ResearchGate

See discussions, stats, and author profiles for this publication at: https://www.researchgate.net/publication/380347559

ONLINE JOB PORTAL MANAGEMENT SYSTEM

Research Proposal · March 2020

DOI: 10.13140/RG.2.2.14485.13280

CITATIONS
0

READS
1,864

1 author:

Kamal Acharya
Tribhuvan University
231 PUBLICATIONS **3,766** CITATIONS

SEE PROFILE

All content following this page was uploaded by Kamal Acharya on 05 May 2024.

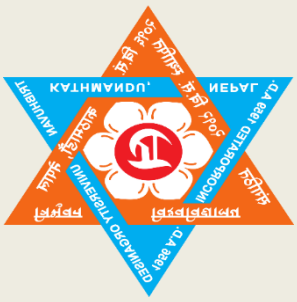
The user has requested enhancement of the downloaded file.

AN

INTERNSHIP REPORT ON

ONLINE JOB PORTAL MANAGEMENT SYSTEM

TRIBHUVAN UNIVERSITY



In partial fulfillment of the requirements for the degree of

M.sc

In

COMPUTER SCIENCE AND INFORATION TECHNOLOGY

Submitted to :

Department of Computer Science And Information Technology

TRIBHUVAN UNIVERSITY

Kirtipur Kathmandu, Nepal

Submitted By:

Kamal Acharya

March, 2020

1.1 ORGANIZATION PROFILE

Aassan Formed in 2011, we are vastly experienced web design and software development company . Being a relatively very small family, we are contactable, approachable and most importantly we work smart to make sure the client get what they want and we deliver the best web solution for you.

We offer Website Design, Custom Web development, E-commerce, system Applications, Mobile Applications and SEO Promotion. We are Tiruppur India based web design company.

All our websites have customer impact. We create highly successful custom Web applications, e-commerce solutions and shopping cart systems with safe and secure credit card payment gateways and Content Management Systems (CMS) websites.

We have a good capable team of web designers, PHP, ASP, .NET Programmers, Content Writers, SEO professionals who know how to deliver results. We treat each of our clients individually and therefore we do not offer set prices on any service.

Cost - Effective Solution providing Value for Money

Design - All of our websites and applications are innovative, original and honest.

Process - Driven Quality Assurance Framework

People - We have team of professionals with profound knowledge and skills in this industry.

EXISTING SYSTEM

This application having database which is a repository of an organization's electronically stored data. The databases are designed to facilitate analysis.

The classic Functionality of this Application focuses on data storage. However, the means to retrieve and analyze data, to extract, transform and load data, and to manage the data dictionary. To facilitate easy maintenance of records of various Recruiters (Companies), job and job seekers.

Draw Backs

- To check for details prospective jobseekers through not easy search provided in the portal.
- Difficult to access of all record.
- To difficult to match the suitable candidates to appropriate job.
- Can't Prevent and reduce human error.
- Increase manual work.

PROPOSED SYSTEM

The new system that was to be built in the organization need to have some creative concept that can help the user in the real manner and the next important thing is that it should give the cost effective solution to the user. Due to the collaborative nature of the application the user can really be an important part of it rather than just using it blindly. As the prior applications were not providing the user portability, the new application should be created for manage jobseekers and employers (recruiters) so that user can access the application at any of the corner in the world into his/her hand only. The new application also gives the user the liberty to know and use the application from the web through the web modules which gives complete information of the application.

Advantages:

- ⇨ 56 kbps or higher Internet connection is required for Client Server Communication.
- ⇨ System should be able to give response on time. Loading time of system should not be too much.
- ⇨ Secure access of confidential data (user's details). SSL can be used.
- ⇨ 24 X 7 availability.
- ⇨ Better component design to get better performance at peak time
- ⇨ Flexible service based architecture will be highly desirable for future extension.
- ⇨ Uninterrupted mail services.

SYSTEM SPECIFICATION

HARDWARE CONFIGURATION

- Intel Dual Core Processor
- 1 GB Ram
- 512 KB Cache Memory
- Hard disk 320 GB
- Microsoft Compatible 101 or more Key Board

SOFTWARE SPECIFICATION

- **Operating System** **:** Windows XP
- **Programming Language** **:** PHP
- **Front End** **:** HTML
- **Back End** **: M**SQL

CHAPTER - III

3. SYSTEM DESIGN & DEVELOPMENT

3.1 FILE DESIGN

A file may be defined as a collection of items of data organized into records in such a way that specific items of data or record can be retrieved and accommodated in main storage when required for processing. Input files carry the input data to the system via the input validation program of the computer. Output files carry the output from a computer system either to be printed or for input to another system.

3.2 INPUT DESIGN

The input design is the link between the information system and the user. It comprises the developing specification and procedures for data preparation and those steps are necessary to put transaction data in to a usable form for processing can be achieved by inspecting the computer to read data from a written or printed document or it can occur by having people keying the data directly into the system.

The design of input focuses on controlling the amount of input required, controlling the errors, avoiding delay, avoiding extra steps and keeping the process simple. The input is designed in such a way so that it provides security and ease of use with retaining the privacy.

3.3 OUTPUT DESIGN

A quality output is one, which meets the requirements of the end user and presents the information clearly. In any system results of processing are communicated to the users and to other system through outputs. In output design it is determined how the information is to be displaced for immediate need and also the hard copy output. It is the most important and direct source information to the user. Efficient and intelligent output design improves the system's relationship to help user decision-making.

3.4 DATABASE DESIGN

The database design involves creation of tables. Tables are represented in physical database as stored files. They have their own independent existence. A table consists of rows and columns. Each column corresponds to a piece of information, specific to a particular item. Program design: In conjunction with database design is a decision on the programming

language to be used and the flowcharting, coding, and debugging procedure prior to conversion.

The operating system limits the programming languages that will run of the system. System and program test preparation. Each aspect of the system has a separate test requirement. System testing is done after all programming and testing completed the test on system and program test requirements become a part of design specifications a prerequisite to implementation.

In contrast to the system testing is acceptance testing, which puts the system through a procedure design to convince the user that the proposed system will meet the stated requirements. Acceptance testing is technically similar to system testing but politically it is different.

.

3.5 SYSTEM DEVELOPMENT

DESIGNING: HTML

HTML 5 is a markup language used for structuring and presenting content for the World Wide Web and a core technology of the Internet. It is the fifth revision of the HTML standard (created in 1990 and standardized as HTML 4 as of 1997) and, as of December 2012, is a candidate recommendation of the World Wide Web Consortium (W3C). Its core aims have been to improve the language with support for the latest multimedia while keeping it easily readable by humans and consistently understood by computers and devices (Web browsers, parsers, etc.). HTML5 is intended to subsume not only HTML 4, but also XHTML 1 and DOM Level 2 HTML.

Following its immediate predecessors HTML 4.01 and XHTML 1.1, HTML5 is a response to the fact that the HTML and XHTML in common use on the World Wide Web are a mixture of features introduced by various specifications, along with those introduced by software products such as Web browsers, those established by common practice, and the many syntax errors in existing Web documents. It is also an attempt to define a single markup language that can be written in either HTML or XHTML syntax. It includes detailed processing models to encourage more interoperable implementations; it extends, improves and rationalizes the markup available for documents, and introduces markup and application programming interfaces (APIs) for complex Web applications. For the same reasons, HTML5 is also a potential candidate for cross-platform Web applications. Many features of HTML5 have been built with the consideration of being able to run on low-powered devices such as smart phones and tablets. In December 2011, research firm Strategy Analytics forecast sales of HTML5 compatible phones will top 1 billion in 2013.In particular HTML5 adds many new syntactic features. These include the new <video>, <audio> and <canvas> elements, as well as the integration of scalable vector graphics (SVG) content (that replaces the uses of generic <object> tags) and MathML for mathematical formulas. These features are designed to make it easy to include and handle multimedia and graphical content on the Web without having to resort to proprietary plugging and APIs.

