwoyi	WASC/GCE/SSSCE	Hospital
Yusuf Danfulani	24, Airpor Road, Karmo	48	M	Karmo	WASC/GCE/SSSCE	Hospital

PAP Staff Zonal Report

ZoneName	StaffId	Program Activity	Program Category	Name	Sex	Position	Grade
Garki/City Centre							
	2	Afforestation	Public	Alhassan Abubakir	M	Snr. Surveyor	10
	3	Highways	Public	AbdulKareem Jimoh	M	AO II	8
Jiwa/Gwagwa							
	4	Afforestation	Public	Hassana Ibrahim	F	AEO	7
	5	Environmental Sanitation	Environment	Chukwuemeka Godwin	M	Snr. Surveyor	10
Karshi/Orozo							
	6	Vegetation	Environment	Hajara Mohammed	F	Snr. Surveyor	10
	7	Vegetation	Environment	Muazu Alhaji	M	AO II	8
Nyanya/Karu/Jikwoyi							
	8	Hospital	Health Services	Musa Adams	M	Snr. Surveyor	10
	9	Hospital	Health Services	John Adewale	M	AEO	7

```
close all
set path to c:\pap
set date to brit
open database pap
select 1
use appinfo order app_id
select 2
use zone order zone_code
select 3
use act order act_code
```

```
public accessmode, gotfocustime, mapp_id, mapp_name, mres_add, medu_qual, mapp_a
    msex, mskill, ml_emp, mact_int, mref_name, mref_add, mapp_date, mzone_code;
    mzone_name, mdistrict, mact_code, mact_name

public capp_id, capp_name, cres_add, cedu_qual, capp_age;
    csex, cskill, cl_emp, cact_int, cref_name, cref_add, capp_date, czone_code;
    czone_name, cdistrict, cact_code, cact_name
```

```
accessmode = 0
gotfocustime = 1
store "" to mapp_id, mapp_name, mres_add, medu_qual
mapp_age = 0
mact_int = 0
mzone_code = 0
mact_code = 0
store "" to msex, mskill, ml_emp, mref_name, mref_add
mapp_date = { / / }
store "" to mzone_name, mdistrict, mact_name
```

```
store "" to capp_id, capp_name, cres_add, cedu_qual
capp_age = 0
cact_int = 0
czone_code = 0
cact_code = 0
store "" to csex, cskill, cl_emp, cref_name, cref_add
capp_date = { / / }
store "" to czone_name, cdistrict, cact_name
```

```
thisform.txtapp_id.enabled = .f.
thisform.txtapp_name.enabled = .f.
thisform.edres_add.enabled = .f.
thisform.txtedu_qual.enabled = .f.
thisform.txtapp_age.enabled = .f.
thisform.cbosex.enabled = .f.
thisform.txtl_emp.enabled = .f.
thisform.txtskill.enabled = .f.
thisform.txtact_int.enabled = .f.
thisform.txtref_name.enabled = .f.
thisform.edref_add.enabled = .f.
thisform.txtapp_date.enabled = .f.
thisform.txtdistrict.enabled = .f.
thisform.txtzone_code.enabled = .f.
thisform.txtzone_name.enabled = .f.
thisform.txtact_name.enabled = .f.
```

```
thisform.cbosex.Additem("Male")
thisform.cbosex.Additem("Female")
thisform.cbosex.listindex = 1
```



```
SET SAFETY ON
mact_int = thisform.txtact_int.value
select 3
seek mact_int
if found()
    thisform.txtact_name.value = act_name
else
    resp = messagebox("Invalid Activity code please! ",16,"ERROR")
    thisform.txtact_int.value = 0
    thisform.txtref_name.value = ""
    thisform.txtref_name.setfocus
endif
```

accessmode = 1

thisform.cmdsearch.enabled = .f.

thisform.txtapp_id.enabled = .t.

thisform.txtapp_name.enabled = .t.

thisform.edres_add.enabled = .t.

thisform.txtedu_qual.enabled = .t.

thisform.txtapp_age.enabled = .t.

thisform.cbosex.enabled = .t.

thisform.txtl_emp.enabled = .t.

thisform.txtskill.enabled = .t.

thisform.txtact_int.enabled = .t.

thisform.txtref_name.enabled = .t.

thisform.edref_add.enabled = .t.

thisform.txtapp_date.enabled = .t.

thisform.txtdistrict.enabled = .t.

thisform.txtzone_code.enabled = .t.

thisform.txtzone_name.enabled = .f.

thisform.txtact_name.enabled = .f.

thisform.cmdnew.enabled = .f.

thisform.cmdsave.enabled = .t.

