

**Online Job Recruitment System**

**Bachelors in Information Technology**

**Final Project**

**Project Documentation**

**Created and Developed by Jarred Jardine (2010)**

## Contents

|   |    |
|---|----|
| Acknowledgement .....                           | 3  |
| 1. Project Overview .....                       | 4  |
| 1.1. Vision .....                               | 4  |
| 1.2. Background .....                           | 4  |
| 1.2.1. Opportunity .....                        | 4  |
| 1.2.2. Project Goals and Objectives .....       | 5  |
| 1.2.3. Product Description .....                | 6  |
| 1.3. Scope .....                                | 7  |
| 1.3.1. Stakeholders .....                       | 7  |
| 1.3.2. Knowledge .....                          | 7  |
| 1.3.3. Process .....                            | 8  |
| 1.3.4. Communication .....                      | 8  |
| 1.4. Plan .....                                 | 9  |
| 1.4.1. Constraints .....                        | 9  |
| 1.4.2. Approach .....                           | 9  |
| 1.5. Estimates .....                            | 10 |
| 1.5.1. Schedule .....                           | 10 |
| 1.5.2. Budget .....                             | 10 |
| 1.6. Conditions of Satisfaction .....           | 11 |
| 1.6.1. Success Criteria .....                   | 11 |
| 1.6.2. Risks .....                              | 12 |
| 2. Business Analysis .....                      | 13 |
| 2.1. Business Objectives .....                  | 13 |
| 2.2. Requirements Analysis .....                | 13 |
| 2.2.1. Functional Requirements .....            | 13 |
| 2.2.2. Non-functional Requirements .....        | 14 |
| 2.3. Data Flow Diagrams .....                   | 15 |
| 2.3.1. Context Diagrams .....                   | 15 |
| 2.3.2. Process Model Level 0 .....              | 16 |
| 2.4. Logical Entity Relationship Diagram .....  | 18 |
| 3. Physical Design .....                        | 19 |
| 3.1. Physical Entity Relationship Diagram ..... | 19 |
| 3.2. User Interface Specifications .....        | 22 |
| 3.3. User Interface Design .....                | 24 |
| 3.4. Data Dictionary .....                      | 49 |
| 3.5. Queries .....                              | 56 |
| 3.6. Reports .....                              | 60 |
| 4. Technologies Used .....                      | 62 |
| 5. User Manual .....                            | 63 |
| 6. Appendix .....                               | 66 |

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- Rosa Jardine(Mum) and Piere Visage
- Friends and Family

## **1. Project Overview**

### **1.1. Vision**

With information technology being an ever increasing factor in the success and evolution of businesses in Zambia, the need has arisen to move certain aspects of business operations on to the Internet in order to keep up with the rapid change that makes businesses current, efficient and effective. This project will focus on developing an information technology system that will allow businesses in Zambia to make use of the Internet in order to advertise job vacancies and attract potential employees. This, in turn, will benefit the Zambian community giving job seekers access to numerous advertisements as well as enabling companies to recognise job seekers, thus creating career opportunities.

The Online Job Recruitment System (OJRS) will be a web based application, hosted on the Internet. It will be constructed in an effort to improve human resource allocation in Zambia. This system will initially be created for the Zambian community to make use of in order to grasp career and job opportunities. It will be restricted to companies within Zambia, both national and international that may wish to host job vacancies online. Job seekers will be able to view these job posts and apply for the jobs advertised. The system will also allow an administrator or group of administrators to manage the internal workings of the application. Using just these three types of users, the application will be able to deliver the vision stated above.

### **1.2. Background**

#### **1.2.1. Opportunity**

Currently in Zambia, companies make use of older methods of advertising jobs. These methods include newspapers, radio, notice boards and word of mouth. These methods have been used for many years, and although they may fulfil the need to advertise jobs they are not without problems. These methods tend to have one or more of the following problems; they are inefficient by not reaching a large enough target audience in a timely manner, they are costly in both time and money, they do not make use of a readily available source of job seekers that companies can easily get hold of.

In order to rectify these problems of job advertising, a web based application could be used in order to allow companies to easily and efficiently advertise their job vacancies at a minimal cost compared to the older methods stated above. They will also benefit from such a system as they will have access to a database full of people seeking jobs. This database will store information and CV's (Curriculum Vitae) of job seekers and will allow companies to filter through in order to find the right person for the job.

Job seekers will benefit from such a system as they will be able to search for a specific job in the career they wish to pursue. They will be able to easily acquire details of many job vacancies and thus increase their chances of getting the right job for them. If they wish to host their details and CV with the system they will be able to be recognised by companies in Zambia that may instantly offer them an opportunity.

### **1.2.2. Project Goals and Objectives**

Goals of the project include creating a user friendly interactive web based application that facilitates the need of job advertisements and job seeking. This should meet the requirements set out in a timely manner within the proposed budget.

The main objective of this project is to facilitate human resource job placement in Zambia. This includes:

- Providing companies a means with which they can easily make use of the Internet as a platform to post job vacancy advertisements and peruse prospective applicants' CV's via a collective pool of job seekers stored in a database.
- Providing job seekers, via the internet, a platform on which they can upload and host their CV so that they may be recognised by companies, as well as search through registered companies and their job vacancies listed in a database in order for them to apply for jobs easily.

Additional Objectives include:

- Providing a user friendly interface. The website is intended to be user friendly and will allow users to make use of its facilities with ease. It will be automated to reduce as much of the work load placed on system administrators as possible.
- Reducing business costs for the advertisements of job vacancies. With the fast paced growth of the Internet, companies will be able to reach out to many potential employees easily and efficiently. Once the system is strongly established companies will no longer need to pay the high price of other job vacancy advertising mediums such as the newspaper and radio. The use of the Internet allows job advertisements to be viewed by many more people. Employers may search through a database of registered job seekers and take their pick from willing and able applicants.
- Providing users, searching for jobs in Zambia, with the knowledge of employment and employment laws in Zambia.

Personal Objectives include:

- This project is being done in order to fulfill the requirements needed for me to attain my Bachelors Degree in Information Technology from Northrise University.
- This project will also be used as a stepping stone in my career in Information Technology. It will be an integral part of my CV and Portfolio.
- This project will be created under my parents' business Dynamic Dimension Training Academy and will create a sustainable income for the business.

### **1.2.3. Product Description**

The application will be a high quality, user friendly web based application that can be accessed by anyone with access to the Internet.

Features offered by the system to its users (job seekers, companies) include:

- Aesthetically pleasing and easy to use and navigate web interface.
- Job seekers registration and CV hosting.
- Search engine tailored to job a seeker's needs to filter through job vacancies posted by companies/employers.
- Company registration and job vacancy advertisements.
- Company advertisements.
- Payments via Electronic Funds Transfer (EFT) for advertisement and application usage.
- Search engine tailored to companies need to filter through prospective applicants/job seekers stored in a database
- Readily available information on employment and employment laws in Zambia.
- Security of confidential information uploaded by job seekers and companies.

Features offered by the system to its administrator

- A web interface that is aesthetically pleasing and easy to use as well as navigate.
- Automated system – will automatically allocate, store, update and delete records such as job seekers details, companies/employers details, as well as advertisement details.
- Private Administrator account will allow the administrator to login in to the system and make relevant changes to the system and view helpful reports.
- Ability to search through records via web interface in order to assure that information given is not false information.
- Ability to create and send e-mails to clients.
- Ability to manage advertisements and posts – i.e. approval of advertisements, edit/update advertisements on request from client, as well as being able to delete advertisements.

### **1.3. Scope**

#### **1.3.1. Stakeholders**

Those affected by the system include:

- Job seekers – this includes anyone looking for a job or career opportunity in Zambia. They can be Zambian or International applicants.
- Companies – this includes companies within Zambia both local and international. They will benefit from the system as they will be able to post advertisements and search for prospective applicants.
- Administrator – this consists of the person or group of people that will manage the system and ensure that the application processes necessary data, and produces the desired information to its clients.
- Hosting Internet Service Provider – As they will be hosting the site, constant communication is necessary to ensure the application performs as expected on the Internet.
- Bank – As companies will have the ability to make online payments for access to certain features of the application a bank will be chosen to handle these payments and ensure customer transactions are processed safely and securely.
- Dynamic Dimensions Training Academy – On successful completion of the project Dynamic Dimension Training Academy will ensure that the application continues to be hosted and serves its clients according to the vision proposed.

#### **1.3.2. Knowledge**

In order to successfully create this application a vast amount of knowledge resources will be required. These are listed below:

- Background on employment and human resource workings in Zambia.
- Knowledge of e-commerce will be needed to create workable business application that will make use of features of the Internet to advertise, and make money through the Internet.
- Knowledge on what clients expect from such a system.
- Knowledge on hosting and uploading a website to an Internet Service Provider's (ISP) server.
- Knowledge of technologies that the application will be built upon. These technologies include; programming and application development languages such as C#, ASP.NET, ADO.NET, JavaScript, DHTML, CSS, MySQL; SDK's namely Microsoft Visual Studio 2008; Multimedia design application such as Adobe Dreamweaver, Adobe Photoshop and Adobe Flash; as well as a vast amount of information technology knowledge based specifically on search engines, distributed systems, web applications, interface design and security.
- Knowledge of legal implications of creating the system.

- Knowledge of business aspects of the project that include marketing, accounting, economics, law, human resource management, business strategy and business ethics.

### **1.3.3. Processes**

The processes of the project will be limited to allow successful completion of the major features of the system.

These processes include:

- Ability of job seekers and employers to register details and log into system.
- Ability of job seekers to search current job posts and registered companies.
- Ability of companies to post job advertisements as well as search through a database of job seekers registered to the system.
- Ability of companies to make payments (most likely as Electronic Fund Transfer (EFT)) based on payment plan chosen. This payment will allow companies to host advertisements and view job seekers.

### **1.3.4. Communications**

Various communications will be required in order to create the application. Communications to the following entities will take place throughout the duration of the project:

- Lecturers– Mrs D. Zimba and Mr L. Ngulube will be administering the progress throughout the project and will require constant communication on progress.
- ISP – An ISP will be chosen to host the web application, constant communication will be needed to ensure that the application reaches its operational stage.
- Friends and Family – Will keep friends and family up to date on progress and allow for constructive criticism to ensure that the application meets its user friendly and easy to use requirements.
- Internet – Will be used as a source of knowledge and inspiration to complete the project.
- Companies – Marketing campaign will enlighten companies within Zambia on the web application allowing them to make use of its features once it is up and running.
- General Public – Marketing campaign will enlighten the general public on the web application allowing them to make use of its features once it is up and running.



## **1.4. Plan**

### **1.4.1. Constraints**

#### **A. Start Date**

19<sup>th</sup> April 2010

#### **B. Deadlines**

23<sup>rd</sup> July 2010

#### **C. Budget**

The budget will be kept as low cost as possible without reducing on the vision of the application. The Estimate to be spent on the project and its implementation is roughly K677,000.

#### **D. Technology**

Technology is limited to languages used for web application programming.

Software used such as development tools will be used either as freeware or on a trial basis so as to gain the advantage of the features of these applications with low cost incurred.

### **1.4.2. Approach**

The project proposed commenced on the 19<sup>th</sup> April 2010. It will consist of a number of phases to ensure that the vision and its requirements are met. The deadline for the project is the 23<sup>rd</sup> July 2010.

To gain an understanding of the project and what it should entail to create a successful system, knowledge will be gathered through extensive analysis on the subjects surrounding the proposed system. Prior to the project start date research commenced through use of resources such as the Internet, and through market research mainly in the form of a survey conducted with companies in Ndola from the 2<sup>nd</sup> of March 2010 to 19<sup>th</sup> of March 2010.

A business analysis of the requirements for the system to follow and meet will then be conducted. This will then lead to the design phases, namely logical design and physical design entailing the standards for the system to follow in order to collect and process data into relevant information for clients to benefit from.

Once design phases have been implemented the actual creation of the database and application will commence. The front end application will be based on ASP.NET technology with C# as the primary programming language. The applications pages will include features created with DHTML, CSS and JavaScript. The back end application will include a database created with MySQL and connected to the front end using ADO.NET. In order to create a visually attractive and easy to use interface, graphics such as pictures, interactive buttons and icons, and animations will be added to the application.

Upon rigorous testing and successful completion of the application, the application will be hosted on the Internet to allow companies and job seekers to make use of it features. A small marketing campaign will be carried out to advertise the new system and entice companies and job seekers to make use of it.

The final step will be to ensure all documentation is updated, reports are constructed and the presentation delivered with success.

## 1.5. Estimates

### 1.5.1. Schedule

Estimated times of phases of the project are shown below in the diagram

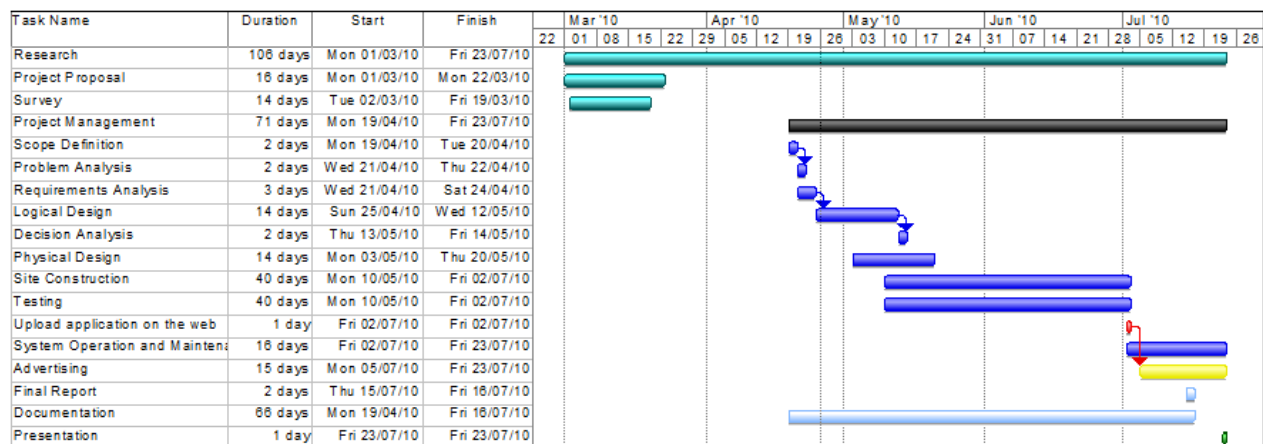


Diagram 1.1

### 1.5.2. Budget

Both time and money will be spent on the creation of this system.