Other new elements, such as <section>, <article>, <header> and <nav>, are designed to enrich the semantic content of documents. New attributes have been introduced for the same

purpose, while some elements and attributes have been removed. Some elements, such as <a>, <cite> and <menu> have been changed, redefined or standardized. The APIs and Document Object Model (DOM) are no longer afterthoughts, but are fundamental parts of the HTML5 specification. HTML5 also defines in some detail the required processing for invalid documents so that syntax errors will be treated uniformly by all conforming browsers and other user agents.

SERVICE: PHP

PHP 5.0

PHP is a scripting language that id often imbedded into HTML to add functions HTML alone can't do. PHP allows you to collect process and utilize data to create a desired output. In short, it lets you interact with your pages.

PHP is able to perform a number of tasks including printing data, making numeric calculations (such as addition or multiplication), making comparisons (which is bigger, are they equal, etc) and making simple Boolean choices. It helps us to create more complex loops and functions to make your page generate more specialized data.

PHP is a powerful server-side scripting language for creating dynamic and interactive Web applications.PHP is the widely-usd, free, and efficient alternative to competitors such as Microsoft's ASP. PHP is perfectly suited for Web development and can be embedded directly into the HTML code.PHP combined with MySQL are cross-platform (means that you can develop in Windows and serve on a UNIX platform).

The PHP syntax is very similar to Perl and C. PHP is often used together with Apache (Web server) on various operating systems. It also supports ISAPI and can be used with Microsoft's IIS on Windows.

It is used for the server side processing that deals with carrying of the object of the current Web page to the appropriate destination in the server's database mentioned in the PHP coding of the HTML page.

Web pages are fully created using the html coding where the controls like textbox, buttons, label etc are grouped together as a separate form. A Webpage can contain multiple forms. Also separate style sheets are been created as the files to specify the properties like font color, body background color etc.

Usage:

PHP is a general-purpose scripting language that is especially suited to server-side Web development where PHP generally runs on a Web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic Web page content. It can also be used for command-line scripting and client-side GUI applications. PHP can be deployed on most Web servers, many operating systems and platforms, and can be used with many relational database management systems. It is available free of charge, and the PHP Group provides the complete source code for users to build, customize and extend for their own use.

PHP primarily acts as a filter, taking input from a file or stream containing text and/or PHP instructions and outputs another stream of data; most commonly the output will be HTML. Since PHP 4, the PHP parser compiles input to produce byte code for processing by the Zend Engine, giving improved performance over its interpreter predecessor.

The LAMP architecture has become popular in the Web industry as a way of deploying Web applications. PHP is commonly used as the *P* in this bundle alongside Linux, Apache and MySQL, although the *P* may also refer to Python or Perl or some combination of the three.

Objects:

Basic object-oriented programming functionality was added in PHP 3 and improved in PHP 4. Object handling was completely rewritten for PHP 5, expanding the feature set and enhancing performance. In previous versions of PHP, objects were handled like primitive types. The drawback of this method was that the whole object was copied when a variable was assigned or passed as a parameter to a method. In the new approach, objects are referenced by handle, and not by value.

BACK END:

MYSQL

MySQL is a relational database system that is used to store information. MySQL can store many types of data from something as tiny as a single character to as large as complete files or graphics. Although it can be accessed by most programming languages, it is often coupled with PHP because they work together with ease.

Information stored in a MySQL database hosted on a Web server can be accessed from anywhere in the world with a computer. This makes it a good way to store information that needs the ability to change over time, but also needs to be accessed over the net. Some examples that can utilize MySQL are a Web message board or a customer's shipping status.

Many of the world's largest and fastest-growing organizations use MySQL to save time and money powering their high-volume Web sites, critical business systems, and packaged software-including industry leaders such as Yahoo!, Atleast-Lucent, Google, Nokia, You Tube, Wikipedia and Booking.com.

The flagship MySQL offering is MySQL Enterprise, a comprehensive set of production-tested software, proactive monitoring tools, and premium support services available in an affordable annual subscription.

MySQL is a key part of LAMP (Linux, Apache, MySQL, PHP/Perl/Python), the fast-growing open source enterprise software stack. More and more companies are using LAMP as an alternative to expensive proprietary software stacks because of its lower cost and freedom from platform lock-in.

The MySQL database is owned, developed and supported by Sun Microsystems, one of the world's largest contributors to open source software. MySQL was originally founded and developed in Sweden by two Swedes and a Finn: David Ax mark, Allan Larsson and Michael "Monty" Widenius, who had worked together since the 1980's.

Platforms and interfaces

MySQL is written in C and C++. The SQL parser uses yacc and a home-brewed lexer. MySQL works on many different system platforms, including AIX, BSDi, FreeBSD, HP-UX,

i5/OS, Linux, Mac OS X, NetBSD, Novell NetWare, OpenBSD, eComStation , OS/2 Warp, QNX, IRIX, Solaris, SunOS, SCO OpenServer, SCO UnixWare, Sanos, Tru64, Windows 95, Windows 98, Windows ME, Windows NT, Windows 2000, Windows XP, and Windows Vista. A port of MySQL to OpenVMS is also available.

Libraries for accessing MySQL databases are available in all major programming languages with language-specific APIs. In addition, an ODBC interface called MyODBC allows additional programming languages that support the ODBC interface to communicate with a MySQL database, such as ASP or ColdFusion. The MySQL server and official libraries are mostly implemented in ANSI C/ANSI C++.

To administer MySQL databases one can use the included command-line tool (commands: mysql and mysqladmin). Also downloadable from the MySQL site are GUI administration tools: MySQL Administrator and MySQL Query Browser. Both of the GUI tools are now included in one package called tools/5.0.html MySQL GUI Tools.

In addition to the above-mentioned tools developed by MySQL AB, there are several other commercial and non-commercial tools available. Examples include phpMyAdmin, a free Web-based administration interface implemented in PHP, or SQLyog Community Edition, a free desktop based GUI tool.

Issues:

There has been some controversy regarding the distribution of GPL licensed MySQL library files with other open source applications. The biggest controversy arose with PHP, which has a license incompatible with the GPL. This was later resolved when MySQL created a license exception that explicitly allows the inclusion of the MySQL client library in open source projects that are licensed under a number of OSI-compliant Open Source licenses, including the PHP License.

MySQL Values

MySQL database to be

- The best and the most-used database in the world for online applications
- Available and affordable for all

- Easy to use
- Continuously improved while remaining fast, secure and reliable
- Fun to use and improve
- Free from bugs

Main module of System

Jobseeker Section

Registration Module:

- User enter account details, contact details, and resume summary, education details, upload resume information to become a member.
- Free resume posting during the registration.
- User can easily select the job mail alert and news letter alert during the registration itself.
- Activation emails send it to the user after registration.

Login Module

- User easily login with their username and password.

Forget Password Module

- User receive mail for forget password

Home Page Module

- Home town search - user search the job in his / her home town
- Search agent - user can create the agent and search job by any one search agent
- User can block and unblock the companies which one company he / she want to block or unblock Set profile visibility of his / her profile.
- User can set their resume either active or inactive.
- Change password - user change new password into new password.
- User can preview, edit, delete and print their resume.
- User can update the profile

Search job Module

- Quick job search - Enter any keyword to search jobs.
- Advance job search - Enter keyword or experience or location or functional area to search jobs.
- Jobs search by role - Selecting the category or subcategory to search jobs.
- Job search by industry - Choose any one industry to search jobs.
- My Saved Jobs - User can view their saved jobs.

Saved Job Module

- User can save the jobs when they are searching the jobs in the site.
- User can apply the jobs from the saved job list.