**

thisform.txtapp_id.value = ""

thisform.txtapp_name.value = ""

thisform.edres_add.value = ""

thisform.txtedu_qual.value = "WASC/GCE/SSCE"

thisform.txtapp_age.value = 0

thisform.cbosex.value = ""

thisform.txtl_emp.value = ""

thisform.txtskill.value = ""

thisform.txtact_int.value = 0

thisform.txtref_name.value = ""

thisform.edref_add.value = ""

thisform.txtapp_date.value = { / / }

thisform.txtdistrict.value = ""

thisform.txtzone_code.value = 0

thisform.txtzone_name.value = ""

thisform.txtact_name.value = ""

thisform.txtapp_id.setFocus

accessmode = 2

```
thisform.txtapp_id.enabled = .t.  
thisform.txtapp_name.enabled = .t.  
thisform.edres_add.enabled = .t.  
thisform.txtedu_qual.enabled = .t.  
thisform.txtapp_age.enabled = .t.  
thisform.cbosex.enabled = .t.  
thisform.txtl_emp.enabled = .t.  
thisform.txtskill.enabled = .t.  
thisform.txtact_int.enabled = .t.  
thisform.txtref_name.enabled = .t.  
thisform.edref_add.enabled = .t.  
thisform.txtapp_date.enabled = .t.  
thisform.txtdistrict.enabled = .t.  
thisform.txtzone_code.enabled = .t.  
thisform.txtzone_name.enabled = .f.  
thisform.txtact_name.enabled = .f.
```

```
thisform.cmdmodify.enabled = .f.  
thisform.cmdnew.enabled = .f.  
thisform.cmdsave.enabled = .t.  
thisform.cmdsearch.enabled = .t.
```