Cost incurred already includes:

Stationary - File and paper = K15,000

Research – Internet Café Cost = K10,000

Survey – Printing = K40,000

Survey – Transportation = K50,000

Proposal – Printing = K10,000

Further projected costs will include:

Time spent on project design and development – (speculative figure: K4,700,000 per month).

Further Research – K50,000.

Documenting – K100,000.

Printing and binding of system documentation – K200,000.

Purchasing a Domain Name – K58,000 (quoted by Northrise Services).

Hosting the website per month- K144,000 (quoted by Northrise Services for 23MB file size).

Creating application requires use of a PC, Software, as well as electricity.

Therefore:

Actual cost of creating, implementing and hosting project for 1 month = K677,000

Price of fully operational project = 3 Months work @ K4,700,000 per month

Actual Costs of project @ K677,000

K14,777,000

## **1.6. Conditions of Satisfaction**

### **1.6.1. Success Criteria**

In order for this project to be deemed successful it will have to meet the following criteria:

- It should be documented and provide professional working details of the system.
- The application should conform to general web and security standards.
- The application's main features (such as those mentioned in section 1.3.3) should be fully implemented and working.
- The application should be hosted on the Internet so that job seekers and employers alike may gain advantage from it.
- It should meet the requirements of Bachelors in Information Technology courses at Northrise University.

### **1.6.2. Risks**

Major risks with designing and creating the system include:

- Complexity of creating the system and its features. Certain features will be of an advanced nature and possess the ability to hold the system back from a fully operational implementation if not created successfully.
- Finishing the system in a timely manner. Many of the features will take time to create. With a fixed deadline so feature may be overlooked or missed out upon completion.
- Loss of information and application. In order to prevent the loss of the system on computer backups will be regularly made.

Major risk with implementation of system:

Since the site is to be hosted on the internet, many problems can arise from this.

- Information to be stored on in the database will be of confidential nature and cannot risk being intercepted during transmission to or from the database.
- The database should have the necessary security to insure client's details remain confidential.

- Volatility of ISP. The site should be operational 24/7 and should not be down as this could lead to client's dissatisfaction with the system.
- Establishing client base will require rigorous marketing campaign.
- Competition from existing job recruitment systems such as the local newspapers as well as radio, television, magazines, other internet sources and/or job recruitment agencies.
- Competition from new entrants. Once the system is operational other organizations will enter the market to compete.
- Job market volatility. Economic situations and changes may lead for lower demand in employment thus having a negative impact on the system proposed.

## **2. Business Analysis**

### **2.1. Business Objectives**

The following are the business objectives aimed for throughout the course of the project:

- Gain market and business knowledge need to analyse process required to create and run the application envisioned in the projects plan.
- Completion of the application and its proposed features by the Friday 2<sup>nd</sup> July 2010.
- Host the application online to ensure a real working version of the application.
- Market the application to companies and job seekers.
- Produce an income by providing companies with the service of advertising online with the OJRS.

### **2.2. Requirements Analysis**

The following requirements have been noted for the system to achieve its operational features. These requirements have been separated into functional and non-functional requirements.

#### **2.2.1. Functional Requirements**

- The system should make use of user roles to assign privileges and features; namely administrator, jobseeker, company accounts.
- Jobseekers and companies should be able to register online and upload their details.
- Companies should be able to post job vacancies.
- Companies should be able to edit profile details, change password and delete account.
- Companies should be able to search for job seekers using search engine or categories.
- Companies should be given a record of jobseekers viewed for future reference. This could be done using favourites, or recently viewed pane.
- Companies should be able to make online payments or receive bank transfer notifications online.
- Companies should be able to view jobseeker who have applied for a job.
- Job seekers should be able to upload CVs.
- Job seeker should be able to search jobs by category or through search engine.
- Job seekers should be able to edit profile details, change password, and delete account.
- Only Admin should be able to create new admin account. At any one time there should always be at least one admin account.

- Admin should be able to manage company and job seeker accounts. This includes reviewing and deleting accounts.
- Admin should be able to review and filter job posts, seeker details, and company details before allowing them to be posted on application. (For security and fraud prevention measures)
- Admin should be able to manage advertisement banners, and details on site.
- Admin should be able to add new levels to fields for expansion.
- Automated e-mail for payments and notifications.

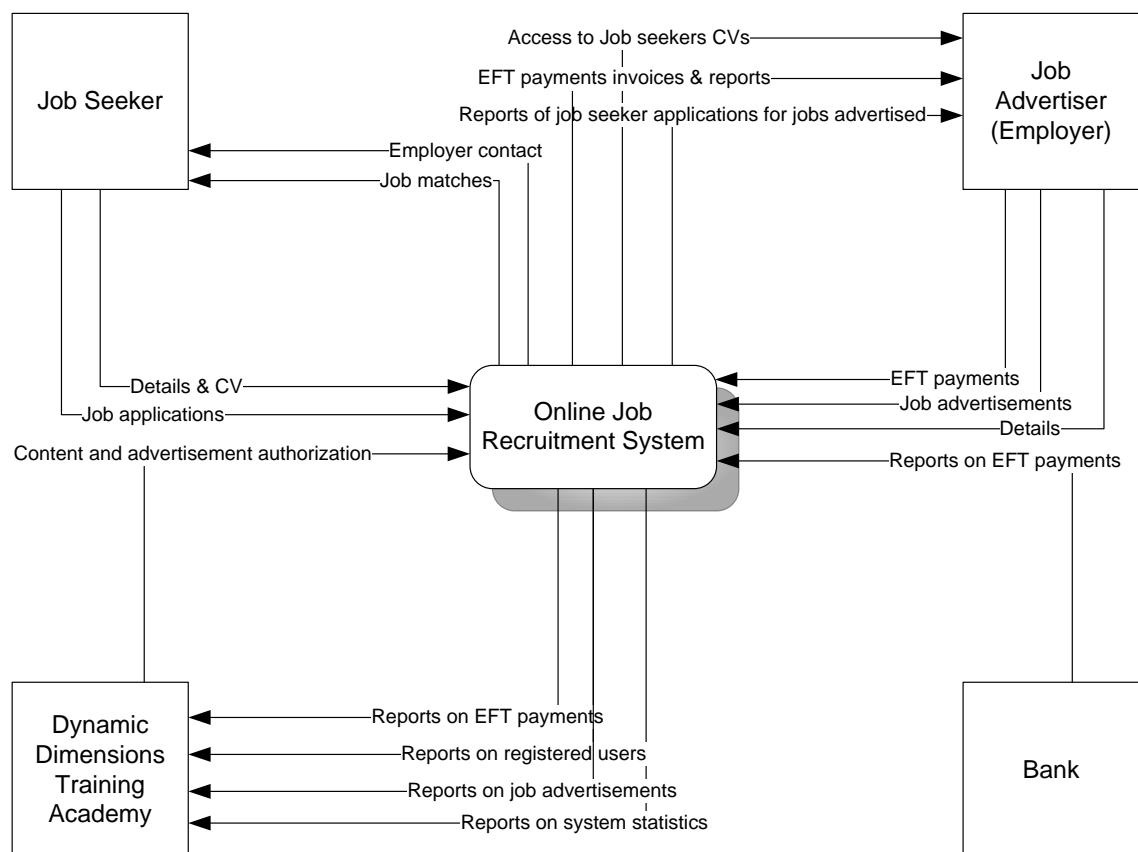
#### **2.2.2. Non-functional Requirements**

- Site should be easy to use
- Site should be easy to navigate
- Pleasing to the eye
- High security through encrypted login and transfer of information to and from server
- Statistical information should be shown on site. This should include information such as site hits, number of registered companies, number of registered job seekers, number of CV's uploaded, number of current job posts

## 2.3. Data Flow Models

### 2.3.1. Context Diagram

Below is a context diagram giving the basic flow of process to and from the system and its entities.



### **2.3.2. System Process Diagram (Level 0)**

The system Process Diagram depicts the flow of information into and out of system processes that are to occur in the proposed system.

Main Entities include:

- Company
- Jobseeker
- Bank
- Time

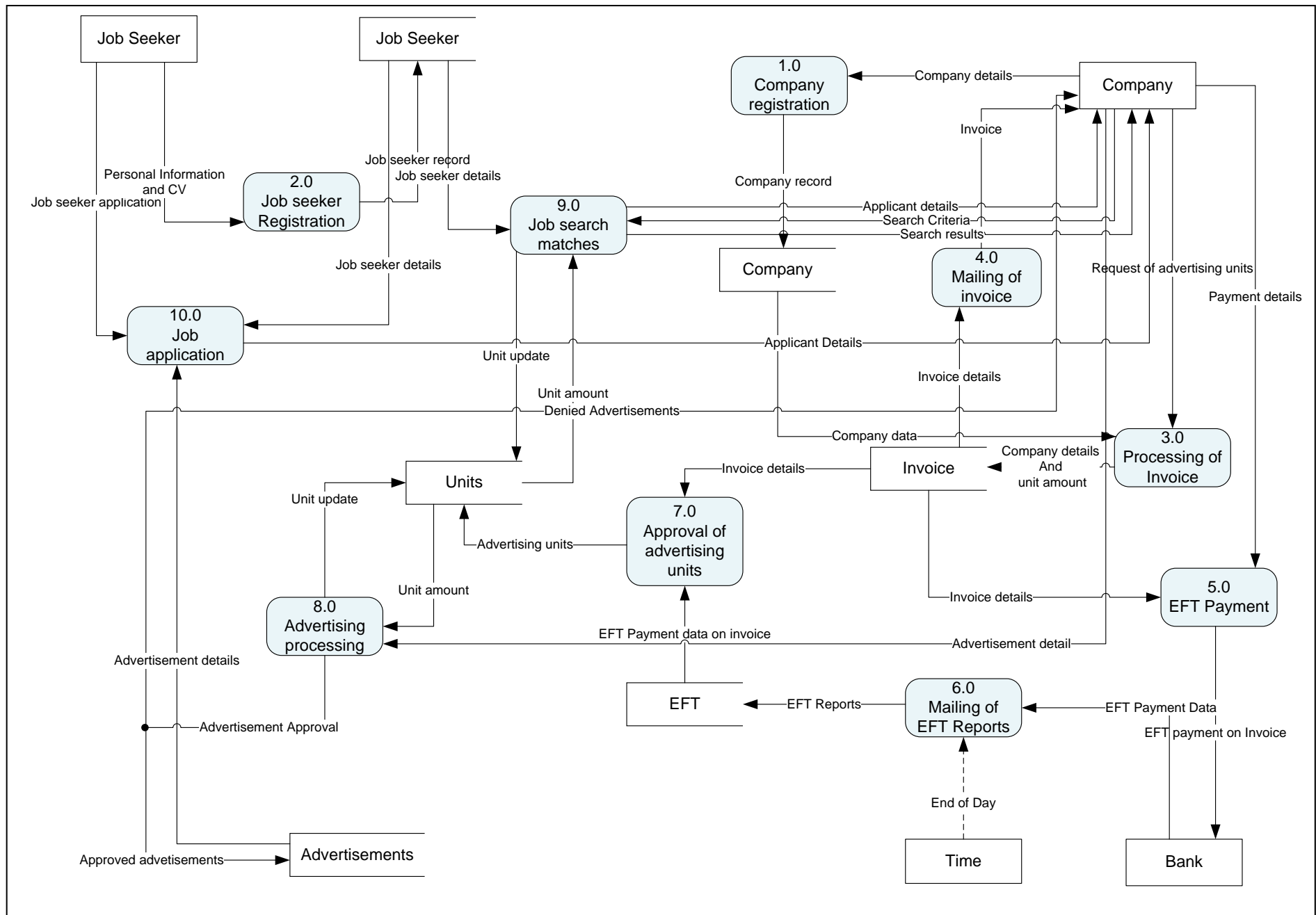
Main Process include:

- 1.0 Company Registration - Company provides details for registration
- 2.0 Jobseeker Registration - Jobseeker provides details for registration
- 3.0 Processing of invoice - invoice created based on order details
- 4.0 Mailing of invoice – invoice mailed to company
- 5.0 Electronic Fund Payment - A manual process done by Company. Transferring funds to bank
- 6.0 Mailing of EFT Reports - Reports of successful EFT and order status.
- 7.0 Approval of advertising units – approval of units order and crediting company with units to purchase advertisement space
- 8.0 Advertising Processing – Company will be able to give job details to system and advertisement will be posted.
- 9.0 Job Search Matches – Jobseekers will be matched with Job Post and company will be alerted to this fact.
- 10. Job Application – Jobseeker will be able to apply for a job alerting the company of the application

Main Data stores include:

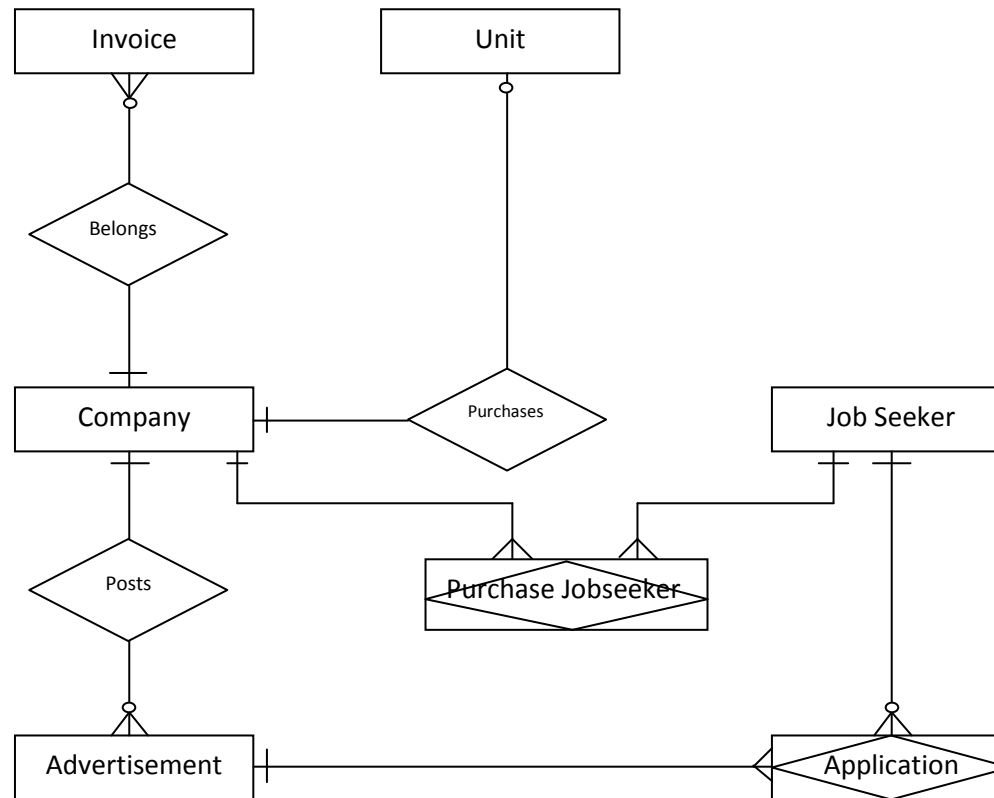
- Jobseeker
- Company
- Units
- Invoice
- EFT





### 2.3.3. Logical Entity Relationship Diagram

Logical ERD. 3NF. Crows foot Notation



### **3. Physical Design**

#### **3.1. Physical Entity Relationship Diagram**

The physical entity relationship diagram depicts the applications database structure. It contains all entities and their fields within the database.