Employer Section

Registration Module

- User enters their account information, company details, and primary contact details.
- User can easily select the job mail alert and news letter alert during the registration itself.
- Activation emails send it to the user after registration

Login Module

- User easily login with their username and password.

Forget Password Module

- User receive mail for forget password

Profile

- Profile view

Edit profile

- Update contact details - Name, Gender, DOB, Country and Contact Details
- Update resume summary - Experience, key skills, functional area, industry, resume headline.
- Update education details - Qualification, specialization and year of passing.

Find Candidate

- Find the job seekers who are apply for the posting jobs.
- View their responses.
- Recruiter can send email to the job seekers.
- Recruiters create the common mail message before sending the email.
- Recruiter can download the job seekers resume who are all apply for the job.
- Resume access

Recruiters are searching the application of the user.

- Enter the detail about job position, functional area, industry type, keyword, experience, qualification, location, country, and order by date.
- If the employer or recruiter was not order any package it shows the buy package link
- After the employers or recruiters are buying the package then only they can search the job seeker resumes.

Post job

- Post the job for recruitment.
- For posting the job the employer should order the package.
- If the user was not buying the pack they can't post any single job.

Database access

- Database accessing has two packages.
- By choosing any one they got the database accessing.

Job posting

- Job posting have four packages.
- By choosing any one they got the permission for how many jobs the employer or recruiter can post.
- Based on the package they have some validity. Up to the validity the employer can post the job after that they have to buy the package for post job.

Featured employer

- For featured employer have two types of packages.
- By choosing any one they got the information about the featured employers in their home page.

Posted jobs

- Posted jobs are listed.
- The employer can edit the jobs.
- Delete jobs.
- View jobs.

ADMIN SECTION:

Manage site:

- Administrator
- Maintain the administrator username and password.
- Add username and password.
- Edit and delete password. Functional Area
- Add functional area
- Edit functional area
- Remove functional area Industry Type
- Add industry type
- Edit industry type
- Remove industry type Home Page Ads
- Add home page ads.
- Edit ads
- Remove ads
- Maintain active and inactive ads

Enquires

- Queries or comments are posted by user.
- Manage the admin enquiries
- Reply queries or comments to the user.
- Delete enquiries.
- Edit about Us
- Edit the about us information
- Edit here in user view these information is update well.
- Edit Terms & conditions
- Edit the terms and condition information.
- Admin can edit this information and in user view these

Information will update.

- Edit Copyright
- Edit the copy right information.
- Admin can edit this information and in user view these
- Information will update.

Price settings:

- Database access price
- Add product

- Edit product
- Remove product
- These updates are viewed in the payment package details in user view section**.**

Job Postings

- Add product.
- Edit product.
- Remove product.
- Maintains the product name, days allowed, number jobs, price amount. The admin update and delete and add these details.

Featured Employer

- Add product.
- Edit product.
- Remove product.
- Maintains the product name, days allowed, number jobs, price amount. The admin update and delete and add these details.

Newsletters:

- Job seekers
- Send the news letter about the jobs site to the job seekers.

Recruiters

- Send the news letter about the jobs site to the recruiters.

Manage seekers:

- Users Address

- Maintains the user address information.

User's profile

- Maintains the user profile information.
- Delete the user profile.
- Make the user profile as an active or inactive profile.
- Based on that status when the recruiter search the resumes,

- If the profile status was active recruiter can view their user profile otherwise they can't view their profile information.
- When the admin is going to make the profile status either active or inactive admin have to enter the reason for change the profile status.
- Reason will send it to the user.

- **Manage employers:**

  Featured Employer

- Employer or recruiter buys the package for feature employer.
- Admin Maintain the featured logo details.
- Admin Mark the feature logo status either active or inactive
- Before mark as active or inactive the admin contact the recruiter to send the format of images.
- Based on the admin status it will view in the home page as a featured employer list.

  List of Members

- Maintains the database access members
- Maintain the standard employers.
- Maintain the featured employers.
- Maintain the list of premium employers.
- Maintain the list of club members.

Employers Address

- Maintain the employers address details.

Employers Profile

- Maintain the employers profile details
- Admin can delete the employers
- Admin can mark the employer either active or inactive.
- Admin can view employer's profile.

Reports:

- CV's Search-Nationality
- Maintain the CV's by nationality that is country vice.
- List the county and members count.
- Export these details in the excel format.

CV's Search-Industry

- Maintain the CV's by industry that is Industry vice.

- Maintain these details in the excel format.

Members Reports

- Maintain the CV's by nationality that is country vice.
- Maintain these details in the excel format.

Product Features
Manage Logo

- Admin Can Change Logo from Admin Panel
- Admin Also Upload New Logo for Website

Manage Site Information

- Admin can Change Website Name
- Admin can Website Path
- Admin can Manage Email Address

Manage Site Content

- Admin can Change Site Content
- Admin can Change Contact Information

CHAPTER IV

TESTING AND IMPLEMENTATION

4.1 SYSTEM TESTING

System testing is designed to uncovered weakness that was not found in earlier tests. This includes forced system failure and validation of the total system, as its uses in the operational environment will implement it. The total system is tested for recovery and fall back after various major failures to ensure that no data are lost during the emergency.

TYPES OF TESTS

Unit testing

Unit testing involves the design of test cases that validate that the internal program logic is functioning properly, and that program inputs produce valid outputs. All decision branches and internal code flow should be validated. It is the testing of individual software units of the application It is done after the completion of an individual unit before integration. This is a structural testing, that relies on knowledge of its construction and is invasive. Unit tests perform basic tests at component level and test a specific business process, application, and/or system configuration.

Integration testing

Integration tests are designed to test integrated software components to determine if they actually run as one program. Testing is event driven and is more concerned with the basic outcome of screens or fields. Integration tests demonstrate that although the components were individually satisfaction, as shown by successfully unit testing, the combination of components is correct and consistent. Integration testing is specifically aimed at exposing the problems that arise from the combination of components.

Functional test

Functional tests provide systematic demonstrations that functions tested are available as specified by the business and technical requirements, system documentation, and user manuals.

Functional testing is centered on the following items:

Valid Input : identified classes of valid input must be accepted.

Invalid Input : identified classes of invalid input must be rejected.

Functions : identified functions must be exercised.

Output : identified classes of application outputs must be exercised.

Systems/Procedures : interfacing systems or procedures must be invoked.

4.2 QUALITY ASSURANCE

The definitive definition of quality could be extended into an endless debate, for the purpose of this product, the definition of quality emphasizes on three important points.

- Software requirements are the foundation to the measurement of quality, hence, a lack in conformance to meet requirements is a lack of quality.
- Specified standard define a set of development criteria that guide the manner in which the product is developed, surely, If the criteria are not followed, lack of quality is certain.
- There are a set of implicit requirements that often go unmentioned, if the software conforms to these requirements but fails to meet them, the quality is a suspect. The following table represents criteria that subjected the product to quality scrutiny.

4.2.1 GENERIC RISKS

The risk analysis has of the SDLC takes into consideration the possible threats that are raised against the system. The risks that are possible will have to be analyzing carefully so that the system is devoid of any threats.

4.2.2 SECURITY TECHNOLOGIES AND POLICES

The quality of an information system depends on its design, testing and implementation. One aspect of system quality is its reliability or assurance that it don't produce cost failure the strategy of error tolerance rather than error avoidance are basis for successful testing and quality assurance for the user to log-in to the system he must specify user name and password.

When user enters user name and password, checking is done with already registered details in the database and validation is done. If the password doesn't matches user access is denied.