**

```
thisform.txtapp_id.value = ""  
thisform.txtapp_name.value = ""  
thisform.edres_add.value = ""  
thisform.txtedu_qual.value = "WASC/GCE/SSCE"  
thisform.txtapp_age.value = 0  
thisform.cbosex.value = ""  
thisform.txtl_emp.value = ""  
thisform.txtskill.value = ""  
thisform.txtact_int.value = 0  
thisform.txtref_name.value = ""  
thisform.edref_add.value = ""  
thisform.txtapp_date.value = { / / }  
thisform.txtdistrict.value = ""  
thisform.txtzone_code.value = 0  
thisform.txtzone_name.value = ""  
thisform.txtact_name.value = ""
```

```
thisform.txtapp_id.setfocus
```

```
accessmode = 3
```

```
if thisform.cmddelete.caption <> "Confirm Delete"  
    thisform.cmddelete.caption = "Confirm Delete"  
    thisform.cmddelete.fontsize = 7
```

```
thisform.txtapp_id.enabled = .t.  
thisform.txtapp_name.enabled = .t.  
thisform.edres_add.enabled = .t.  
thisform.txtedu_qual.enabled = .t.  
thisform.txtapp_age.enabled = .t.  
thisform.cbosex.enabled = .t.  
thisform.txtl_emp.enabled = .t.  
thisform.txtskill.enabled = .t.  
thisform.txtact_int.enabled = .t.  
thisform.txtref_name.enabled = .t.  
thisform.edref_add.enabled = .t.  
thisform.txtapp_date.enabled = .t.  
thisform.txtdistrict.enabled = .t.  
thisform.txtzone_code.enabled = .t.  
thisform.txtzone_name.enabled = .f.  
thisform.txtact_name.enabled = .f.
```

```
thisform.cmdsearch.enabled = .t.
```

```
**
```

```
thisform.txtapp_id.value = ""  
thisform.txtapp_name.value = ""  
thisform.edres_add.value = ""  
thisform.txtedu_qual.value = "WASC/GCE/SSCE"  
thisform.txtapp_age.value = 0  
thisform.cbosex.value = ""  
thisform.txtl_emp.value = ""  
thisform.txtskill.value = ""  
thisform.txtact_int.value = 0  
thisform.txtref_name.value = ""  
thisform.edref_add.value = ""  
thisform.txtapp_date.value = { / / }  
thisform.txtdistrict.value = ""  
thisform.txtzone_code.value = 0  
thisform.txtzone_name.value = ""  
thisform.txtact_name.value = ""
```

```
thisform.cmdsave.enabled = .f.
```

```
else
```

```
    resp = messagebox("This record is about to be removed from disk(delete), c  
with the delete operation? ", 1+32+256, "Confirm delete")
```

```
    if resp = 1 && OK
```

```
        select 1
```

```
        mapp_id = trim(thisform.txtapp_id.value)
```

```
        seek mapp_id
```

```
        if found()
```

```
            delete
```

```
            pack
```

```
            resp = messagebox("This record has been deleted. ", 64, "Delete")
```

```
        else
```

```
            resp = messagebox("Deletion operation failed, Access denied", 16, "
```

```
    endif
```

```
thisform.cmddelete.caption = "\<Delete"
```

```
thisform.cmddelete.fontsize = 9
```

```
thisform.cmdsearch.enabled = .f.
```

```
thisform.txtapp_id.value = ""
thisform.txtapp_name.value = ""
thisform.edres_add.value = ""
thisform.txtedu_qual.value = "WASC/GCE/SSCE"
thisform.txtapp_age.value = 0
thisform.cbosex.value = ""
thisform.txtl_emp.value = ""
thisform.txtskill.value = ""
thisform.txtact_int.value = 0
thisform.txtref_name.value = ""
thisform.edref_add.value = ""
thisform.txtapp_date.value = { / / }
thisform.txtdistrict.value = ""
thisform.txtzone_code.value = 0
thisform.txtzone_name.value = ""
thisform.txtact_name.value = ""
```

```
thisform.txtapp_id.enabled = .f.
thisform.txtapp_name.enabled = .f.
thisform.edres_add.enabled = .f.
thisform.txtedu_qual.enabled = .f.
thisform.txtapp_age.enabled = .f.
thisform.cbosex.enabled = .f.
thisform.txtl_emp.enabled = .f.
thisform.txtskill.enabled = .f.
thisform.txtact_int.enabled = .f.
thisform.txtref_name.enabled = .f.
thisform.edref_add.enabled = .f.
thisform.txtapp_date.enabled = .f.
thisform.txtdistrict.enabled = .f.
thisform.txtzone_code.enabled = .f.
thisform.txtzone_name.enabled = .f.
thisform.txtact_name.enabled = .f.
```

```
endif
endif