### 3.2. User Interface Specifications

The Online Job Recruitment System is a web based application. It is based on HTML, DHTML, AJAX and ASP.net. The Interface has been designed to be user friendly, easy to eye and easy to navigate. Below is a screen capture of the home page with area of importance highlighted. These elements are described below.

The screenshot shows the ZAMJOBS.COM home page with the following highlighted elements:

- 1. Statistics:** A box in the top right corner showing: Statistics, Jobseekers 9, Advertisers 6, Job Posts 35.
- 2. Menu Links:** A horizontal navigation bar with links: Home, Job Seeker, Advertiser Listing, Employment In Zambia, FAQs, Contact Us.
- 3. Quick Search:** A search box on the left with fields for 'Search Job Title', 'Category' (Any Category), 'Region' (Any Region), and a 'Search' button. Below it is a link for 'Advanced Job Search'.
- 4. Top Advertisers:** A section on the left titled 'Top Advertisers' listing: FQM2, Northrise University, Dynamic Dimensions, and Training Academy.
- 5. Main Content:** The central area with a 'Welcome to ZamJobs' heading and a paragraph about the website's purpose in Zambia.
- 6. Login/User Controls:** A section on the right with a 'Login' link and two paragraphs encouraging users to sign up or advertise.
- 7. Ad Rotator:** A large vertical banner on the right with the text 'ZAMJOBS Advertise With Us Today'.
- 8. Breadcrumbs:** A small 'Home' breadcrumb link above the main content area.

The main content area is divided into two columns: 'Jobseekers' and 'Advertiser'.

**Jobseekers:**

- list of employment to find the job you're looking for.**
- Search Advertisers:** Research companies to find out more on Zambia top employers.
- Free CV space on the web:** Register and upload your CV to give companies nation wide access to your details. It just might help get you that break in your career.
- Instantly Notify Employers:** "Apply" for a job post in order to instantly notify a company of your interest in their vacancy. They will immediately gain access to your CV and details.

**Advertiser:**

- Advertise Jobs Online:** Advertise all your vacancies online and reach thousands of job-seekers both nationwide and internationally.
- CV Search:** Search amongst Jobseeker registered with us and gain access to their CVs and find the best professionals nationwide.
- Free Company Profile Page:** We will create a page on our website to promote your business, displaying your name, logo and details. Jobseeker will be able to Search all your job post from your profile page.

At the bottom, there is a 'Company Jobseeker' section with a table showing search results by region and location.

| Company Jobseeker   |   |                          |
|---|---|--------------------------|
| Search by Region and Location   |   |                          |
| <b>Copperbelt (22)</b><br><a href="#">Ndola (6)</a><br><a href="#">Kitwe (5)</a><br><a href="#">Luansha (5)</a><br><a href="#">Chingola (6)</a> | <b>Lusaka (11)</b><br><a href="#">Lusaka (11)</a> | <b>Central (0)</b>       |
| <b>Southern (3)</b><br><a href="#">Livingstone (3)</a>  | <b>Western (0)</b>                                | <b>North Western (0)</b> |
| <b>Eastern (0)</b>  | <b>Luapula (0)</b>                                | <b>Northern (0)</b>      |

Footer: ©ZamJobs.com, Developed by Jarred Jardine 2010. [Contact Us](#)

1. **Statistics**  
Shows a count of active advertisers, active jobseeker, and current job posts.
2. **Menu Links**  
These are links to other pages on the site. Links change on hover over.
3. **Quick Search**  
The quick search control allows the user to easily and quickly request a job search from any page on the site.
4. **Top Advertisers**  
The top advertisers control display up to ten advertisers with the most job posts. This allows these advertisers to have priority by promoting them on all pages as they have purchased the most job posts.
5. **Main Content**  
The main content section changes on each page request. This is where the pages main information is displayed.
6. **Login/User Controls**  
The login and user control section changes according to each user. Once logged in the panel will display information relevant to the user and provide quick links to their account features.



7. **Ad Rotator**  
The control displays adverts at random.
8. **Breadcrumbs**  
This section appears on each page and references an XML file that determines a pages location on the site and appropriately lets them user know where they are at any given time. It also allows users a way to back track to a more familiar page.

[Home](#) > Job Search

### 3.3. User Interface Design

All web pages created in ASP.NET. These contain ASP.NET control, C# code, HTML, and AJAX controls.

Title: Home

File: Default.aspx

Purpose: Home page and first page user encounters.

# ZAMJOBS.COM

[Home](#)[Job Seeker](#)[Advertiser](#)[Job Search](#)[Advertiser Listing](#)[Employment In Zambia](#)[FAQs](#)[Contact Us](#)

Statistics  
Jobseekers 9  
Advertisers 6  
Job Posts 35

## Quick Job Search

Search Job Title

Category

Any Category

Region

Any Region

Search

[Advanced Job Search](#)

## Top Advertisers

[FQM2](#)[Northrise University](#)[Dynamic Dimensions](#)[Training Academy](#)

## Welcome to ZamJobs!

Welcome to **ZamJobs.com**. ZamJobs is the first online job search and job posting website in Zambia. Whether you are searching for a job or an employee, we can help you find what you have in mind. We offer you the best way to change your career or help to change someone else's future. Register with us for free today !!!

### Jobseekers

#### Job Search

Browse our list of employment opportunities to find the job you're looking for.

#### Search Advertisers

Research companies to find out more on Zambia top employers.

#### Free CV space on the web

Register and upload your CV to give companies nation wide access to your details. It just might help get you that break in your career.

#### Instantly Notify Employers

"Apply" for a job post in order to instantly notify a company of your interest in their vacancy. They will immediately gain access to your CV and details.

### Advertiser

#### Advertise Jobs Online

Advertise all your vacancies online and reach thousands of job-seekers both nationwide and internationally.

#### CV Search

Search amongst Jobseeker registered with us and gain access to their CVs and find the best professionals nationwide.

#### Free Company Profile Page

We will create a page on our website to promote your business, displaying your name, logo and details. Jobseeker will be able to Search all your job post from your profile page.

ZamJobs.com offers you the right solution for your business recruitment needs. Open a free account today!

Login

If your looking for a job and have not yet signed up [click here](#)

If your looking to advertise jobs and have not yet signed up [click here](#)

## ZAMJOBS

# Advertise With Us Today

[Company Jobseeker](#)

Search by Region and Location

|  |  |                                   |
|--|--|-----------------------------------|
| <a href="#">Copperbelt (22)</a><br><a href="#">Ndola (6)</a><br><a href="#">Kitwe (5)</a><br><a href="#">Luansha (5)</a><br><a href="#">Chingola (6)</a> | <a href="#">Lusaka (11)</a><br><a href="#">Lusaka (11)</a> | <a href="#">Central (0)</a>       |
| <a href="#">Southern (3)</a><br><a href="#">Livingstone (3)</a>  | <a href="#">Western (0)</a>                                | <a href="#">North Western (0)</a> |
| <a href="#">Eastern (0)</a>  | <a href="#">Luapula (0)</a>                                | <a href="#">Northern (0)</a>      |

[Back to Top ↑](#)

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The following interface screenshots are extracts from the content section of the page.

Title: Job Search

File: Jobsearch.aspx

Purpose: Allows users to select searching options from a number of drop down lists to filter job posts. Page also include quick search by region and location.

[Home](#) > Job Search

### Job Search

|                     |                      |
|---------------------|----------------------|
| Job Title           | <input type="text"/> |
| Category            | Any Category ▼       |
| Country             | Any Country ▼        |
| Region              | Any Region ▼         |
| Location(Town/City) | Any Location ▼       |

Search by Region and Location

|   |   |  |
|---|---|--|
| <b><a href="#">Copperbelt (21)</a></b><br><a href="#">Ndola (5)</a><br><a href="#">Kitwe (5)</a><br><a href="#">Luansha (5)</a><br><a href="#">Chingola (6)</a> | <b><a href="#">Lusaka (11)</a></b><br><a href="#">Lusaka (11)</a> | <b><a href="#">Central (0)</a></b>       |
| <b><a href="#">Southern (3)</a></b><br><a href="#">Livingstone (3)</a>  | <b><a href="#">Western (0)</a></b>                                | <b><a href="#">North Western (0)</a></b> |
| <b><a href="#">Eastern (0)</a></b>  | <b><a href="#">Luapula (0)</a></b>                                | <b><a href="#">Northern (0)</a></b>      |

Title: Job Listing

File: JobListing.aspx

Purpose: Job listing page provided search functionality as well as listing jobs searched for. It informs the user of the search filtered for and displays results for job post that are current active. Page allows for pagination every ten records so that the list is not endless only on a single page. Clicking on job title will take the user to the job post details page.

[Home](#) > Job Listing

### Job Search Listing

|                     |                      |
|---------------------|----------------------|
| Job Title           | <input type="text"/> |
| Category            | Any Category ▼       |
| Country             | Any Country ▼        |
| Region              | Any Region ▼         |
| Location(Town/City) | Any Location ▼       |

*Search for Any Job Title, Any Category, Any Country, Any Region, Any Location*

|  |  |
|--|--|
| Job Title: <a href="#">IT Administrator</a> (ZP000001) | Company: Dynamic Dimensions Training Academy |
| Country: Zambia  | Category: Administration                     |
| EducationGraduate Degree with 2 years experience       | Type: Part-time                              |
| Region: Copperbelt                                     | Location: Ndola                              |
| Post Date: 23/06/2010                                  | Expiry Date: 23/07/2010                      |

---

|   |                          |
|---|--------------------------|
| Job Title: <a href="#">Network Administrator</a> (ZP000002) | Company: FQM2            |
| Country: Zambia   | Category: Administration |
| EducationGraduate Degree with 5 years experience            | Type: Contract           |
| Region: Lusaka  | Location: Lusaka         |
| Post Date: 23/06/2010                                       | Expiry Date: 02/09/2010  |

---

|   |                               |
|---|-------------------------------|
| Job Title: <a href="#">Network Admin</a> (ZP000016) | Company: Northrise University |
| Country: Zambia                                     | Category: Mining              |
| EducationCertificate with 2 years experience        | Type: Permanent               |
| Region: Copperbelt                                  | Location: Luansha             |
| Post Date: 23/06/2010                               | Expiry Date: 07/08/2010       |

---

Page: [1](#) [2](#) [3](#) [4](#)

Title: Job Details

File: JobDetails.aspx

Purpose: This page displays job post details for active job posts. Links to the companies profile page are provided. The apply button is inactive if user is not logged in as a jobseeker. In order for a user to apply for the job they will need to be logged in as jobseeker. Notification will be displayed on success or failure.

[Home](#) > Job Details

### Job Details

|                     |  |
|---------------------|--|
| ID                  | ZP000044   |
| Title               | BBA Lecturer                                     |
| Overview            | Lecture business administration courses          |
| Company             | <a href="#">Northrise University</a>             |
| Country             | Zambia   |
| Region              | Copperbelt                                       |
| Location            | Ndola  |
| Category            | Other  |
| Type                | Permanent  |
| Work Experience     | 5  |
| Experience Comment  | 5 years experience in a business environment     |
| Education Level     | Post Graduate Degree - Masters                   |
| Education Comment   | Master in a business or business education field |
| Personal Attributes | Good communication skills                        |
| Competencies        |  |
| Post Date           | 22/07/2010                                       |
| Expire Date         | 21/08/2010                                       |

Application successful. Thankyou for applying.

You have Already Applied for this job.

Title: Advertiser Listing

File: CompanyListing.aspx

Purpose: Page displays companies with currently active job post. This ensures that companies require to have posted jobs in order to appear on listing.