The login process provides strong security. Each user has given user name and password. By this way the system is secured unauthorized users. The user can access their data only. The database is protected with separated user name and password. So unauthorized user cannot access the database. The database is designed using access, which is highly secure and avoids any loss of data's registered in the database

- Doing a parallel run of the system to find out any errors identified and to correct them.
- Training of user personnel.
- The system has been tested with both sample and test data, and the errors identified are eliminated and implemented without any bugs. The user personals are also trained to use the system
- When the implementation co-ordination committee is satisfied, they will give approval to the new system and then it is installed and is provided to the data entry education and training.

4.3 SYSTEM IMPLEMENTATION

4.3.1 IMPLEMENTATION PROCEDURES

Implementation uses the design to produce code. The code is validated by demonstrated

that the program satisfies its specifications. Typically, sample runs of the program demonstrating the behavior for expected data values and boundary values are ret may take several iterations of the model to produce a working program. As programs get more complicated, testing and debugging alone may not be enough to produce reliable code. Instead, programs can be written in manners that will him that errors are caught or avoided.

Implementation of software requirements presents the real world manifestly of processing functions and information structures. A physical representation is developed as the first step in software design. The implementation phase is the important phase in the project development. Only in this phase the project is implemented, and it is ready for implementation after a number of tests.

While implementing the system should satisfy the needs of the customer. The system that is implemented should be flexible, compatible, and accurate. The system should work in a friendly manner so that it will be easy to operate.

Parallel Running

Parallel running or operation means processing current data by both the old and new system to cross check the results. Its main attraction is that the old system is kept alive and operational until the new system has been proved for at least one system cycle using full live data in the real operational of place, equipment and time.

4.3.2 USER MANUAL

USER TRAINING

Training requirements are easy to determine. They arise directly from the changes which the system analyst is bringing about. User managers must be informed of hoe the whole system works, its objectives new documents, files and procedures. New jobs may be created, existing jobs changed or eliminated. User staff must be instructed in how to perform their new tasks.

Training session must aim to give user staff the specific skills required in their new jobs. Thus they should contain large elements of practical activity. Ideally they should consist of short and regular sessions rather that a long, once-off period and they should be conducted with small groups rather than full number of staff, these facilities learning form peers.

The training is the most successful if conducted by the supervisor with the system analyst in attendance to sort out any queries, new methods will gain acceptance more quickly in this way. This also applies to user manual, if the users write their own manuals they will be more intelligible and more acceptable. Plenty of job-aids should be provided to assist in the learning process; these will include visual presentation of procedures, notices on machines, wall-charts, and use of different colors. Above all, the training sessions should be tailored to the learning processes, allowing assimilation over a period before more new information is fed in and providing feedback on progress.

OPERATIONAL DOCUMENTATION

The data flow diagram, database design, coding standard, sample outputs is properly documented and prepared as a record. A user reference manual was also prepared so that it may refer in case of any difficulties form the point of view.

Once the implementation plan is described, it is essential that the user of the system is made familiar and comfortable with environment. The user should be given a general idea of the system and what it is capable accomplishing. Useful tips and guidance is provided within the application itself. They have to be made aware that can be achieved with the new system and hoe it increase the performance of the system. Appropriate message and warning are provided in the software to guide user whenever they need assistance.

4.4 SYSTEM MAINTENANCE

The term “software maintenance” is used to describe the software engineering activities that occur following delivery of a software product to the customer. The maintenance phase of the software life is the time period in which a software product performs useful work.

In this project it deals adaptive maintenance. Adaptive of software to a new environment may involve moving the software to a different machine. Problem correction involves modification and revalidation of software to correct errors.

The enhancement of this project can be accomplished easily. That is, any new functional capabilities can be added to the project by simply including the new module in the homepage and giving a hyperlink to the module. Adaptation of this project to a new environment is also performed easily.

Adaptive Maintenance

Adaptive maintenance results in the modification to the software to accommodate changes to its external environment. In this project, dynamically we can add new components whenever necessary. Such as it is designed for accommodate all new changes. Adaptation of this software to a new environment may involve moving the software to a different machine.

Re-engineering

Re-engineering is entirely modifying the existing one. This project deals with the

engineering concept because entirely modifying the software in this project.

Benefits of software:

- More security and
- Easy to access.

CHAPTER - V

CONCLUSION

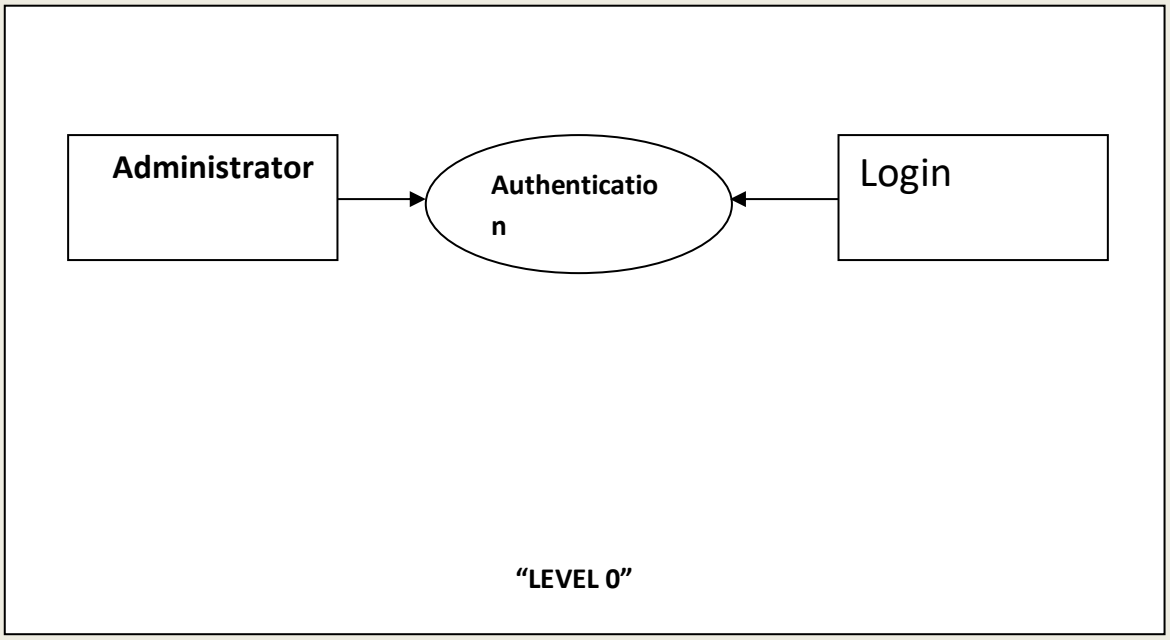
Completion of the development process will result in a software package that will provide user-friendly environment, which is very easy to work with, even for people with very little knowledge of computer.

Management of various tasks is incorporated in the package and will deliver the required information in a very easy to use and easy to access manner. This package will provide accuracy, efficiency, speed and easiness to the end user. Since the system is verified with valid as well as invalid data and is run with an insight into the necessary modifications that may require in the future, it can be maintained successfully.