```

```
select 1
mapp_id = trim(thisform.txtapp_id.value)
mapp_name = trim(thisform.txtapp_name.value)
mres_add = trim(thisform.edres_add.value)
medu_qual = trim(thisform.txtedu_qual.value)
mapp_age = thisform.txtapp_age.value
msex = trim(thisform.cbosex.value)
mskill = trim(thisform.txtskill.value)
ml_emp = trim(thisform.txtl_emp.value)
mact_int = thisform.txtact_int.value
mref_name = trim(thisform.txtref_name.value)
mref_add = trim(thisform.edref_add.value)
mapp_date = thisform.txtapp_date
mzone_name = trim(thisform.txtzone_name.value)
mzone_code = thisform.txtzone_code.value
mdistrict = trim(thisform.txtdistrict.value)
```

```
resp = messagebox("This Record Entry is about to be saved. Continue with Saving Ope  
,1+32+256,"Confirm Save")
```

```
if resp = 1 && OK
```

```
Do case
```

```
case len(mapp_id) = 0
```

```
resp= messagebox("Applicant ID must be specified please! ",16,"ERROR")
```

```
case len(mapp_name) = 0
```

```
resp= messagebox("Applicant Name must be specified please! ",16,"ERROR")
```

```
case len(mres_add) = 0
```

```
resp= messagebox("Applicant Address must be specified please! ",16,"ERROR")
```

```
case len(medu_qual) = 0
```

```
resp= messagebox("Applicant Educational Qualification must be specified ple  
16,"ERROR")
```

```
case mapp_age = 0
```

```
resp= messagebox("Applicant Age must be specified please! ",16,"ERROR")
```

```
case len(mdistrict) = 0
```

```
resp= messagebox("Applicant Distric must be specified please! ",16,"ERROR")
```

```
case mzone_code = 0
```

```
resp= messagebox("Applicant Zone Code must be specified please! ",16,"ERRO")
```

```
case len(mref_name) = 0
```

```
resp= messagebox("Applicant Referee must be specified please! ",16,"ERROR")
```

```
case len(msex) = 0
```

```
resp= messagebox("Applicant Sex must be specified please! ",16,"ERROR")
```

```
case accessmode = 1
```

```
seek mapp_id
```

```
if found()
```

```
resp = messagebox("Duplicate Applicant ID not allowed please! ",16,"ERROR")
```

```
else
```

```
append blank
```

```
replace app_id with mapp_id
```

```
replace app_name with mapp_name
```

```
replace res_add with mres_add
```

```
replace edu_qual with medu_qual
```

```
replace app_age with mapp_age
```

```
replace sex with msex
```

```
replace skill with mskill
```

```
replace l_emp with ml_emp
```

```
replace act_int with mact_int
```

```
replace ref_name with mref_name
```

```
replace ref_add with mref_add
```

```
replace app_date with mapp_date
```

```
replace zone_name with mzone_name
```

```
replace zone_code with mzone_code
```

```
replace district with mdistrict
```

```
    thisform.cmdnew.enabled = .t.  
    thisform.cmdsave.enabled = .f.  
    thisform.cmdsearch.enabled = .f.  
endif
```

```
case accessmode = 2
```

```
seek mapp_id
```

```
if found()
```

```
    replace app_id with mapp_id  
    replace app_name with mapp_name  
    replace res_add with mres_add  
    replace edu_qual with medu_qual  
    replace app_age with mapp_age  
    replace sex with msex  
    replace skill with mskill  
    replace l_emp with ml_emp  
    replace act_int with mact_int  
    replace ref_name with mref_name  
    replace ref_add with mref_add  
    replace app_date with mapp_date  
    replace zone_name with mzone_name  
    replace zone_code with mzone_code  
    replace district with mdistrict
```

```
    resp = messagebox("This record entry has been successfully saved. ",64,"Sa  
ls")
```

```
    thisform.cmdnew.enabled = .t.  
    thisform.cmdsave.enabled = .f.  
    thisform.cmdsearch.enabled = .f.  
    thisform.cmdmodify.enabled = .t.
```

```
else
```

```
    resp = messagebox("Saving operation failed, Access Denied ! ! ! ",16,"ERROF
```

```
endif
```

```
endcase
```

```
&& else if resp = 2 i.e. Cancel
```

```
endif
```