[Home](#) > Advertiser Listing

### Advertiser Listing

Records Per Page  ▼  
Total Records 6

| <u>Advertiser ID</u>     | <u>Company Name</u>                                 | <u>CategoryName</u> | <u>Website URL</u>                                    |
|--------------------------|---|---------------------|---|
| <a href="#">ZA000002</a> | <a href="#">Dynamic Dimensions Training Academy</a> | Administration      |   |
| <a href="#">ZA000006</a> | <a href="#">FQM2</a>                                | Mining              | <a href="http://www.fqm2.com">http://www.fqm2.com</a> |
| <a href="#">ZA000007</a> | <a href="#">Northrise University</a>                | Other               | <a href="http://www.nu.com">http://www.nu.com</a>     |

Title: Advertiser Details

File: CompanyDetail.aspx

Purpose: Company Detail page giving information and displaying logo of companies advertising on zamjobs.com. Provides a link to companies' website. Search Jobs button indicates amount of jobs currently posted by company/advertiser as to company job listing.

[Home](#) > [Advertiser Listing](#) > Advertiser Detail

### Advertiser Details

Search Jobs (11)

No Logo

|                    |  |
|--------------------|--|
| ID                 | ZA000007   |
| Company Name       | Northrise University   |
| Contact Name       | Dr Mutesa  |
| Email              | nu@hotmail.com   |
| Country            | Zambia   |
| Region             | Copperbelt   |
| Location           | Ndola  |
| Contact Number     | 0966902453   |
| Alt Contact Number | 0966902453   |
| Postal Address     | Caravelle House  |
| Website URL        | http://www.nu.com  |
| Category           | Other  |
| Description        | We offer bachelors degrees and master degrees in Information Technology, Business and Theology |

Title: Advertiser Job Listing

File: CompanyJobListing.aspx

Purpose: List current job post for company. Links to Job Details page.

[Home](#) > [Advertiser Listing](#) > Company Job Listing

### **Northrise University Job Listings**

Search for Any Job Title, Any Category, Any Region, Any Location

|   |                               |
|---|-------------------------------|
| Job Title: <a href="#">Network Admin</a> (ZP000011) | Company: Northrise University |
| Location: Kitwe                                     | Region: Copperbelt            |
| Post Date: 23/06/2010                               | Expiry Date: 22/08/2010       |
| Job Title: <a href="#">Network Admin</a> (ZP000012) | Company: Northrise University |
| Location: Luansha                                   | Region: Copperbelt            |
| Post Date: 23/06/2010                               | Expiry Date: 06/09/2010       |
| Job Title: <a href="#">Network Admin</a> (ZP000013) | Company: Northrise University |
| Location: Chingola                                  | Region: Copperbelt            |
| Post Date: 23/06/2010                               | Expiry Date: 06/09/2010       |
| Job Title: <a href="#">Network Admin</a> (ZP000015) | Company: Northrise University |
| Location: Kitwe                                     | Region: Copperbelt            |
| Post Date: 23/06/2010                               | Expiry Date: 22/08/2010       |
| Job Title: <a href="#">Network Admin</a> (ZP000016) | Company: Northrise University |
| Location: Luansha                                   | Region: Copperbelt            |
| Post Date: 23/06/2010                               | Expiry Date: 07/08/2010       |

Page: [1](#) [2](#)



## Jobseeker

Title: Jobseeker Profile

File: Jobseeker/Profile.aspx

Purpose: The jobseeker profile page allows the jobseeker to view important issues regard the user and allows the user to access different pages within profile.

[Home](#) > Jobseeker Profile

### Jobseeker Profile

Logged in with tjones@hotmail.com

**Jobseeker Controls** [Signout](#)

Welcome, tjones@hotmail.com  
[Profile](#)  
[Job Search](#)  
[Edit Details](#)  
[View Applications](#)  
[Upload/Change CV](#)  
[Change Password](#)

Title: Edit Details

File: Jobseeker/EditDetails.aspx

Purpose: Pages allows user to view personal information and allows user to change information.

[Home](#) > [Jobseeker Profile](#) > Edit Details

### Edit Details

**Job Details**

Apply for this job to alert the advertiser of your interest. Simply click the button.

|                     |  |
|---------------------|--|
| ID                  | ZP000044   |
| Title               | BBA Lecturer                                     |
| Overview            | Lecture business administration courses          |
| Company             | <a href="#">Northrise University</a>             |
| Country             | Zambia   |
| Region              | Copperbelt                                       |
| Location            | Ndola  |
| Category            | Other  |
| Type                | Permanent  |
| Work Experience     | 5  |
| Experience Comment  | 5 years experience in a business environment     |
| Education Level     | Post Graduate Degree - Masters                   |
| Education Comment   | Master in a business or business education field |
| Personal Attributes | Good communication skills                        |
| Competencies        |  |
| Post Date           | 22/07/2010                                       |
| Expire Date         | 21/08/2010                                       |

[Back to Listing](#) [Apply](#)

**Job Seeker Details**

|                          |  |
|--------------------------|--|
| Jobseeker ID             | ZS000011   |
| Email                    | tjones@hotmail.com   |
| First Name               | <input type="text" value="Tom"/>                             |
| Last Name                | <input type="text" value="Jones"/>                           |
| Country                  | <input type="text" value="South Africa"/>                    |
| Region                   | <input type="text" value="Select Region"/>                   |
| Location(Town/City)      | <input type="text" value="Select Location"/>                 |
| Nationality              | <input type="text" value="Non Zambian without work permit"/> |
| ID/Passport Number       | <input type="text" value="12313456"/>                        |
| Preferred Contact Number | <input type="text" value="0966555323"/>                      |

**CV Details**

|                               |   |
|-------------------------------|---|
| Desired Job Category          | <input type="text" value="Information Technology"/>         |
| Total Work Experience (Years) | <input type="text" value="5 years"/>                        |
| Highest Education Level       | <input type="text" value="Post Graduate Degree - Honours"/> |
| Job Seeker Status             | <input type="text" value="Visible"/>                        |

[Cancel](#) [Delete Account](#) [Edit](#) [Update](#)

Title: View Application

File: Jobseeker/Applications.aspx

Purpose: Pages Shows user jobs applied for and provides links to the job detail and company detail pages.

[Home](#) > [Jobseeker Profile](#) > View Job Applications

### View Applications

| Job Post ID | Title                                 | Company   | Post Date  | Expire Date |
|-------------|---------------------------------------|---|------------|-------------|
| ZP000001    | <a href="#">IT Administrator</a>      | <a href="#">Dynamic Dimensions Training Academy</a> | 23/06/2010 | 23/07/2010  |
| ZP000002    | <a href="#">Network Administrator</a> | <a href="#">FQM2</a>                                | 23/06/2010 | 02/09/2010  |
| ZP000010    | <a href="#">Network Admin</a>         | <a href="#">FQM2</a>                                | 23/06/2010 | 07/08/2010  |
| ZP000011    | <a href="#">Network Admin</a>         | <a href="#">Northrise University</a>                | 23/06/2010 | 22/08/2010  |
| ZP000032    | <a href="#">Network Admin</a>         | <a href="#">Northrise University</a>                | 23/06/2010 | 23/07/2010  |

Title: Upload/Change CV

File: Jobseeker/UploadCV.aspx

Purpose: Allows user to upload a new CV or download their CV of ZamJobs.com

[Home](#) > [Jobseeker Profile](#) > Upload/Change CV

### Upload/Change CV



Title: Change Password

File: Jobseeker/ChangePassword.aspx

Purpose: Allows user to change their password



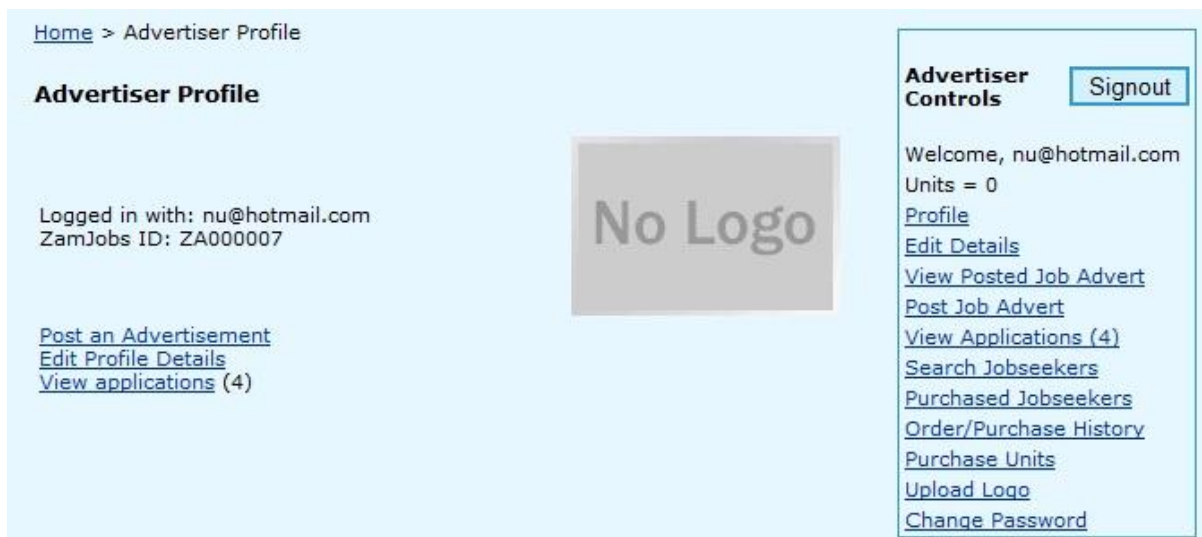
The image shows a 'Change Password' form with a light blue header. The form contains three input fields: 'Password:', 'New Password:', and 'Confirm New Password:'. Below these fields are two buttons: 'Change Password' and 'Cancel'.

## Advertiser

Title: Advertiser Profile

File: Employer/Profile.aspx

Purpose: The advertiser profile page allows the jobseeker to view important issues regard the user and allows the user to access different pages within profile.



The image shows the 'Advertiser Profile' page. The header includes a breadcrumb 'Home > Advertiser Profile' and the title 'Advertiser Profile'. The main content area shows 'Logged in with: nu@hotmail.com' and 'ZamJobs ID: ZA000007'. There are links for 'Post an Advertisement', 'Edit Profile Details', and 'View applications (4)'. A large placeholder box with the text 'No Logo' is centered. On the right, there is a sidebar titled 'Advertiser Controls' with a 'Signout' button. The sidebar lists the user's email 'Welcome, nu@hotmail.com', 'Units = 0', and a list of links: 'Profile', 'Edit Details', 'View Posted Job Advert', 'Post Job Advert', 'View Applications (4)', 'Search Jobseekers', 'Purchased Jobseekers', 'Order/Purchase History', 'Purchase Units', 'Upload Logo', and 'Change Password'.

Title: Edit Details

File: Employer/Edit Details.aspx

Purpose: Pages allows user to view personal information and allows user to change information.

Home > [Advertiser Profile](#) > Edit Details

### Edit Details

Advertiser Details

|                          |   |
|--------------------------|---|
| Advertiser ID            | ZA000007  |
| Email                    | nu@hotmail.com  |
| Company Name             | Northrise University  |
| Contact Name             | Dr Mutesa   |
| Country                  | Zambia  |
| Region                   | Copperbelt  |
| Location(Town/City)      | Ndola   |
| Contact Number           | 0966902453  |
| Alternate Contact Number | 0966902453  |
| Postal Address           | Caravelle House   |
| Website URL              | http://www.nu.com   |
| Main Job Category        | Other   |
| Company Overview         | We offer bachelors degrees in Information Technology, Business and Theology |

[Delete Account](#) [Edit](#)

Advertiser Details

|                          |  |
|--------------------------|--|
| Advertiser ID            | ZA000007   |
| Email                    | nu@hotmail.com   |
| Company Name             | Northrise University   |
| Contact Name             | Dr Mutesa  |
| Country                  | Zambia   |
| Region                   | Copperbelt   |
| Location(Town/City)      | Ndola  |
| Contact Number           | 0966902453   |
| Alternate Contact Number | 0966902453   |
| Postal Address           | Caravelle House  |
| Website URL              | http://www.nu.com  |
| Main Job Category        | Other  |
| Company Overview         | We offer bachelors degrees and master degrees in Information Technology, Business and Theology |

[Cancel](#) [Update](#)

**Advertiser Controls** [Signout](#)

Welcome, nu@hotmail.com  
Units = 0

[Profile](#)  
[Edit Details](#)  
[View Posted Job Advert](#)  
[Post Job Advert](#)  
[View Applications \(4\)](#)  
[Search Jobseekers](#)  
[Purchased Jobseekers](#)  
[Order/Purchase History](#)  
[Purchase Units](#)  
[Upload Logo](#)  
[Change Password](#)

**ZAMJOBS**

**Advertise With Us**

Title: View Posted Job Details

File: JobAdverts.aspx

Purpose: Shows the user a list of jobs posted and allows the user to view them in detail or extend the duration of the advert.