DATAFLOW DIAGRAM

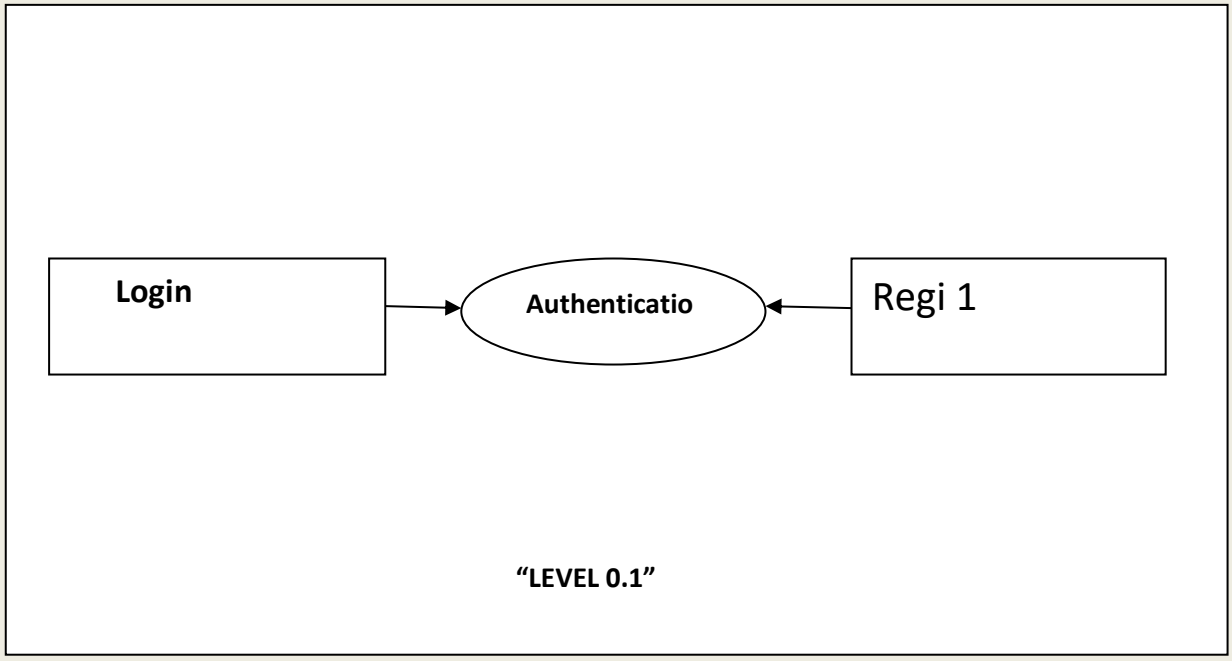
DFD

Administrator DFD



"LEVEL 0"

2 DFD



"LEVEL 0.1"

TABLE DESIGN

LOGIN

Field name	Data type	Constraint	Description

username	char(20)	Primary key	Name of user
password	varchar2(12)	-	Password of user
Role	char(10)	-	Admin/ HR /Candidate

CANDIDATE

Field name	**Data type**	**Constraint**	**Description**
candidate_id	number	Primary key	ID of Candidate
username	char(15)	Foreign key	Username
que_id	number	Foreign key	ID of Question

Ans	varchar2(15)	-	Answer
profile_date	date	-	Date of Profile
first_name	char(15)	-	First name of user
middle_name	char(15)	-	Middle name of user
last_name	char(15)	-	Last name of user
Gender	char(6)	-	Gender
Dob	date	-	Date of birth
contact_no	number(15)	-	Contact no
email_id	varchar2(30)	-	Email ID
profile_status	char(5)	-	Active / Inactive

CANDIDATE_EDUCATION

Field name	**Data type**	**Constraint**	**Description**
candidate_id	number	Primary key	ID of Candidate
perc11	number(4,2)	-	11^{th} Percentage
perc12	number(4,2)	-	12^{th} Percentage
graduation	varchar2(10)	-	Graduation

institute_grad	varchar2(25)	-	Institute of Graduation
perc_grad	number(4,2)	-	Graduation %
post_grad	varchar2(10)	-	Post-graduation
institute_post_grad	varchar2(25)	-	Institute of Post-grad
perc_post_grad	number(4,2)	-	Post-graduation %
dr_phd	varchar2(10)	-	Doctorate / PhD
institute_dr_phd	varchar2(25)	-	Dr. / PhD Institute
perc_dr_phd	number(4,2)	-	Dr. / PhD %
certification	varchar2(10)	-	Certification Course

CANDIDATE_PROFESSIONAL

Field name	**Data type**	**Constraint**	**Description**
candidate_id	number	Primary key	ID of Candidate
candidate_prof_id	number	-	ID of Professional
area_id	number	Foreign key	ID of area
Expr	varchar2(15)	-	How much Experience

Salary	varchar2(20)	-	Salary
Industry	varchar2(25)	-	Work Industry
ind_role	varchar2(25)	-	Role in industry
Skills	varchar2(50)	-	Key Skills

CANDIDATE_ADDRS

Field name	**Data type**	**Constraint**	**Description**
candidate_id	Number	Foreign key	ID of Candidate
candidate_addrs_id	Number	Primary key	ID of Address
candidate_addrs	varchar2(50)	-	Local address
city_id	Number	Foreign key	ID of City

COMPANY

Field name	**Data type**	**Constraint**	**Description**
company_id	Number	Primary key	ID of Company
company_name	varchar2(20)	-	Name of Company
contact_person	varchar2(25)	-	Contact-person Name
company_contact	number(15)	-	Contact number
company_email_id	varchar2(30)	-	Company email id
company_details	varchar2(200)	-	Details of Company

company_status	char(10)	-	Active / Inactive

COMPANY_BRANCH_ADDRS

Field name	Data type	Constraint	Description
company_id	Number	Foreign key	ID of Company
branch_id	Number	Primary key	ID of Branch
area_id	Number	Foreign key	ID of Area
branch_address	varchar2(50)	-	Local address
city_id	Number	Foreign key	ID of City

PACKAGE

Field name	Data type	Constraint	Description
package_id	Number	Primary key	ID of Package
package_cost	Number	-	Total or Per-resume
no_jobpost	Number	-	No. of Job-postings

COMPANY_PACKAGE

Field name	Data type	Constraint	Description
company_package_id	Number	Primary key	ID-Company package

company_id	Number	Foreign key	ID of Company
package_id	Number	Foreign key	ID of Package
package_date	Date	-	Date of selection

JOB_APPLIED

Field name	Data type	Constraint	Description
applied_id	Number	Primary key	ID of Applied job
candidate_id	Number	Foreign key	ID of Candidate
jobpost_id	Number	Foreign key	ID of Vacancy
resume_id	Number	Foreign key	ID of Resume
applied_date	Date	-	Date when applied

JOB_POST

Field name	Data type	Constraint	Description
jobpost_id	Number	Primary key	ID-Company package
company_id	Number	Foreign key	ID of Company
job_title	varchar2(20)	-	Title of Job
area_id	Number	Foreign key	ID of Area
branch_id	Number	Foreign key	ID of Branch
post_id	Number	Foreign key	ID of Post
no_vacancy	Number	-	Number of vacancy
start_date	Date	-	Starting date
end_date	Date	-	Ending date
expr_req	varchar2(15)	-	Experience Requirement

skills_req	varchar2(30)	-	Skills Requirement
edu_req	varchar2(10)	-	Education Requirement
basic_req	varchar2(30)	-	Basic Requirement
salary_given	varchar2(20)	-	Salary Given
jobpost_status	char(10)	-	Active/ Outdate / Full

COMPANY_BLOCK

Field name	**Data type**	**Constraint**	**Description**
ccb_id	number	Primary key	ID of Blocking
candidate_id	number	Foreign key	ID of Candidate
company_id	number	Foreign key	ID of Company
block_date	date	-	Date when blocked
block_status	char(10)	-	Active / Inactive

POST

Field name	**Data type**	**Constraint**	**Description**
post_id	number	Primary key	ID of Area
area_id	number	Foreign key	ID of Area

post_name	char(10)	-	Name of the Post

CATEGORY

Field name	Data type	Constraint	Description
category_id	number	Primary key	ID of Category
category_name	char(10)	-	Name of Category
category_status	char(10)	-	Active / Inactive

AREA

Field name	Data type	Constraint	Description
area_id	number	Primary key	ID of Area
category_id	number	Foreign key	ID of Category
area_name	varchar2(10)	-	Name of the area

QUESTION

Field name	Data type	Constraint	Description
que_id	number	Primary key	ID of Question
Que	varchar2(50)		Full Question