release mapp_id,mapp_name,mres_add,medu_qual,mapp_age;
msex,mskill,m1_emp,mact_int,mref_name,mref_add,mapp_date,mzone_code;
mzone_name,mdistrict,mact_code,mact_name

release capp_id,capp_name,cres_add,cedu_qual,capp_age;
csex,cskill,c1_emp,cact_int,cref_name,cref_add,capp_date,czone_code;
czone_name,cdistrict,cact_code,cact_name

thisform.Release


```
* initialization section of frmstaff(staff / officers)
close all
set path to c:\pap
set date to brit
open database pap
select 1
use officers order staff_id
select 2
use zone order zone_code
select 3
use act order act_code

public accessmode, gotfocustime,mstaff_id,mzone_code,mzone_name;
       mact_code,mact_name,mact_class,mstaff_name,mstaff_add,mdesignation;
       mgrade,msex

public cstaff_id,czone_code,czone_name;
       cact_code,cact_name,cact_class,cstaff_name,cstaff_add,cdesignation;
       cgrade,csex

accessmode = 0
gotfocustime = 1
store "" to mstaff_id,mzone_name,mstaff_name,mstaff_add,mdesignation,msex
store "" to mzone_name, mact_name
mzone_code = 0
mact_code = 0

store "" to cstaff_id,czone_name,cstaff_name,cstaff_add,cdesignation,csex
store "" to czone_name, cact_name
czone_code = 0
cact_code = 0

thisform.txtstaff_id.enabled = .f.
thisform.txtstaff_name.enabled = .f.
thisform.edstaff_add.enabled = .f.
thisform.txtgrade.enabled = .f.
thisform.cbosex.enabled = .f.
thisform.txtact_code.enabled = .f.
thisform.txtact_name.enabled = .f.
thisform.txtzone_code.enabled = .f.
thisform.txtzone_name.enabled = .f.
thisform.txtdesignation.enabled = .f.

thisform.cbosex.Additem("Male")
thisform.cbosex.Additem("Female")
thisform.cbosex.listindex = 1
```

```
SET SAFETY ON
mzone_code = thisform.txtzone_code.value
select 2
seek mzone_code
if found()
    thisform.txtzone_name.value = zone_name
else
    resp = messagebox("Invalid Zone code please! ",16,"ERROR")
    thisform.txtzone_code.value = 0
    thisform.txtdesignation.value = ""
    thisform.txtdesignation.setfocus
endif
```

```
SET SAFETY ON
mact_code = thisform.txtact_code.value
select 3
seek mact_code
if found()
    thisform.txtact_name.value = act_name
else
    resp = messagebox("Invalid Activity code please! ",16,"ERROR")
    thisform.txtact_code.value = 0
    thisform.txtgrade.value = 0
    thisform.txtgrade.setfocus
endif
```

accessmode = 1

thisform.txtstaff_id.enabled = .t.
thisform.txtstaff_name.enabled = .t.
thisform.edstaff_add.enabled = .t.
thisform.txtgrade.enabled = .t.
thisform.cbosex.enabled = .t.
thisform.txtact_code.enabled = .t.
thisform.txtact_name.enabled = .f.
thisform.txtzone_code.enabled = .t.
thisform.txtzone_name.enabled = .f.
thisform.txtdesignation.enabled = .t.

**

thisform.cmdsave.enabled = .t.
thisform.cmdnew.enabled = .f.
thisform.cmdsearch.enabled = .f.
thisform.cmdmodify.enabled = .f.
thisform.cmddelete.enabled = .f.

thisform.txtstaff_id.value = ""
thisform.txtstaff_name.value = ""
thisform.edstaff_add.value = ""
thisform.txtgrade.value = 0
thisform.cbosex.value = ""
thisform.txtact_code.value = 0
thisform.txtact_name.value = ""
thisform.txtzone_code.value = 0
thisform.txtzone_name.value = ""
thisform.txtdesignation.value = ""

thisform.txtstaff_id.setFocus

```

select 1

mstaff_id = trim(thisform.txtstaff_id.value)
mstaff_name = trim(thisform.txtstaff_name.value)
mstaff_add = trim(thisform.edstaff_add.value )
mgrade = thisform.txtgrade.value
msex = trim(thisform.cbosex.value )
mdesignation = trim(thisform.txtdesignation.value )
mact_code = thisform.txtact_code.value
mact_name = trim(thisform.txtact_name.value)
mzone_name = trim(thisform.txtzone_name.value)
mzone_code = thisform.txtzone_code.value

resp = messagebox("This Record Entry is about to be saved. Continue with Saving Operati
+32+256,"Confirm Save")

if resp = 1 && OK

Do case
  case len(mstaff_id) = 0
    resp= messagebox("Applicant ID must be specified please! ",16,"ERROR")

  case accessmode = 1
    seek mstaff_id
    if found()
      resp = messagebox("Duplicate Staff ID not allowed please! ",16,"ERROR")
    else
      append blank
      replace staff_id with mstaff_id
      replace staff_name with mstaff_name
      replace staff_add with mstaff_add
      replace grade with mgrade
      replace sex with msex
      replace designation with mdesignation
      replace act_code with mact_code
      replace act_name with mact_name
      replace zone_name with mzone_name
      replace zone_code with mzone_code

      thisform.cmdnew.enabled = .t.
      thisform.cmdsave.enabled = .f.
      thisform.cmdsearch.enabled = .f.
    endif

  case accessmode = 2
    seek mstaff_id
    if found()
      replace staff_id with mstaff_id
      replace staff_name with mstaff_name
      replace staff_add with mstaff_add
      replace grade with mgrade
      replace sex with msex
      replace designation with mdesignation
      replace act_code with mact_code
      replace act_name with mact_name
      replace zone_name with mzone_name
      replace zone_code with mzone_code

      resp = messagebox("This record entry has been successfully saved. ",64,"Sa
ails")

      thisform.cmdnew.enabled = .t.
      thisform.cmdsave.enabled = .f.
      thisform.cmdsearch.enabled = .f.
      thisform.cmdmodify.enabled = .t.