[Home](#) > [Advertiser Profile](#) > View Posted Job Adverts

### View Posted Job Adverts

[View Detail](#) [Select Length](#) [Extend Advert](#)

|                        | <u>ID</u> | <u>Title</u>  | <u>PostDate</u> | <u>ExpireDate</u> |
|------------------------|-----------|---------------|-----------------|-------------------|
| <a href="#">Select</a> | ZP000011  | Network Admin | 23/06/2010      | 22/08/2010        |
| <a href="#">Select</a> | ZP000012  | Network Admin | 23/06/2010      | 06/09/2010        |
| <a href="#">Select</a> | ZP000013  | Network Admin | 23/06/2010      | 06/09/2010        |
| <a href="#">Select</a> | ZP000015  | Network Admin | 23/06/2010      | 22/08/2010        |
| <a href="#">Select</a> | ZP000016  | Network Admin | 23/06/2010      | 07/08/2010        |
| <a href="#">Select</a> | ZP000017  | Network Admin | 23/06/2010      | 07/08/2010        |
| <a href="#">Select</a> | ZP000018  | Network Admin | 23/06/2010      | 23/07/2010        |
| <a href="#">Select</a> | ZP000032  | Network Admin | 23/06/2010      | 23/07/2010        |
| <a href="#">Select</a> | ZP000033  | Network Admin | 23/06/2010      | 23/07/2010        |
| <a href="#">Select</a> | ZP000034  | Network Admin | 23/06/2010      | 23/07/2010        |

1 2

Title: View Application

File: Employer/Applications.aspx

Purpose: Shows application for jobs with links to detailed pages

[Home](#) > [Advertiser Profile](#) > Job Applications

### View Applications

View applicants for current jobs posted. Click on Job to view applicants by job or click on applicant name to view applicant's details and CV.

| Job Post ID   | Job Title                     | Post Date  | Expiry Date |
|---|-------------------------------|------------|-------------|
| ZP000011  | <a href="#">Network Admin</a> | 23/06/2010 | 22/08/2010  |
| <ul style="list-style-type: none"><li><a href="#">ZS000011 - Tom Jones</a></li></ul>  |                               |            |             |
| ZP000012  | <a href="#">Network Admin</a> | 23/06/2010 | 06/09/2010  |
| <ul style="list-style-type: none"><li><a href="#">ZS000013 - Rosa Jardine</a></li></ul>   |                               |            |             |
| ZP000032  | <a href="#">Network Admin</a> | 23/06/2010 | 23/07/2010  |
| <ul style="list-style-type: none"><li><a href="#">ZS000010 - lana lang</a></li><li><a href="#">ZS000011 - Tom Jones</a></li></ul> |                               |            |             |

Page: [1](#)

Title: Job Post Detail

File: Employer/JobPostApplicants.aspx

Purpose: Shows job post detail and lists applicants for specific job

[Home](#) > [Advertiser Profile](#) > [Job Applications](#) > Job Post Applicants

### Job Post Details - Applicants

|                         |                      |
|-------------------------|----------------------|
| ID                      | ZP000032             |
| Title                   | Network Admin        |
| Overview                | asdkj                |
| Company                 | Northrise University |
| Country                 | Zambia               |
| Region                  | Copperbelt           |
| Location                | Luansha              |
| Category                | Administration       |
| Type                    | Permanent            |
| Work Experience (Years) | 2                    |
| Work Experience Comment | sdasd                |
| Education Level         | Certificate          |
| Education Level Comment | asd                  |
| Personal Attributes     | asd                  |
| Competencies            | asd                  |
| Post Date               | 23/06/2010           |
| Expire Date             | 23/07/2010           |

### Applicants (2)

- [ZS000010-lana lang](#)  
lana@hotmail.com | 54545
- [ZS000011-Tom Jones](#)  
tjones@hotmail.com | 0966555323

Page: [1](#)

Title: Jobseeker Detail

File: Employer/JobseekerDetails.aspx

Purpose: Shows jobseeker detail for applied for and purchased jobseekers. Provides button to download Jobseeker CV.

[Home](#) > [Advertiser Profile](#) > [Job Applications](#) > Jobseeker Details

### Jobseeker Details

|                    |                                 |
|--------------------|---------------------------------|
| ID                 | JS000011                        |
| First Name         | Tom                             |
| Last Name          | Jones                           |
| Email              | tjones@hotmail.com              |
| Country            | South Africa                    |
| Region             |                                 |
| Location           |                                 |
| Nationality        | Non Zambian without work permit |
| ID/Passport Number | 12313456                        |
| Contact Number     | 0966555323                      |
| Category           | Information Technology          |
| Experience         | 5                               |
| Education          | Post Graduate Degree - Honours  |

[Download CV](#)

Title: Jobseeker Search

File: Employer/SearchJobseeker.aspx

Purpose: Provides drop down list for Advertiser to search jobseeker of required specification.

[Home](#) > [Advertiser Profile](#) > Jobseeker Search

### Jobseeker Search

Country:

Region:

Location(Town/City):

Category:

Education:

Experience: ☒ exactly  
☐ and above  
☐ and below

[Search](#) [Clear](#)

Search by Region and Location

|   |  |                                   |
|---|--|-----------------------------------|
| <a href="#">Copperbelt (5)</a><br><a href="#">Ndola (5)</a><br><a href="#">Kitwe (0)</a><br><a href="#">Luansha (0)</a><br><a href="#">Chingola (0)</a> | <a href="#">Lusaka (0)</a><br><a href="#">Lusaka (0)</a> | <a href="#">Central (0)</a>       |
| <a href="#">Southern (0)</a><br><a href="#">Livingstone (0)</a>   | <a href="#">Western (0)</a>                              | <a href="#">North Western (0)</a> |
| <a href="#">Eastern (0)</a>   | <a href="#">Luapula (0)</a>                              | <a href="#">Northern (0)</a>      |

Search International Jobseekers

|                              |                                  |                               |
|------------------------------|----------------------------------|-------------------------------|
| <a href="#">Zambia (5)</a>   | <a href="#">South Africa (3)</a> | <a href="#">Zimbabwe (0)</a>  |
| <a href="#">Namibia (1)</a>  | <a href="#">Tanzania (0)</a>     | <a href="#">Australia (0)</a> |
| <a href="#">Botswana (0)</a> |                                  |                               |

Title: Jobseeker Listing

File: Employer/JobseekerListing.aspx

Purpose: Provide search tools as well as lists the jobseekers searched for

[Home](#) > [Advertiser Profile](#) > [Jobseeker Search](#) > Jobseeker Listing

### Jobseeker Search Listing

|                     |   |
|---------------------|---|
| Country             | <input type="text" value="Any Country"/>    |
| Region              | <input type="text" value="Any Region"/>     |
| Location(Town/City) | <input type="text" value="Any Location"/>   |
| Category            | <input type="text" value="Any Category"/>   |
| Education           | <input type="text" value="Any Education"/>  |
| Experience          | <input type="text" value="Any Experience"/> |

☐ exactly  
☐ and above  
☐ and below

Search for Any Category, Any Country, Any Region, Any Location, Any Education, Any Experience

|  |                                  |
|--|----------------------------------|
| <a href="#">Jared Jardine</a> (ZS000007) | Category: Administration         |
| Country: Zambia                          | Nationality: Zambian Citizen     |
| Region: Copperbelt                       | Experience: 0 years              |
| Location: Ndola                          | Education: Various Short Courses |

Title: Purchase Jobseeker Details

File: Employer/PurchaseJobseekerDetails.aspx

Purpose: Shows jobseeker detail and allows advertiser to purchase details. On purchased redirected successful purchase screen.

[Home](#) > [Advertiser Profile](#) > [Jobseeker Search](#) > Purchase Jobseeker Details

### Purchase Jobseeker Details

|             |                       |
|-------------|-----------------------|
| ID          | ZS000008              |
| First Name  | Jared                 |
| Last Name   | Jardine               |
| Country     | Zambia                |
| Region      | Copperbelt            |
| Location    | Ndola                 |
| Nationality | Zambian Citizen       |
| Category    | Administration        |
| Experience  | 0 years               |
| Education   | Various Short Courses |



Title: Purchased Jobseeker Successful

File: Employer/PurchasedJobseekerDetails.aspx

Purpose: Shows transaction effects of purchasing a jobseeker.

[Home](#) > [Advertiser Profile](#) > [Purchased Jobseekers](#) > Purchased Jobseeker Detail

### Purchased Jobseeker Details

Thank you for Jobseeker Details with ZamJobs.com

Purchase Summary  
Jobseeker ID: ZS000014  
Name: Sam Witwiki

Units prior to transaction: 6  
Units Deducted = 1  
Units Remaining = 5

Title: Purchased Jobseeker

File: Employer/PurchasedJobseekers.aspx

Purpose: Shows purchased jobseeker and gives links to view detail.

[Home](#) > [Advertiser Profile](#) > Purchased Jobseekers

### Purchased Jobseekers

Click on Jobseeker ID to view details and download CV

| ID                       | FirstName | LastName | ContactNumber | Email                  |
|--------------------------|-----------|----------|---------------|------------------------|
| <a href="#">ZS000014</a> | Sam       | Witwiki  | 0966555555    | samwitwiki@hotmail.com |

Title: Purchased Units

File: Employer/PurchaseUnits.aspx

Purpose: Shows Allows user to calculate unit amount based on service chosen. Check out button to go to order details screen

[Home](#) > [Advertiser Profile](#) > Purchase Units

### Purchase Units

Purchase ZamJob Units in order to post job adverts and view details of searched jobseekers. Purchasing ZamJob units consists of 2 simple steps. Choose amount required using the ZamJob units calculator. Once you checkout you will be taken to a order details page stating our bank details. Make an electronic fund transfer or bank deposit to our account stating your zamjobs ID number(eg. ZA000001), zamjobs order number(eg. ZJ000001) and amount.

Note: The ZamJobs units calculator calculates units for our advertisers estimated use of services. These units can be used interchangeably for the different services on offer.

#### ZamJob Units Calculator

| Service                          | Cost(Kwacha) | Qty                            | SubTotal                             |
|----------------------------------|--------------|--------------------------------|--------------------------------------|
| 15 Day Advert (1 Unit)           | 150000       | <input type="text" value="7"/> | <input type="text" value="1050000"/> |
| 30 Day Advert (2 Units)          | 300000       | <input type="text" value="3"/> | <input type="text" value="900000"/>  |
| View Jobseeker Details (2 Units) | 300000       | <input type="text" value="0"/> | <input type="text" value="0"/>       |
| Total                            |              |                                | <input type="text" value="1950000"/> |
| Total Units                      |              |                                | <input type="text" value="13"/>      |

Title: Units Order

File: Employer/Order.aspx

Purpose: Show details for unit order place. Gives bank details for advertiser to transfer into.

[Home](#) > [Advertiser Profile](#) > Order

### ZamJobs Units Order

Thankyou for ordering ZamJob Units.

|                              |               |
|------------------------------|---------------|
| Order Number(Bank Reference) | ZJ000025      |
| Date                         | 22/07/2010    |
| Zambjobs Units               | 13            |
| Unit Amount                  | K150000 /unit |
| Total Amount                 | K1950000      |
| Payment                      | Pending       |

#### Bank Details

Bank: FNB Zambia  
Branch: Ndola (260006)  
Account Name: dynamicdimensions  
Account Number: 62271230642

Please make and Electronic Fund Transefer or Bank Deposit to our account for the amount billed in order for your account to be credited with ZamJob Units.

Once the transaction is made please allow for 24-48 hours for your account to be credited. Please feel free to contact us for help



Title: Post Advert

File: Employer/PostAdvert.aspx

Purpose: Page allows user to fill in advertisement detail and post an advert for a specific amount of time. Based on this advertisers account will be deducted appropriately.

[Home](#) > [Advertiser Profile](#) > Post Advert

### Post Your Advertisement

Job Details

Job Title

Job Overview

Job Category

Select Category ▾

Job Type

Select Job Type ▾

Country

Any Country ▾

Region

Any Region ▾

Location(Town/City)

Any Location ▾

Job Requirements

Required Work Experience

Select Years ▾

Work Experience Comments

Required Education Level

Select Education ▾

Education Level Comments

Required Personal Attributes

Required Competencies

Advert Length

Select Length ▾

Post

Title: Post Successful

File: Employer/PostSuccessful.aspx

Purpose: Shows detail of successful job post..

[Home](#) > [Advertiser Profile](#) > Post Successful

### Post Successful

Thank you for extending your job post

Extended Job Post Summary  
Job Post ID: ZP000044  
Job Title: BBA Lecturer  
Post Date: 22/07/2010  
Expire Date: 20/09/2010

Units prior to transaction: 8  
Units Deducted: 2  
Units Remaining: 6

**Advertiser Controls** [Signout](#)

Welcome, nu@hotmail.com  
Units = 6

- [Profile](#)
- [Edit Details](#)
- [View Posted Job Advert](#)
- [Post Job Advert](#)
- [View Applications \(4\)](#)
- [Search Jobseekers](#)
- [Purchased Jobseekers](#)
- [Order/Purchase History](#)
- [Purchase Units](#)
- [Upload Logo](#)
- [Change Password](#)

Title: Upload/Change Logo

File: Employer/UploadLogo.aspx

Purpose: Allows advertiser to view current logo and upload new logo.

[Home](#) > [Advertiser Profile](#) > Upload/Change Logo

### Upload/Change Logo

Upload your company logo to be visually recognised at ZamJobs.com. Please ensure the image file to upload is of type .jpg or .jpeg and has the dimensions 150x100 pixels.

Currently Uploaded Logo

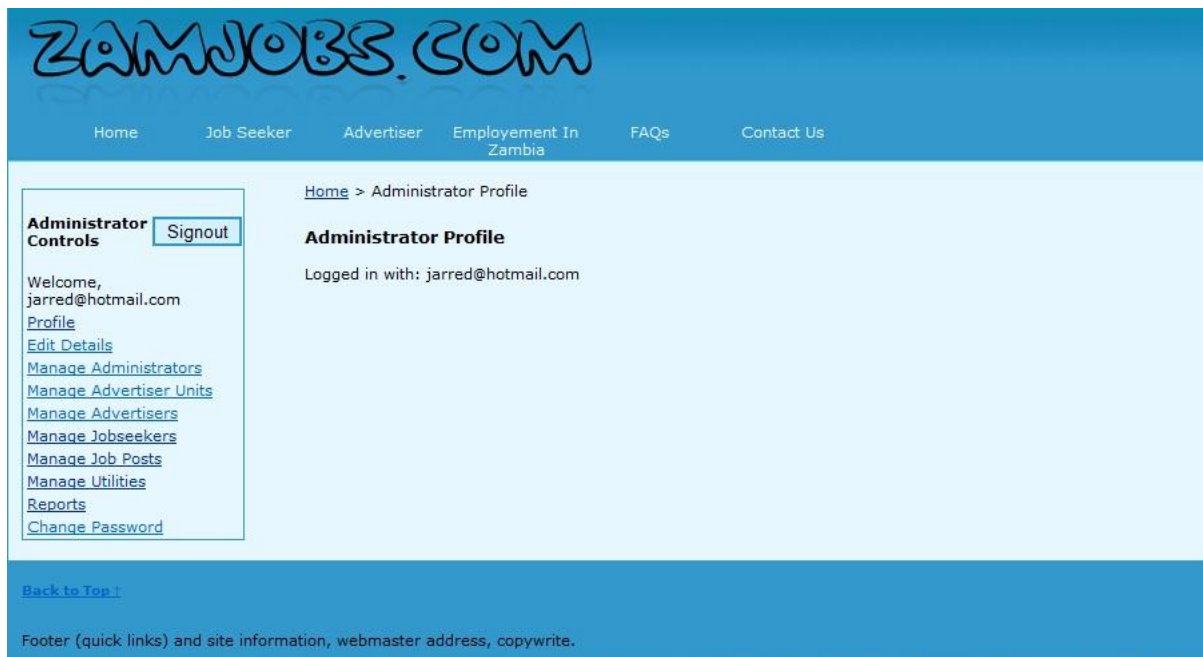


## Administrator

Title: Administrator Profile

File: Administrator/Profile.aspx

Purpose: Profile displaying account information and links to account features.