COUNTRY

Field name	Data type	Constraint	Description
country_id	number	Primary key	ID of Country
country_name	char(20)	-	Name of the Country
country_status	char(10)	-	Active / Inactive

STATE

Field name	Data type	Constraint	Description
state_id	number	Primary key	ID of State
state_name	char(20)	-	Name of the State
country_id	number	Foreign key	ID of the Country
state_status	char(10)	-	Active / Inactive

CITY

Field name	Data type	Constraint	Description
city_id	number	Primary key	ID of City
city name	char(20)	-	Name of the City
state_id	number	Foreign key	ID of the State
dist_status	varchar2(10)	-	Active / Inactive

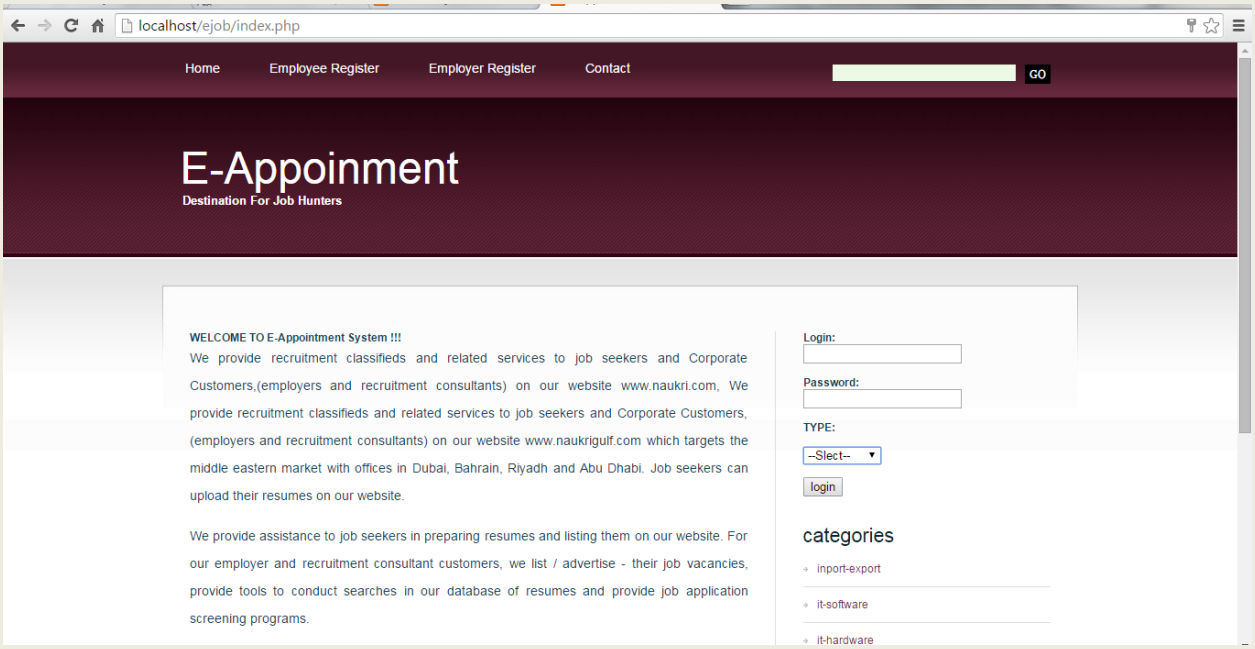
RESUME

Field name	Data type	Constraint	Description
resume_id	number	Primary key	ID of Resume
resume headline	varchar2(30)	-	Headline of Resume
candidate_id	number	Foreign key	ID of Candidate

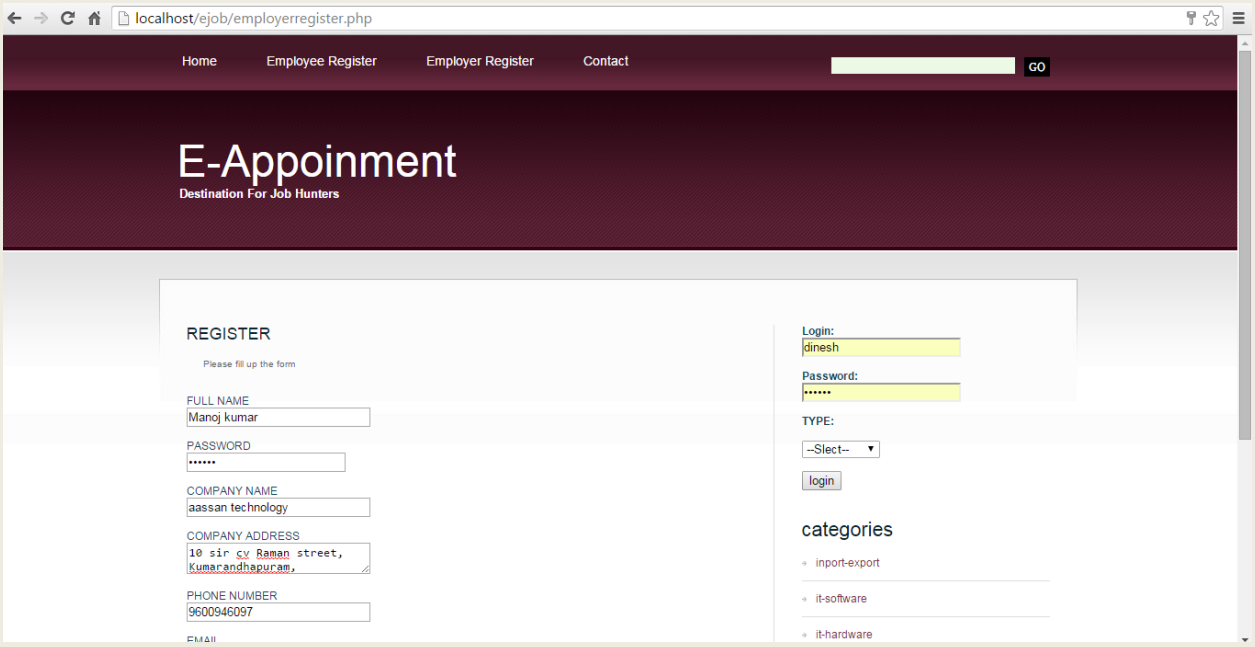
PAGES

Field name	Data type	Constraint	Description
page_id	number	Primary key	ID of Page
page title	varchar2(20)	-	Title of Page
page_discription	varchar2(500)	-	Description