```

```
else
    resp = messagebox("Saving operation failed, Access Denied ! ! ! ",16,"ERROR")
endif
endcase

&& else if resp = 2 i.e. Cancel
endif
```

```
essmode = 3
```

```
thisform.cmddelete.caption <> "Confirm Delete"  
thisform.cmddelete.caption = "Confirm Delete"  
thisform.cmddelete.fontsize = 7
```

```
thisform.txtstaff_id.enabled = .t.  
thisform.txtstaff_name.enabled = .t.  
thisform.edstaff_add.enabled = .t.  
thisform.txtgrade.enabled = .t.  
thisform.cbosex.enabled = .t.  
thisform.txtact_code.enabled = .t.  
thisform.txtact_name.enabled = .f.  
thisform.txtzone_code.enabled = .t.  
thisform.txtzone_name.enabled = .f.  
thisform.txtdesignation.enabled = .t.  
thisform.cmdsearch.enabled = .t.
```

```
thisform.txtstaff_id.value = ""
```

```
else
```

```
  resp = messagebox("This record is about to be removed from disk(delete), continue w  
  elete operation? " , 1+32+256, "Confirm delete")
```

```
  if resp = 1 && OK
```

```
    select 1
```

```
    mstaff_id = trim(thisform.txtstaff_id.value)
```

```
    seek mstaff_id
```

```
    if found()
```

```
      delete
```

```
      pack
```

```
      resp = messagebox("This record has been deleted. " , 64, "Delete")
```

```
    else
```

```
      resp = messagebox("Deletion operation failed, Access denied", 16, "ERROR")
```

```
    endif
```

```
    thisform.cmddelete.caption = "\<Delete"
```

```
    thisform.cmddelete.fontsize = 9
```

```
    thisform.cmdsearch.enabled = .f.
```

```
thisform.txtstaff_id.value = ""
```

```
thisform.txtstaff_id.enabled = .f.
```

```
thisform.txtstaff_name.enabled = .t.
```

```
thisform.edstaff_add.enabled = .t.
```

```
thisform.txtgrade.enabled = .t.
```

```
thisform.cbosex.enabled = .t.
```

```
thisform.txtact_code.enabled = .t.
```

```
thisform.txtact_name.enabled = .f.
```

```
thisform.txtzone_code.enabled = .t.
```

```
thisform.txtzone_name.enabled = .f.
```

```
thisform.txtdesignation.enabled = .t.
```

```
endif
```

```
endif
```

accessmode = 2

thisform.txtstaff_id.enabled = .t.
thisform.txtstaff_name.enabled = .t.
thisform.edstaff_add.enabled = .t.
thisform.txtgrade.enabled = .t.
thisform.cbosex.enabled = .t.
thisform.txtact_code.enabled = .t.
thisform.txtact_name.enabled = .f.
thisform.txtzone_code.enabled = .t.
thisform.txtzone_name.enabled = .f.
thisform.txtdesignation.enabled = .t.