Title: Edit Details

File: Administrator/EditDetails.aspx

Purpose: Allows user to view and edit details



[Home](#) > [Administrator Profile](#) > Edit Details

### Edit Details

|                    |                    |
|--------------------|--------------------|
| Administrator ID   | ZM000001           |
| Email              | jarred@hotmail.com |
| First Name         | Jarred             |
| Last Name          | Jardine            |
| Contact Number     | 0965555555         |
| Passport/ID Number | 13216456           |
| Physical Address   | 18 Misundu Ndola   |

Cancel

Edit

Update

Title: Manage Administrators

File: Administrator/ManageAdministrators.aspx

Purpose: Allows current user to manage admin accounts.

[Home](#) > [Administrator Profile](#) > Manage Administrators

### Manage Administrators

Create Admin

View Detail

Edit

Cancel

Activate

Deactivate

Delete

|                        | ID       | First Name | Last Name | Contact Number | Email              | Active                              |
|------------------------|----------|------------|-----------|----------------|--------------------|-------------------------------------|
| <a href="#">Select</a> | ZM000001 | Jarred     | Jardine   | 0965555555     | jarred@hotmail.com | <input checked="" type="checkbox"/> |
| <a href="#">Select</a> | ZM000008 | Jarred     | Jardine   | 0965527733     | jarred@zamjobs.com | <input checked="" type="checkbox"/> |

Title: Create New Admin

File: Administrator/CreateAdmin.aspx

Purpose: Create new administrator account.

[Home](#) > [Administrator Profile](#) > [Manage Administrators](#) > Create Admin

### Create New Admin Account

|                    |                          |
|--------------------|--------------------------|
| First Name         | <input type="text"/>     |
| Last Name          | <input type="text"/>     |
| Email              | <input type="text"/>     |
| Confirm Email      | <input type="text"/>     |
| Password           | <input type="password"/> |
| Confirm Password   | <input type="password"/> |
| Contact Number     | <input type="text"/>     |
| Passport/ID Number | <input type="text"/>     |
| Physical Address   | <input type="text"/>     |

Title: Manage Advertiser Units

File: Administrator/ManageAdvertiseUnits.aspx

Purpose: Allows admin to credit account based on order and manual check of bank accounts records. Orders can also be deactivated.

[Home](#) > [Administrator Profile](#) > Manage Advertiser Units

### Manage Advertiser Units

Order Reference (ZJ)  Records Per Page

Company  Total Records 22

|                        | Order Reference | Company                             | Unit Amount | Unit Qty | Total   | Date       | Paid | Credited | Active |
|------------------------|-----------------|-------------------------------------|-------------|----------|---------|------------|------|----------|--------|
| <a href="#">Select</a> | ZJ000001        | FQM2                                | 100000      | 7        | 700000  | 29/06/2010 | Y    | Y        | N      |
| <a href="#">Select</a> | ZJ000002        | FQM2                                | 100000      | 10       | 1000000 | 15/06/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000003        | Dynamic Dimensions Training Academy | 100000      | 10       | 1000000 | 06/07/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000004        | FQM2                                | 100000      | 4        | 400000  | 06/07/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000005        | FQM2                                | 100000      | 4        | 400000  | 06/07/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000006        | FQM2                                | 100000      | 15       | 1500000 | 06/07/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000007        | FQM2                                | 100000      | 15       | 1500000 | 06/07/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000008        | Dynamic Dimensions Training Academy | 100000      | 3        | 300000  | 06/07/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000009        | Dynamic Dimensions Training Academy | 100000      | 3        | 300000  | 06/07/2010 | N    | N        | Y      |
| <a href="#">Select</a> | ZJ000010        | FQM2                                | 100000      | 1        | 100000  | 06/07/2010 | Y    | Y        | Y      |
| <a href="#">Select</a> | ZJ000011        | FQM2                                | 100000      | 2        | 200000  | 06/07/2010 | Y    | Y        | Y      |

Title: Manage Job Posts

File: Administrator/managejobposts.aspx

Purpose: view and mange job post

[Home](#) > [Administrator Profile](#) > Manage Job Posts

### Manage Job Posts

| ID                        | Title                 | Company                             | Region     | Location | Category               | Post Date  | Expire Date |
|---------------------------|-----------------------|-------------------------------------|------------|----------|------------------------|------------|-------------|
| <a href="#">Select</a> 1  | IT Administrator      | Dynamic Dimensions Training Academy | Copperbelt | Ndola    | Administration         | 23/06/2010 | 23/07/2010  |
| <a href="#">Select</a> 2  | Network Administrator | FQM2                                | Lusaka     | Lusaka   | Administration         | 23/06/2010 | 02/09/2010  |
| <a href="#">Select</a> 3  | Network Admin         | FQM2                                | Lusaka     | Lusaka   | Administration         | 23/06/2010 | 18/08/2010  |
| <a href="#">Select</a> 9  | Network Admin         | FQM2                                | Lusaka     | Lusaka   | Administration         | 23/06/2010 | 18/08/2010  |
| <a href="#">Select</a> 10 | Network Admin         | FQM2                                | Lusaka     | Lusaka   | Information Technology | 23/06/2010 | 07/08/2010  |
| <a href="#">Select</a> 11 | Network Admin         | Northrise University                | Copperbelt | Kitwe    | Information Technology | 23/06/2010 | 22/08/2010  |
| <a href="#">Select</a> 12 | Network Admin         | Northrise University                | Copperbelt | Luansha  | Information Technology | 23/06/2010 | 06/09/2010  |
| <a href="#">Select</a> 13 | Network Admin         | Northrise University                | Copperbelt | Chingola | Information Technology | 23/06/2010 | 06/09/2010  |
| <a href="#">Select</a> 15 | Network Admin         | Northrise University                | Copperbelt | Kitwe    | Information Technology | 23/06/2010 | 22/08/2010  |
| <a href="#">Select</a> 16 | Network Admin         | Northrise University                | Copperbelt | Luansha  | Mining                 | 23/06/2010 | 07/08/2010  |

1 2 3 4

Title: Manage Jobseeker

File: Administrator/ManageJobseekers.aspx

Purpose: Profile View and manage jobseekers

[Home](#) > [Administrator Profile](#) > Manage Jobseekers

### Manage Jobseekers

[Edit](#) [Cancel](#) [Activate](#) [Deactivate](#)  
[View Detail](#) [Download CV](#)

|                        | ID       | First Name | Last Name | Email                   | ID/Passport Number | Contact Number | Active   |
|------------------------|----------|------------|-----------|-------------------------|--------------------|----------------|----------|
| <a href="#">Select</a> | JS000004 | john       | phiri     | johnp@hotmail.com       | 12312              | 12312          | Active   |
| <a href="#">Select</a> | JS000005 | Happy      | Jnr       | happy@hotmail.com       | 7897897            | 97979879       | Inactive |
| <a href="#">Select</a> | JS000007 | Jared      | Jardine   | j                       | 0                  | 0              | Active   |
| <a href="#">Select</a> | JS000008 | Jared      | Jardine   | j                       | 0                  | 0              | Active   |
| <a href="#">Select</a> | JS000009 | Jar        | Jar       | jar@hotmail.com         | 54545              | 54545          | Active   |
| <a href="#">Select</a> | JS000010 | lana       | lang      | lana@hotmail.com        | 54545              | 54545          | Active   |
| <a href="#">Select</a> | JS000011 | Tom        | Jones     | tjones@hotmail.com      | 12313456           | 0966555323     | Active   |
| <a href="#">Select</a> | JS000012 | Carrim     | Banda     | carz@hotmail.com        | 123456789          | 0966555555     | Active   |
| <a href="#">Select</a> | JS000013 | Rosa       | Jardine   | rosajardine@hotmail.com | 5903140154089      | 0966902453     | Active   |
| <a href="#">Select</a> | JS000014 | Sam        | Witwiki   | samwitwiki@hotmail.com  | 32165499           | 0966555555     | Active   |

1 2

Title: Manage Advertisers

File: Administrator/manageadvertisers.aspx

Purpose: View and manage advertisers

[Home](#) > [Administrator Profile](#) > Manage Advertisers

### Manage Advertisers

|                        | ID       | Company Name                        | Contact Name | Email            | Contact Number | Postal Address  | Website URL         |
|------------------------|----------|-------------------------------------|--------------|------------------|----------------|-----------------|---------------------|
| <a href="#">Select</a> | ZA000001 | DDTA                                | Rosa Jardine | ddta@yahoo.com   | 0966902453     | 18 Misundu      |                     |
| <a href="#">Select</a> | ZA000002 | Dynamic Dimensions Training Academy | Jardine      | ddta@hotmail.com | 0966902453     | 18 Misundu      |                     |
| <a href="#">Select</a> | ZA000004 | fqm                                 | fqm          | fqm@hotmail.com  | 0966902453     | 18 Misundu      |                     |
| <a href="#">Select</a> | ZA000005 | lows                                | hi           | lows@hotmail.com | sdf            | dsf             | www.lows.co.zm      |
| <a href="#">Select</a> | ZA000006 | FQM2                                | Adrian       | fqm2@hotmail.com | 0966555551     | 21 Industrial   | http://www.fqm2.com |
| <a href="#">Select</a> | ZA000007 | Northrise University                | Dr Mutesa    | nu@hotmail.com   | 0966902453     | Caravelle House | http://www.nu.com   |



Title: Manage Utilities

File: Administrator/ManageUtilities.aspx

Purpose: View and Manage Utilities

[Home](#) > [Administrator Profile](#) > Manage Utilities

### Manage Utilities

Unit Amount

|                      |        |
|----------------------|--------|
| Unit Amount (Kwacha) | 150000 |
|----------------------|--------|

Edit

Edit Job Category

|                                 |                      |
|---------------------------------|----------------------|
| List of existing Job Categories | Administration ▼     |
| Add new Job Category            | <input type="text"/> |

Update

Edit Country

|                            |                      |
|----------------------------|----------------------|
| List of existing Countries | Australia ▼          |
| Add new Country            | <input type="text"/> |

Update



### 3.4. Data Dictionary

jobsdb tables

| Table Name       | Attribute Name | Data Type          | Nul<br>l | Content               | Range                        | PK/F<br>K | References             |
|------------------|----------------|--------------------|----------|-----------------------|------------------------------|-----------|------------------------|
| jobsdb_Jobseeker | ID             | int                | No       | Unique Identifier     | 999999                       | PK        |                        |
|                  | FirstName      | varchar(50)        | No       | First Name            | XXXXXXXXXXXXXXXXXXXX<br>xxxx |           |                        |
|                  | LastName       | varchar(50)        | No       | Last Name             | XXXXXXXXXXXXXXXXXXXX<br>xxxx |           |                        |
|                  | Email          | varchar(128)       | No       | Email Address         | XXXXXXXXXXXXXXXXXXXX<br>xxxx |           |                        |
|                  | Country        | int                | No       | Country ID            | 999999                       | FK        | jobsdb_Country         |
|                  | Region         | int                | Yes      | Region ID             | 999999                       | FK        | jobsdb_Region          |
|                  | Location       | int                | Yes      | Location ID           | 999999                       | FK        | jobsdb_Location        |
|                  | Nationality    | int                | No       | Nationality ID        | 999999                       | FK        | jobsdb_Nationali<br>ty |
|                  | ID_Passport    | varchar(50)        | No       | ID or Passport Number | XXXXXXXXXXXXXXXXXXXX<br>xxxx |           |                        |
|                  | ContactNumber  | varchar(50)        | No       | Phone number          | XXXXXXXXXXXXXXXXXXXX<br>xxxx |           |                        |
|                  | JobCategory    | int                | No       | Job Category ID       | 999999                       | FK        | jobsdb_JobCateg<br>ory |
|                  | Experience     | int                | No       | Years Experience      | 999999                       |           |                        |
|                  | Education      | int                | No       | Education ID          | 999999                       | FK        | jobsdb_Educatio<br>n   |
|                  | CV             | varbinary(MA<br>X) | No       | CV as series bytes    | XXXXXXXXXXXXXXXXXXXX<br>xxxx |           |                        |
|                  | Status         | int                | No       | Status ID             | 999999                       | FK        | jobsdb_Status          |
|                  | Active         | varchar(1)         | No       | Y or N for Yes or No  | x                            |           |                        |
| jobsdb_Employer  | ID             | int                | No       | Unique Identifier     | 999999                       | PK        |                        |

|                      |                  |                |     |                         |                              |    |                    |
|----------------------|------------------|----------------|-----|-------------------------|------------------------------|----|--------------------|
|                      | CompanyName      | varchar(128)   | No  | Company Name            | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | ContactName      | varchar(50)    | No  | Contact Name            | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | Email            | varchar(128)   | No  | Email Address           | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | Country          | int            | No  | Country ID              | 999999                       | FK | jobsdb_Country     |
|                      | Region           | int            | No  | Region ID               | 999999                       | FK | jobsdb_Region      |
|                      | Location         | int            | No  | Location ID             | 999999                       | FK | jobsdb_Location    |
|                      | ContactNumber    | varchar(50)    | No  | Phone number            | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | AltContactNumber | varchar(50)    | Yes | Phone number            | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | PostalAddress    | varchar(128)   | Yes | Postal Address          | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | WebsiteURL       | varchar(128)   | Yes | Website URL             | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | Category         | int            | No  | Job Category ID         |                              | FK | jobsdb_JobCategory |
|                      | Description      | varchar(1000)  | No  | Company Description     | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | Logo             | varbinary(MAX) | Yes | Logo as series of bytes | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | Units            | int            | No  | Amount of units         | 999999                       |    |                    |
|                      | Active           | varchar(1)     | No  | Y or N for Yes or No    | x                            |    |                    |
| jobsdb_Administrator | ID               | int            | No  | Unique Identifier       | 999999                       | PK |                    |
|                      | FirstName        | varchar(50)    | No  | First Name              | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | LastName         | varchar(50)    | No  | Last Name               | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                      | ContactNumber    | varchar(50)    | No  | Phone number            | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |

|                |                       |              |     |                              |                              |    |                    |
|----------------|-----------------------|--------------|-----|------------------------------|------------------------------|----|--------------------|
|                | Email                 | varchar(128) | No  | Email Address                | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | PhysicalAddress       | varchar(50)  | No  | Physical Address             | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | PassportID            | varchar(50)  | No  | ID or Passport Number        | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | Active                | bit          | No  | Y or N for Yes or No         | True or False                |    |                    |
| jobsdb_JobPost | ID                    | int          | No  | Unique Identifier            | 999999                       | PK |                    |
|                | Title                 | varchar(50)  | No  | Job Title                    | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | Overview              | varchar(MAX) | No  | Job Description              | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | Company               | int          | No  | Company ID                   | 999999                       | FK | jobsdb_Employer    |
|                | Country               | int          | No  | Country ID                   | 999999                       | FK | jobsdb_Country     |
|                | Region                | int          | Yes | Region ID                    | 999999                       | FK | jobsdb_Region      |
|                | Location              | int          | Yes | Location ID                  | 999999                       | FK | jobsdb_Location    |
|                | Category              | int          | No  | Job Category ID              | 999999                       | FK | jobsdb_JobCategory |
|                | Type                  | int          | No  | Job Type ID                  | 999999                       | FK | jobsdb_JobType     |
|                | WorkExperience        | int          | No  | Work Experience in Years     | 999999                       |    |                    |
|                | WorkExperienceComment | varchar(MAX) | Yes | Work Experience comments     | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | EducationLevel        | int          | No  | Education ID                 | 999999                       | FK | jobsdb_Education   |
|                | EducationLevelComment | varchar(MAX) | Yes | Education comments           | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | PersonalAttributes    | varchar(MAX) | No  | Personal Attributes comments | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | Competencies          | varchar(MAX) | No  | Competencies comments        | XXXXXXXXXXXXXXXXXXXX<br>xxxx |    |                    |
|                | PostDate              | datetime     | Yes | Job post date                | dd/MM/yyyy<br>00:00:00       |    |                    |

|                           |             |             |     |                                    |                               |           |                  |
|---------------------------|-------------|-------------|-----|------------------------------------|-------------------------------|-----------|------------------|
|                           | ExpireDate  | datetime    | Yes | job expire date                    | dd/MM/yyyy<br>00:00:00        |           |                  |
| jobsdb_UnitOrder          | OrderNum    | int         | No  | Unique Identifier                  | 999999                        | PK        |                  |
|                           | Employer    | int         | No  | Company ID                         | 999999                        | FK        | jobsdb_Employer  |
|                           | UnitAmount  | int         | No  | Unit cost in kwacha                | 999999                        |           |                  |
|                           | UnitQty     | int         | No  | unit quantity                      | 999999                        |           |                  |
|                           | Date        | datetime    | No  | date or order                      | dd/MM/yyyy<br>00:00:00        |           |                  |
|                           | Paid        | char(1)     | No  | Y or N for Yes or No               | x                             |           |                  |
|                           | Credited    | char(1)     | No  | Y or N for Yes or No               | x                             |           |                  |
|                           | Active      | char(1)     | No  | Y or N for Yes or No               | x                             |           |                  |
| jobsdb_Application        | JobseekerID | int         | No  | Unique Identifier,<br>Jobseeker ID | 999999                        | PK,F<br>K | jobsdb_JobSeeker |
|                           | JobPostID   | int         | No  | Unique Identifier, JobPost<br>ID   | 999999                        | PK,F<br>K | jobsdb_JobPost   |
|                           | Date        | varchar(50) | No  |                                    | xxxxxxxxxxxxxxxxxxxxx<br>xxxx |           |                  |
| jobsdb_PurchasedJobseeker | Company     | int         | No  | Unique Identifier,<br>Company ID   | 999999                        | PK,F<br>K | jobsdb_Employer  |
|                           | Jobseeker   | int         | No  | Unique Identifier,<br>Jobseeker ID | 999999                        | PK,F<br>K | jobsdb_JobSeeker |
| jobsdb_AccountStatus      | ID          | int         | No  | Unique Identifier                  | 999999                        | PK        |                  |
|                           | Status      | varchar(10) | No  | Status                             | xxxxxxxx                      |           |                  |
| jobsdb_Country            | ID          | int         | No  | Unique Identifier                  | 999999                        | PK        |                  |
|                           | Status      | varchar(10) | No  | Status description                 | xxxxxxxx                      |           |                  |
| jobsdb_Region             | ID          | int         | No  | Unique Identifier                  |                               | PK        |                  |
|                           | Region      | varchar(20) | No  | Region                             | xxxxxxxxxxxxxxxxxxxxx         |           |                  |
| jobsdb_Location           | ID          | int         | No  | Unique Identifier                  | 999999                        | PK        |                  |
|                           | Location    | varchar(20) | No  | Location                           | xxxxxxxxxxxxxxxxxxxxx         |           |                  |
|                           | Region      | int         | No  | Region                             | 999999                        | FK        | jobsdb_Region    |
| jobsdb_Education          | ID          | int         | No  | Unique Identifier                  | 999999                        | PK        |                  |

|                     |                |             |    |                             |                              |    |  |
|---------------------|----------------|-------------|----|-----------------------------|------------------------------|----|--|
|                     | EducationLevel | varchar(50) | No | Education Level Description |                              |    |  |
| jobsdb_JobCategory  | ID             | int         | No | Unique Identifier           | 999999                       | PK |  |
|                     | Category       | varchar(50) | No | Job Category Description    | xxxxxxxxxxxxxxxxxxxx<br>xxxx |    |  |
| jobsdb_Nationality  | ID             | int         | No | Unique Identifier           | 999999                       | PK |  |
|                     | Nationality    | varchar(50) | No | Nationality                 | xxxxxxxxxxxxxxxxxxxx<br>xxxx |    |  |
| jobsdb_JobType      | ID             | int         | No | Unique Identifier           | 999999                       | PK |  |
|                     | JobType        | varchar(20) | No | Job Type                    | xxxxxxxxxxxxxxxxxxxx<br>x    |    |  |
| jobsdb_StoredValues | Value          | int         | No | Value                       | 999999                       |    |  |
|                     | Description    | varchar(50) | No | Values description          | xxxxxxxxxxxxxxxxxxxx<br>xxxx |    |  |
| jobsdb_Experience   | Years          | int         | No | Unique Identifier           | 999999                       | PK |  |

Asp.Net Memebership  
Tables

| Table Name         | Attribute Name          | Data Type            | Nul<br>l | PK/FK |
|--------------------|-------------------------|----------------------|----------|-------|
| aspnet_Memebership | ApplicationId           | uniqueidentif<br>ier | No       |       |
|                    | UserId                  | uniqueidentif<br>ier | No       | PK    |
|                    | Password                | nvarchar(128<br>)    | No       |       |
|                    | PasswordFormat          | int                  | No       |       |
|                    | PasswordSalt            | nvarchar(128<br>)    | No       |       |
|                    | MobilePIN               | nvarchar(16)         | Yes      |       |
|                    | Email                   | nvarchar(256<br>)    | Yes      |       |
|                    | LoweredEmail            | nvarchar(256<br>)    | Yes      |       |
|                    | PasswordQuestion        | nvarchar(256<br>)    | Yes      |       |
|                    | PasswordAnswer          | nvarchar(128<br>)    | Yes      |       |
|                    | IsApproved              | bit                  | No       |       |
|                    | IsLockedOut             | bit                  | No       |       |
|                    | CreateDate              | datetime             | No       |       |
|                    | LastLoginDate           | datetime             | No       |       |
|                    | LastPasswordChangedDate | datetime             | No       |       |
|                    | LastLockoutDate         | datetime             | No       |       |

|                     |  |                  |     |       |
|---------------------|--|------------------|-----|-------|
|                     | FailedPasswordAttemptCount             | int              | No  |       |
|                     | FailedPasswordAttemptWindowStart       | datetime         | No  |       |
|                     | FailedPasswordAnswerAttemptCount       | int              | No  |       |
|                     | FailedPasswordAnswerAttemptWindowStart | datetime         | No  |       |
|                     | Comment                                | ntext            | Yes |       |
| aspnet_Roles        | ApplicationId                          | uniqueidentifier | No  |       |
|                     | RoleId                                 | uniqueidentifier | No  | PK    |
|                     | RoleName                               | nvarchar(256)    | No  |       |
|                     | LoweredRoleName                        | nvarchar(256)    | No  |       |
|                     | Description                            | nvarchar(256)    | Yes |       |
| aspnet_UsersInRoles | UserId                                 | uniqueidentifier | No  | PK,FK |
|                     | RoleId                                 | uniqueidentifier | No  | PK,FK |

### 3.5. Queries

Many queries were created in the development of the system. Some of the more important queries and their functionality are listed below. (Queries in Microsoft SQL Transact-SQL)

This query selects companies who have posted jobs. It is used on the company/advertiser listing page.

```
SELECT jobsdb_Employer.ID, jobsdb_Employer.CompanyName,
      (SELECT Category
       FROM jobsdb_JobCategory
       WHERE (ID = jobsdb_Employer.Category)) AS CategoryName,
      jobsdb_Employer.WebsiteURL
FROM jobsdb_Employer INNER JOIN      jobsdb_JobPost ON jobsdb_Employer.ID =
      jobsdb_JobPost.Company
WHERE (jobsdb_JobPost.ExpireDate >= GETDATE())
GROUP BY jobsdb_Employer.ID, jobsdb_Employer.CompanyName,
      jobsdb_Employer.Category, jobsdb_Employer.WebsiteURL
ORDER BY jobsdb_Employer.CompanyName
```

This query selects the top 10 companies for posted jobs. Jobs per company and return top 10 in order from highest to lowest with company name.

```
SELECT      TOP (10) COUNT(Company) AS Count, Company
FROM        jobsdb_JobPost
GROUP BY Company
ORDER BY Count DESC
```



This query selects job post details with correct columns and id columns for job posts that have an expiry date greater than the current date and ensure that these are generated from only active companies/advertisers. This query is used to create a view that is the basis of the job search engine as well as all job posts.

View is listed as jobsdb\_ActiveJobPost\_View and jobsdb\_ActiveJobPost\_DetailedView(more detailed version)

```

dbo.jobsdb_JobPost.Overview,
        (SELECT
            FROM
                dbo.jobsdb_Employer
            WHERE
                (dbo.jobsdb_JobPost.Company =
ID)) AS Company, dbo.jobsdb_JobPost.Company AS CompanyID,
        (SELECT
            FROM
                dbo.jobsdb_Country
            WHERE
                (ID =
dbo.jobsdb_JobPost.Country)) AS Country, dbo.jobsdb_JobPost.Country AS
CountryID,
        (SELECT
            FROM
                dbo.jobsdb_Region
            WHERE
                (ID =
dbo.jobsdb_JobPost.Region)) AS Region, dbo.jobsdb_JobPost.Region AS
RegionID,
        (SELECT
            FROM
                dbo.jobsdb_Location
            WHERE
                (ID =
dbo.jobsdb_JobPost.Location)) AS Location, dbo.jobsdb_JobPost.Location AS
LocationID,
        (SELECT
            FROM
                dbo.jobsdb_JobCategory
            WHERE
                (ID =
dbo.jobsdb_JobPost.Category)) AS Category, dbo.jobsdb_JobPost.Category AS
CategoryID,
        (SELECT
            FROM
                dbo.jobsdb_JobType
            WHERE
                (ID =
dbo.jobsdb_JobPost.Type)) AS Type,
        (SELECT
            FROM
                dbo.jobsdb_Education
            WHERE
                (ID =
dbo.jobsdb_JobPost.EducationLevel)) AS Education,
        dbo.jobsdb_JobPost.WorkExperience, dbo.jobsdb_JobPost.PostDate,
        dbo.jobsdb_JobPost.ExpireDate,
        dbo.jobsdb_JobPost.WorkExperienceComment,
        (SELECT
            FROM
                dbo.jobsdb_Education AS
jobsdb_Education_1
            WHERE
                (ID =
dbo.jobsdb_JobPost.EducationLevel)) AS EducationLevel,
        dbo.jobsdb_JobPost.EducationLevelComment,
        dbo.jobsdb_JobPost.PersonalAttributes,
        dbo.jobsdb_JobPost.Competencies
FROM
        dbo.jobsdb_JobPost INNER JOIN
        dbo.jobsdb_Employer AS jobsdb_Employer_1 ON
        dbo.jobsdb_JobPost.Company = jobsdb_Employer_1.ID
WHERE
        (jobsdb_Employer_1.Active = 'Y') AND
        (dbo.jobsdb_JobPost.ExpireDate >= GETDATE())

```

This query selects jobseeker applications for jobs posted jobs and returns company companyID, job and post details for a jobseekers email address. Used on jobseekers account to display job applications for current user.

```
SELECT      jobsdb_JobPost.ID AS JobPostID, jobsdb_JobPost.Title,
jobsdb_Employer.ID AS CompanyID, jobsdb_Employer.CompanyName,
jobsdb_JobPost.PostDate,
              jobsdb_JobPost.ExpireDate
FROM        jobsdb_JobSeeker INNER JOIN
              jobsdb_Application ON jobsdb_JobSeeker.ID =
jobsdb_Application.JobseekerID INNER JOIN
              jobsdb_JobPost ON jobsdb_Application.JobPostID =
jobsdb_JobPost.ID INNER JOIN
              jobsdb_Employer ON jobsdb_JobPost.Company =
jobsdb_Employer.ID
WHERE       (jobsdb_JobSeeker.Email = @Email)
```