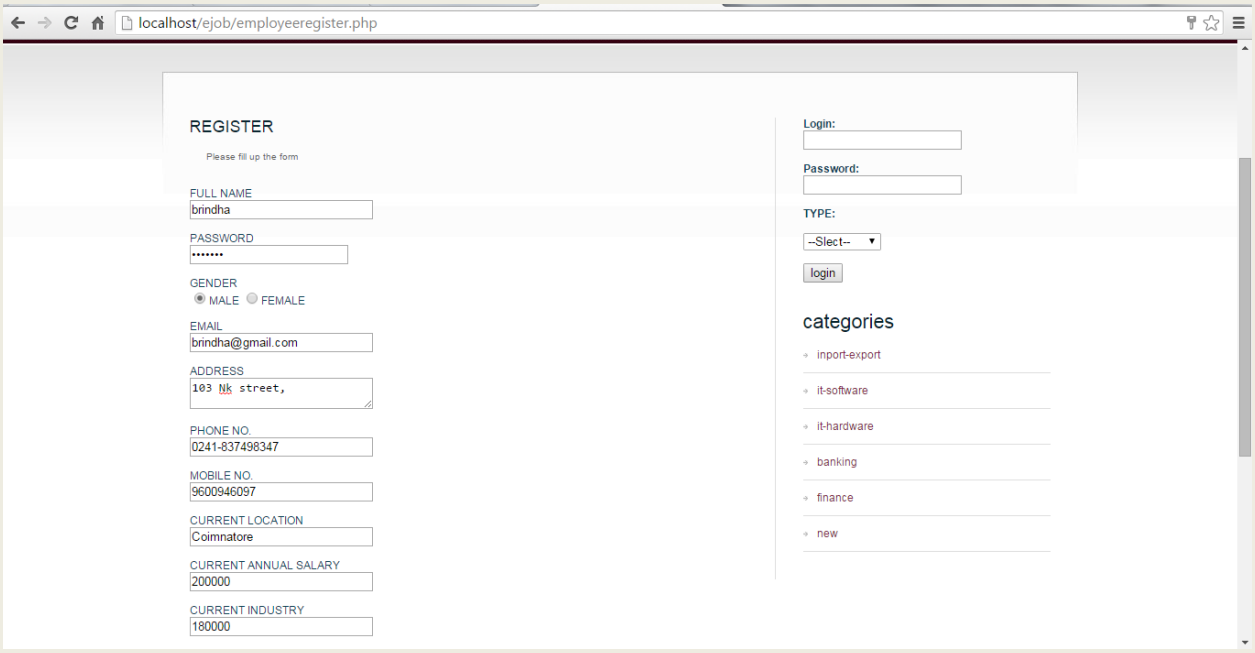
Home page


localhost/ejob/index.php
Home
Employee Register
Employer Register
Contact
GO
E-Appoinment
Destination For Job Hunters
WELCOME TO E-Appointment System !!!
We provide recruitment classifieds and related services to job seekers and Corporate Customers,(employers and recruitment consultants) on our website www.naukri.com, We provide recruitment classifieds and related services to job seekers and Corporate Customers, (employers and recruitment consultants) on our website www.naukrigulf.com which targets the middle eastern market with offices in Dubai, Bahrain, Riyadh and Abu Dhabi. Job seekers can upload their resumes on our website.
We provide assistance to job seekers in preparing resumes and listing them on our website. For our employer and recruitment consultant customers, we list / advertise - their job vacancies, provide tools to conduct searches in our database of resumes and provide job application screening programs.
Login:
Password:
TYPE:
--Slect--
login
categories
inport-export
it-software
it-hardware