thisform.cmdmodify.enabled = .f.
thisform.cmdsave.enabled = .t.
thisform.cmdsearch.enabled = .t.
**

thisform.txtstaff_id.value = ""
thisform.txtstaff_name.value = ""
thisform.edstaff_add.value = ""
thisform.txtgrade.value = 0
thisform.cbosex.value = ""
thisform.txtact_code.value = 0
thisform.txtact_name.value = ""
thisform.txtzone_code.value = 0
thisform.txtzone_name.value = ""
thisform.txtdesignation.value = ""

thisform.txtstaff_id.setfocus


```
* initialization section of frmact(activity)
```

```
close all
```

```
set path to c:\pap
```

```
set date to brit
```

```
open database pap
```

```
select 1
```

```
use act order act_code
```

```
public accessmode, gotfocustime,mact_code,mact_name,mact_class
```

```
public cact_code,cact_name,cact_class
```

```
accessmode = 0
```

```
gotfocustime = 1
```

```
store "" to mact_name,mact_class
```

```
mact_code = 0
```

```
store "" to cact_name,cact_class
```

```
cact_code = 0
```

```
thisform.txtact_code.enabled = .f.
```

```
thisform.txtact_name.enabled = .f.
```

```
thisform.txtact_class.enabled = .f.
```

```
thisform.txtact_code.enabled = .t.  
thisform.txtact_name.enabled = .t.  
thisform.txtact_class.enabled = .t.  
**
```

```
thisform.cmdsave.enabled = .t.  
thisform.cmdnew.enabled = .f.  
thisform.cmdsearch.enabled = .f.  
thisform.cmdmodify.enabled = .f.  
thisform.cmddelete.enabled = .f.
```

```
thisform.txtact_code.value = 0  
thisform.txtact_name.value = ""  
thisform.txtact_class.value = ""
```

```
thisform.txtact_code.setFocus
```

```
accessmode = 3
```

```
if thisform.cmddelete.caption <> "Confirm Delete"  
    thisform.cmddelete.caption = "Confirm Delete"  
    thisform.cmddelete.fontsize = 7
```

```
    thisform.txtact_code.enabled = .t.  
    thisform.txtact_name.enabled = .f.  
    thisform.txtact_class.enabled = .t.
```

```
    thisform.cmdsearch.enabled = .t.
```

```
**
```

```
    thisform.txtact_code.value = ""
```

```
else
```

```
    resp = messagebox("This record is about to be removed from disk(delete), continue delete operation? ", 1+32+256, "Confirm delete")
```

```
    if resp = 1 && OK
```

```
        mact_code = thisform.txtact_code.value
```

```
        seek mact_code
```

```
        if found()
```

```
            delete
```

```
            pack
```

```
            resp = messagebox("This record has been deleted. ", 64, "Delete")
```

```
        else
```

```
            resp = messagebox("Deletion operation failed, Access denied", 16, "ERROR")
```

```
        endif
```

```
        thisform.cmddelete.caption = "\<Delete"
```

```
        thisform.cmddelete.fontsize = 9
```

```
        thisform.cmdsearch.enabled = .f.
```

```
    thisform.txtstaff_id.value = ""
```

```
    thisform.txtact_code.enabled = .t.
```

```
    thisform.txtact_name.enabled = .t.
```

```
    thisform.txtact_class.enabled = .t.
```

```
endif
```

```
endif
```

```

code = thisform.txtact_code.value
name = trim(thisform.txtact_name.value)
class = trim(thisform.txtact_class.value)

messagebox("This Record Entry is about to be saved. Continue with Saving Operation?",
"Confirm Save")

resp = 1 && OK

case mact_code = 0
  resp = messagebox("Activity code must be specified please! ",16,"ERROR")
  thisform.txtact_code.value = 0
  thisform.txtact_code.setfocus

case accessmode = 1
  seek mact_code
  if found()
    resp = messagebox("Duplicate Activity code not allowed please! ",16,"ERROR")
  else
    append blank

    replace act_code with mact_code
    replace act_name with mact_name
    replace act_class with mact_class

    thisform.cmdnew.enabled = .t.
    thisform.cmdsave.enabled = .f.
    thisform.cmdsearch.enabled = .f.
  endif

case accessmode = 2
  seek mact_code
  if found()

    replace act_code with mact_code
    replace act_name with mact_name
    replace act_class with mact_class

    resp = messagebox("This record entry has been successfully saved. ",64,"Save data")

    thisform.cmdnew.enabled = .t.
    thisform.cmdsave.enabled = .f.
    thisform.cmdsearch.enabled = .f.
    thisform.cmdmodify.enabled = .t.

  else
    resp = messagebox("Saving operation failed, Access Denied ! ! ! ",16,"ERROR")
  endif
endcase

&& else if resp = 2 i.e. Cancel
endif