This query retrieves jobseeker information based on a specific job post ID. Used in advertiser account to display applications for job posts

```
SELECT      jobsdb_Application.JobseekerID, jobsdb_JobSeeker.FirstName,
jobsdb_JobSeeker.LastName, jobsdb_JobSeeker.Email,
jobsdb_JobSeeker.ContactNumber
FROM        jobsdb_Application INNER JOIN
              jobsdb_JobSeeker ON
jobsdb_Application.JobseekerID = jobsdb_JobSeeker.ID
WHERE       (jobsdb_Application.JobPostID = @JobPostID)
```

**Basis query used to select detail for Advertiser/Company**

```
SELECT          ID, CompanyName, ContactName, Email,
                (SELECT          Country
                  FROM            jobsdb_Country
                  WHERE           (ID =
jobsdb_Employer.Country)) AS CountryName,
                (SELECT          Region
                  FROM            jobsdb_Region
                  WHERE           (ID = jobsdb_Employer.Region))
AS RegionName,
                (SELECT          Location
                  FROM            jobsdb_Location
                  WHERE           (ID =
jobsdb_Employer.Location)) AS LocationName, ContactNumber,
AltContactNumber, PostalAddress, WebsiteURL,
                (SELECT          Category
                  FROM            jobsdb_JobCategory
                  WHERE           (ID =
jobsdb_Employer.Category)) AS CategoryName, Description, Logo
FROM            jobsdb_Employer
```

**Basis query used to select detail for Jobseeker**

```
SELECT          ID, FirstName, LastName, Email,
                (SELECT          Country
                  FROM            jobsdb_Country
                  WHERE           (ID =
jobsdb_JobSeeker.Country)) AS Country,
                (SELECT          Region
                  FROM            jobsdb_Region
                  WHERE           (ID =
jobsdb_JobSeeker.Region)) AS Region,
                (SELECT          Location
                  FROM            jobsdb_Location
                  WHERE           (ID =
jobsdb_JobSeeker.Location)) AS Location,
                (SELECT          Nationality
                  FROM            jobsdb_Nationality
                  WHERE           (ID =
jobsdb_JobSeeker.Nationality)) AS Nationality, ID_Passport, ContactNumber,
                (SELECT          Category
                  FROM            jobsdb_JobCategory
                  WHERE           (ID =
jobsdb_JobSeeker.JobCategory)) AS Category,
                (SELECT          JobType
                  FROM            jobsdb_JobType
                  WHERE           (ID =
jobsdb_JobSeeker.JobType)) AS Type, Experience,
                (SELECT          EducationLevel
                  FROM            jobsdb_Education
                  WHERE           (ID =
jobsdb_JobSeeker.Education)) AS Education, CV
FROM            jobsdb_JobSeeker
```

### 3.6. Reports

Two system reports have been generated. Screenshots of these reports are provided below.

The screenshot shows the ZAMJOBS.COM website interface. The top navigation bar includes links for Home, Job Seeker, Advertiser, Employment In Zambia, FAQs, and Contact Us. The left sidebar contains the 'Administrator Controls' menu with options like Signout, Profile, Edit Details, and various management tools. The main content area displays the 'Reports' section with tabs for 'Unit Orders' and 'Employer Details'. The 'Employer Details' report is selected, showing a table of employer contact information. The table has columns for Company Name, Contact Name, Email, Contact Number, Alt Contact Number, and Website URL. The report is titled 'Employer Contact Details' and includes a pagination bar indicating '1 of 1' records.

**Administrator Controls** [Signout](#)

Welcome, jarred@hotmail.com  
[Profile](#)  
[Edit Details](#)  
[Manage Administrators](#)  
[Manage Advertiser Units](#)  
[Manage Advertisers](#)  
[Manage Jobseekers](#)  
[Manage Job Posts](#)  
[Manage Utilities](#)  
[Reports](#)  
[Change Password](#)

[Home](#) > [Administrator Profile](#) > Reports

**Reports**

[Unit Orders](#) [Employer Details](#)

1 of 1 Select a format Export

### Employer Contact Details

| Company Name                        | Contact Name | Email            | Contact Number | Alt Contact Number | Website URL         |
|-------------------------------------|--------------|------------------|----------------|--------------------|---------------------|
| DDTA                                | Rosa Jardine | ddta@yahoo.com   | 0966902453     |                    |                     |
| Dynamic Dimensions Training Academy | Jardine      | ddta@hotmail.com | 0966902453     |                    |                     |
| fqm                                 | fqm          | fqm@hotmail.com  | 0966902453     | 65465              |                     |
| lows                                | hi           | lows@hotmail.com | sdf            | sdf                | www.lows.co.zm      |
| FQM2                                | Adrian       | fqm2@hotmail.com | 0966555551     | 0966555556         | http://www.fqm2.com |
| Northrise University                | Dr Mutesa    | nu@hotmail.com   | 0966902453     | 0966902453         | http://www.nu.com   |

## Administrator Controls

[Signout](#)

Welcome,  
jarred@hotmail.com

[Profile](#)

[Edit Details](#)

[Manage Administrators](#)

[Manage Advertiser Units](#)

[Manage Advertisers](#)

[Manage Jobseekers](#)

[Manage Job Posts](#)

[Manage Utilities](#)

[Reports](#)

[Change Password](#)

[Home](#) > [Administrator Profile](#) > Reports

## Reports

[Unit Orders](#)

[Employer Details](#)

1 of 1

Select a format

## Unit Orders

| Order Num | Employer | Unit Amount | Unit Qty | Date                  | Paid | Credited | Active |
|-----------|----------|-------------|----------|-----------------------|------|----------|--------|
| 1         | 6        | 100000      | 7        | 6/29/2010 12:00:00 AM | Y    | Y        | N      |
| 2         | 6        | 100000      | 10       | 6/15/2010 12:00:00 AM | Y    | Y        | Y      |
| 3         | 2        | 100000      | 10       | 7/6/2010 12:00:00 AM  | Y    | Y        | Y      |
| 4         | 6        | 100000      | 4        | 7/6/2010 12:00:00 AM  | Y    | Y        | Y      |
| 5         | 6        | 100000      | 4        | 7/6/2010 12:00:00 AM  | Y    | Y        | Y      |
| 6         | 6        | 100000      | 15       | 7/6/2010 12:00:00 AM  | Y    | Y        | Y      |
| 7         | 6        | 100000      | 15       | 7/6/2010 12:00:00 AM  | Y    | Y        | Y      |
| 8         | 2        | 100000      | 3        | 7/6/2010 12:00:00 AM  | Y    | Y        | Y      |
| 9         | 2        | 100000      | 3        | 7/6/2010 12:00:00 AM  | N    | N        | Y      |
| 10        | 6        | 100000      | 1        | 7/6/2010 12:00:00 AM  | Y    | Y        | Y      |

## 4. Technologies Used

Technologies used include the programs and systems that this project was created with.

### Programs

- Microsoft Visual Studio 2008 Express
- Microsoft SQL Server 2005 Express
- Adobe Dreamweaver CS4
- Adobe Photoshop CS4
- Microsoft Word 2007
- Microsoft Excel 2007
- Microsoft Visio Professional 2007
- Microsoft Project Professional 2007
- Microsoft Power Point 2007

### Programming Languages and Technologies

- HyperText Markup Language (HTML)
- Dynamic HyperText Markup Language (DHTML)
- Extensible Markup Language (XML)
- Cascading Style Sheets (CSS)
- C#
- Active Server Pages .Net (ASP.Net)
- ADO.Net
- Transact Structured Query Language (T-SQL)

### Browsers Used for testing

- Mozilla Firefox 3.6
- Opera 10.1
- Internet Explorer 6.0
- Internet Explorer 8.0

## 5. User Manual

Thank you for using ZamJobs.com online job recruitment system. Below are some pointers on how to use the system.

### Getting Started

ZamJobs.com can be accessed using any web browser. Set your address url to <http://www.zamjobs.com> to get started. This will direct you to the ZamJobs.com home page.

The screenshot shows the ZamJobs.com homepage with the following callouts:

- 1. Statistics:** A box in the top right corner showing: Statistics, Jobseekers 9, Advertisers 6, Job Posts 35.
- 2. Menu Links:** A horizontal menu at the top with links: Home, Job Seeker, Advertiser, Employment In Zambia, FAQs, Contact Us.
- 3. Quick Search:** A search box on the left with fields for Search Job Title, Category (Any Category), and Region (Any Region), and a Search button.
- 4. Top Advertisers:** A list of top advertisers on the left: FQM2, Northrise University, Dynamic Dimensions, Training Academy.
- 5. Main Content:** The central area with a 'Welcome to ZamJobs!' message and a brief description of the site's purpose.
- 6. Login/User Controls:** A box on the right with links for 'login' and 'click here' for users and advertisers.
- 7. Ad Rotator:** A large advertisement on the right with the text 'ZAMJOBS Advertise With Us Today'.
- 8. Breadcrumbs:** A breadcrumb trail below the menu links: Home > Advertiser > Listing.

The main content area is divided into two columns: **Jobseekers** and **Advertiser**.

**Jobseekers:**

- Search Advertisers:** Research companies to find out more on Zambia top employers.
- Free CV space on the web:** Register and upload your CV to give companies nation wide access to your details. It just might help get you that break in your career.
- Instantly Notify Employers:** "Apply" for a job post in order to instantly notify a company of your interest in their vacancy. They will immediately gain access to your CV and details.

**Advertiser:**

- Advertise Jobs Online:** Advertise all your vacancies online and reach thousands of job-seekers both nationwide and internationally.
- CV Search:** Search amongst Jobseeker registered with us and gain access to their CVs and find the best professionals nationwide.
- Free Company Profile Page:** We will create a page on our website to promote your business, displaying your name, logo and details. Jobseeker will be able to Search all your job post from your profile page.

**Company Jobseeker:**

Search by Region and Location

|   |                                   |                          |
|---|-----------------------------------|--------------------------|
| <b>Copperbelt (22)</b><br>Ndola (6)<br>Kitwe (5)<br>Luansha (5)<br>Chingola (6) | <b>Lusaka (11)</b><br>Lusaka (11) | <b>Central (0)</b>       |
| <b>Southern (3)</b><br>Livingstone (3)  | <b>Western (0)</b>                | <b>North Western (0)</b> |
| <b>Eastern (0)</b>  | <b>Luapula (0)</b>                | <b>Northern (0)</b>      |

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Familiarize yourself with the interface.

1. **Statistics**  
Shows a count of active advertisers, active jobseeker, and current job posts.
2. **Menu Links**  
These are links to other pages on the site. Links change on hover over.
3. **Quick Search**  
The quick search control allows you to easily and quickly request a job search from any page on the site.
4. **Top Advertisers**  
The top advertisers control display up to ten advertisers with the most job posts. This allows these advertisers to have priority by promoting them on all pages as they have purchased the most job posts.
5. **Main Content**  
The main content section changes on each page request. This is where the pages main information is displayed.
6. **Login/User Controls**  
The login and user control section changes according to each user. Once logged in the panel will display information relevant to the user your are logged in as and provides quick links to your account features.

[Login](#)  
If your looking for a job and have not yet signed up [click here](#)  
If your looking to advertise jobs and have not yet signed up [click here](#)

**Jobseeker Controls** [Signout](#)  
  
Welcome, tjones@hotmail.com  
[Profile](#)  
[Job Search](#)  
[Edit Details](#)  
[View Applications](#)  
[Upload/Change CV](#)  
[Change Password](#)

**Advertiser Controls** [Signout](#)  
  
Welcome, nu@hotmail.com  
Units = 0  
[Profile](#)  
[Edit Details](#)  
[View Posted Job Advert](#)  
[Post Job Advert](#)  
[View Applications \(4\)](#)  
[Search Jobseekers](#)  
[Purchased Jobseekers](#)  
[Order/Purchase History](#)  
[Purchase Units](#)  
[Upload Logo](#)  
[Change Password](#)

7. **Ad Rotator**  
The control displays adverts at random.
8. **Breadcrumbs**  
This section appears on each page and determines a pages location on the site and appropriately lets you know where you are at any given time. It also allows you to back track to a more familiar page.

[Home](#) > Job Search



Features that our anonymous (none logged in) have access to include:  
Viewing site information, contact details, etc,  
Job Search features.

In order for you to be able to either apply for jobs or post jobs you will need to be registered and logged in with your user account. Click on the appropriate register as jobseeker or advertiser links on the home page or login page. This link will direct you to the appropriate registration pages.

Jobseekers are required to fill in all details and upload your CV in Microsoft Words .doc format. File should be no larger than 128kb. Once registered you may proceed to login page.

Advertisers are required to fill in main company/advertiser details in order to register.

Note: Agreement to terms and conditions is required

Once registered, login from the login page. Enter email and password credentials in order to login. You will be directed to your profile page. On the right hand side of the profile page are links to your accounts features.

### **Jobseeker**

Jobseeker can edit their details, search jobs and apply for them, view jobs applied for, Upload or download their CV and change their password.

Jobseeker can search for a required job advert, view its details and apply for it. The advertiser will then be alerted to your application and may or may not notify you further.

### **Advertiser**

Advertisers can edit details, view applications for jobs posted, post adverts, purchase jobseekers details, purchase credits, upload logo, and change password.

Advertiser will be required to purchase units before they will be able to post adverts or purchase jobseeker details. Clicking on the order unit's link on the user control panel on right will take the advertiser through a step by step guide on purchasing units.

Once all transactions have taken place allow for administration to credit your account. Once your account is credited you will be able to post or extend advertisements as well as be able to purchase jobseeker details.

## **6.1. Proposal**

## **6. Appendix**