```

```
* initialization section of frmzone(zones)
close all
set path to c:\pap
set date to brit
open database pap
select 1
use zone order zone_code

public accessmode, gotfocustime,mzone_code,mzone_name

public czone_code,czone_name

accessmode = 0
gotfocustime = 1
store "" to mzone_name
mzone_code = 0

store "" to czone_name
czone_code = 0

thisform.txtzone_code.enabled = .f.
thisform.txtzone_name.enabled = .f.
```

```
accessmode = 1
```

```
thisform.txtzone_code.enabled = .t.  
thisform.txtzone_name.enabled = .f.
```

```
thisform.cmdsave.enabled = .t.  
thisform.cmdnew.enabled = .f.  
thisform.cmdsearch.enabled = .f.  
thisform.cmdmodify.enabled = .f.  
thisform.cmddelete.enabled = .f.
```

```
thisform.txtzone_code.value = 0  
thisform.txtzone_name.value = ""
```

```
thisform.txtzone_code.setfocus
```

ect 1

```
one_name = trim(thisform.txtzone_name.value)
one_code = thisform.txtzone_code.value
```

```
resp = messagebox("This Record Entry is about to be saved. Continue with Saving Operati
2+256,"Confirm Save")
```

```
resp = 1 && OK
```

```
case
```

```
case mzone_code = 0
```

```
resp= messagebox("Zone code must be specified please! ",16,"ERROR")
```

```
case accessmode = 1
```

```
seek mzone_code
```

```
if found()
```

```
resp = messagebox("Duplicate Zone code not allowed please! ",16,"ERROR")
```

```
else
```

```
append blank
```

```
replace zone_name with mzone_name
```

```
replace zone_code with mzone_code
```

```
thisform.cmdnew.enabled = .t.
```

```
thisform.cmdsave.enabled = .f.
```

```
thisform.cmdsearch.enabled = .f.
```

```
endif
```

```
case accessmode = 2
```

```
seek mzone_code
```

```
if found()
```

```
replace zone_name with mzone_name
```

```
replace zone_code with mzone_code
```

```
resp = messagebox("This record entry has been successfully saved. ",64,"Save
```

```
s")
```

```
thisform.cmdnew.enabled = .t.
```

```
thisform.cmdsave.enabled = .f.
```

```
thisform.cmdsearch.enabled = .f.
```

```
thisform.cmdmodify.enabled = .t.
```

```
else
```

```
resp = messagebox("Saving operation failed, Access Denied ! ! ! ",16,"ERROR")
```

```
endif
```

```
endcase
```

```
&& else if resp = 2 i.e. Cancel
```

```
endif
```

```
ssmode = 3
```

```
thisform.cmddelete.caption <> "Confirm Delete"  
thisform.cmddelete.caption = "Confirm Delete"  
thisform.cmddelete.fontsize = 7
```

```
thisform.txtzone_code.enabled = .t.  
thisform.txtzone_name.enabled = .t.
```

```
thisform.cmdsearch.enabled = .t.
```

```
thisform.txtzone_code.value = 0
```

```
lse
```

```
resp = messagebox("This record is about to be removed from disk(delete), continue with delete operation? ", 1+32+256, "Confirm delete")
```

```
if resp = 1 && OK
```

```
select 1
```

```
mzone_code = thisform.txtzone_code.value
```

```
seek mzone_code
```

```
if found()
```

```
delete
```

```
pack
```

```
resp = messagebox("This record has been deleted. ", 64, "Delete")
```

```
else
```

```
resp = messagebox("Deletion operation failed, Access denied", 16, "ERROR")
```

```
endif
```

```
thisform.cmddelete.caption = "\<Delete"
```

```
thisform.cmddelete.fontsize = 9
```

```
thisform.cmdsearch.enabled = .f.
```

```
thisform.txtzone_code.value = 0
```

```
thisform.txtzone_code.enabled = .t.
```

```
thisform.txtzone_name.enabled = .t.
```

```
endif
```

```
endif
```