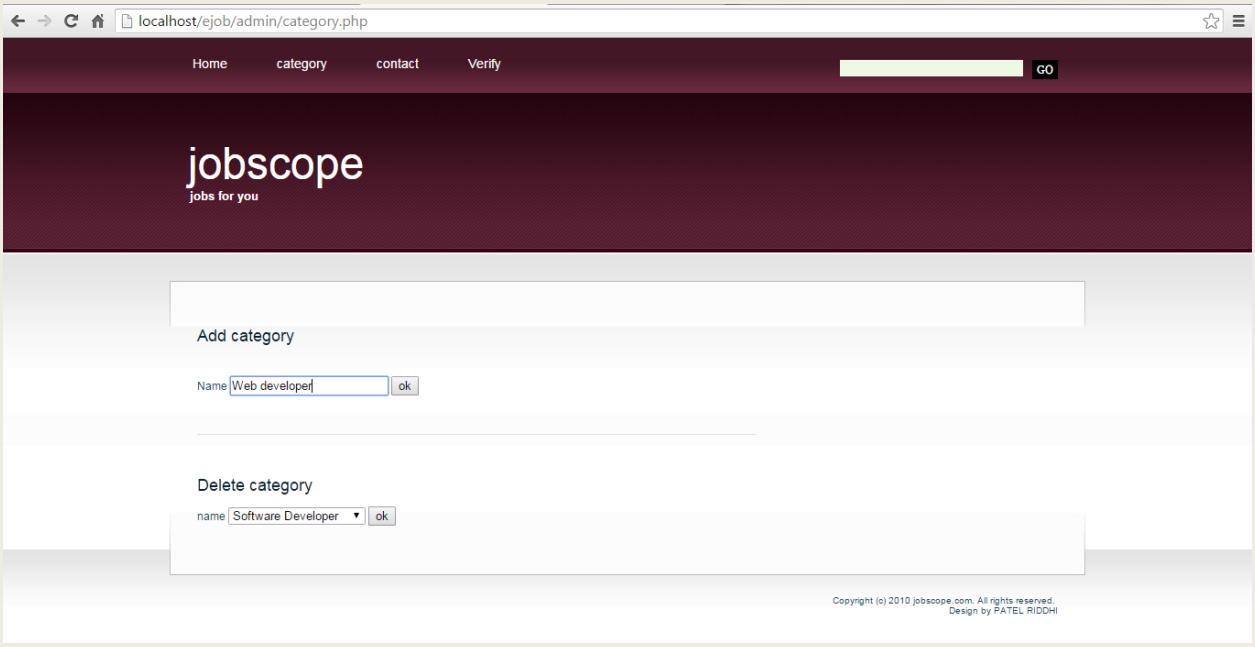
Company Registration



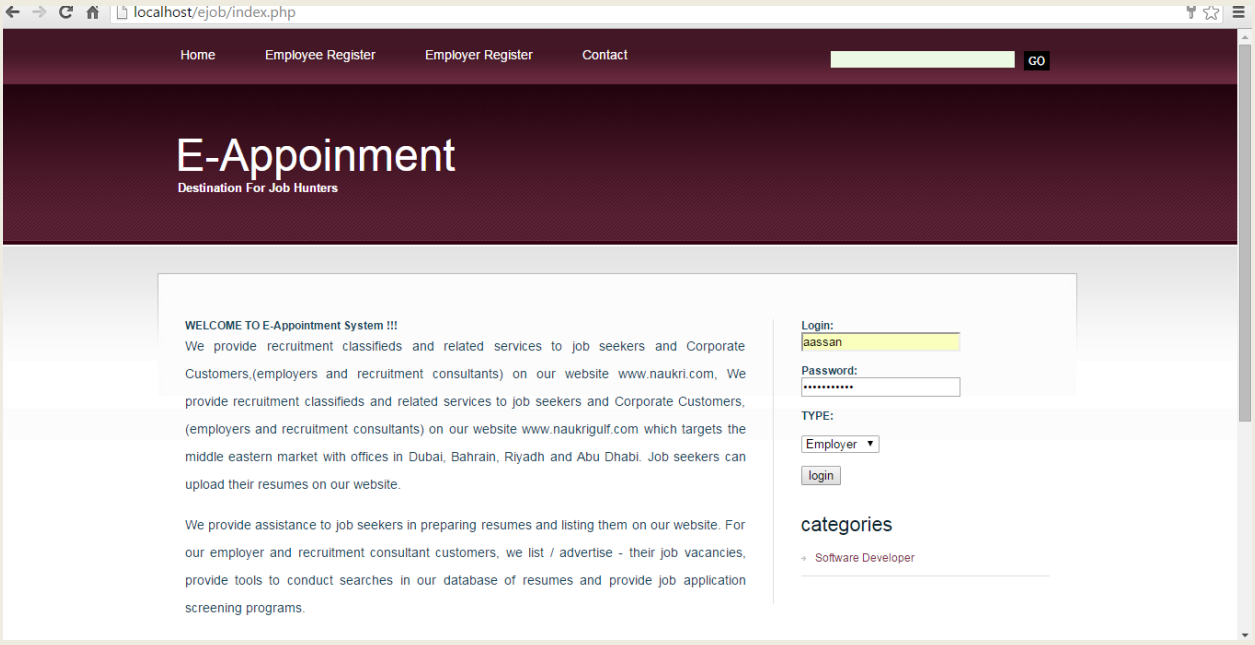
Employee registration



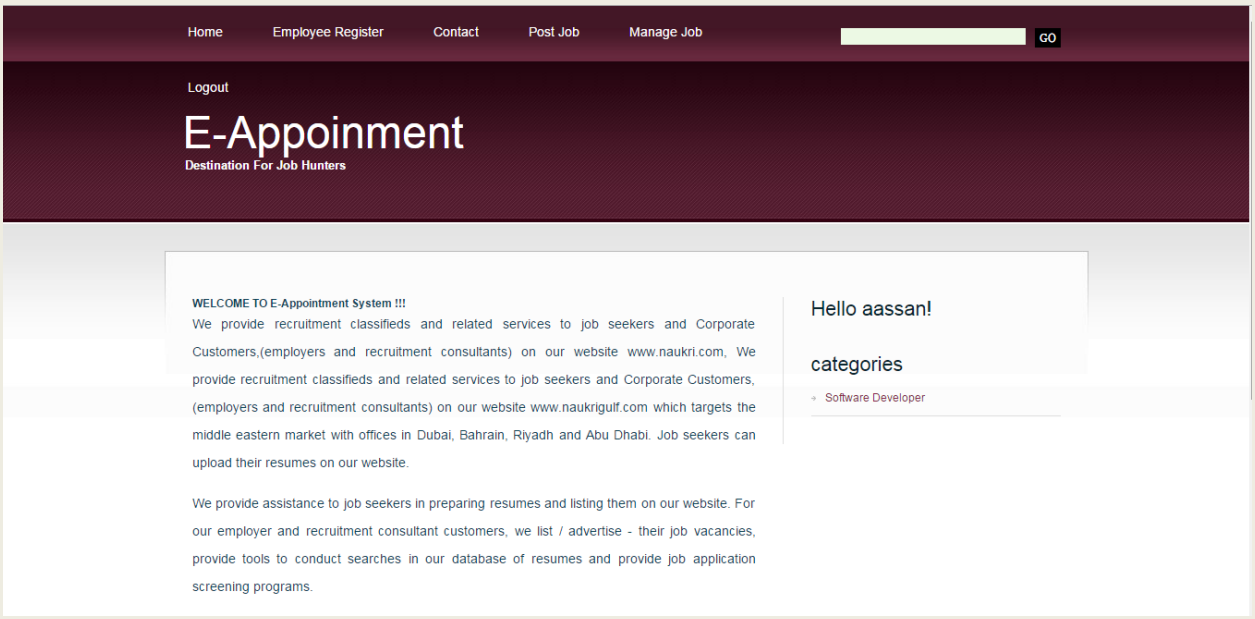
Add Category



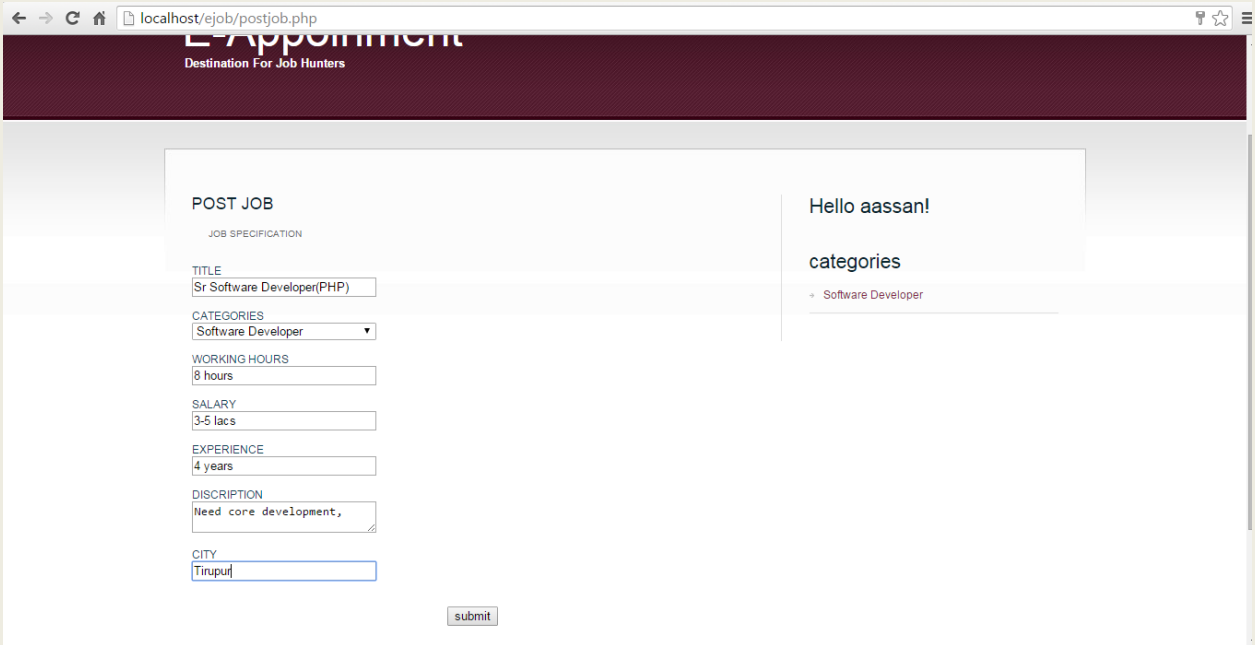
Employer Home



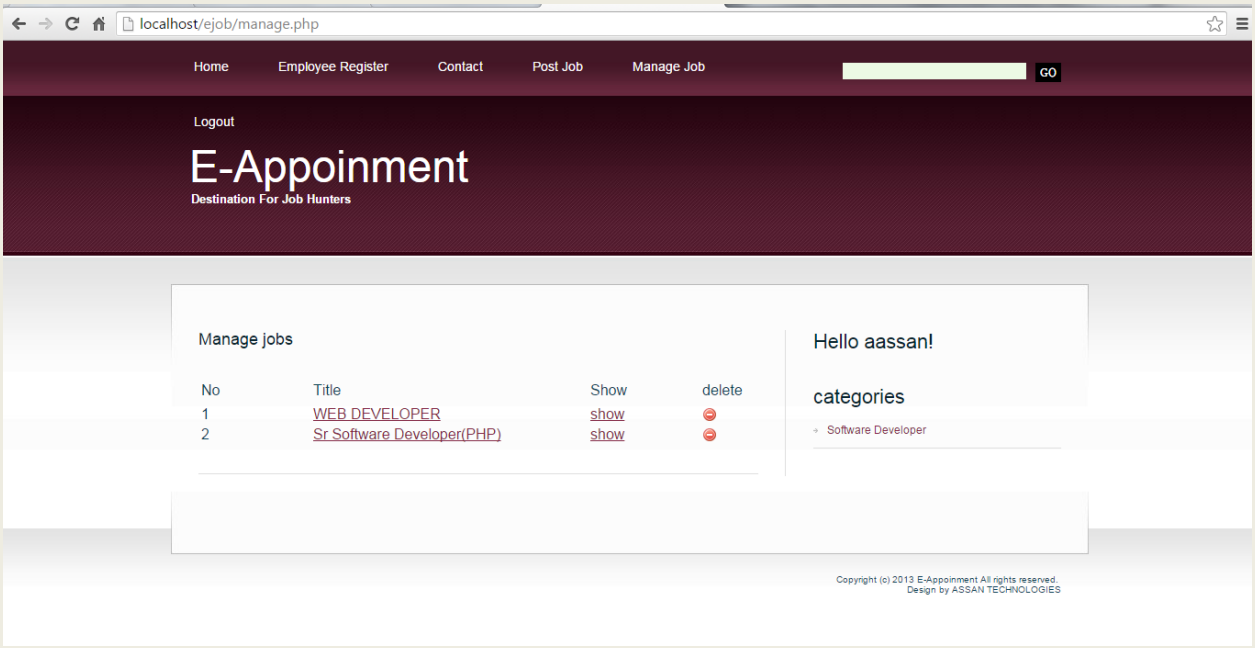
Employer Home



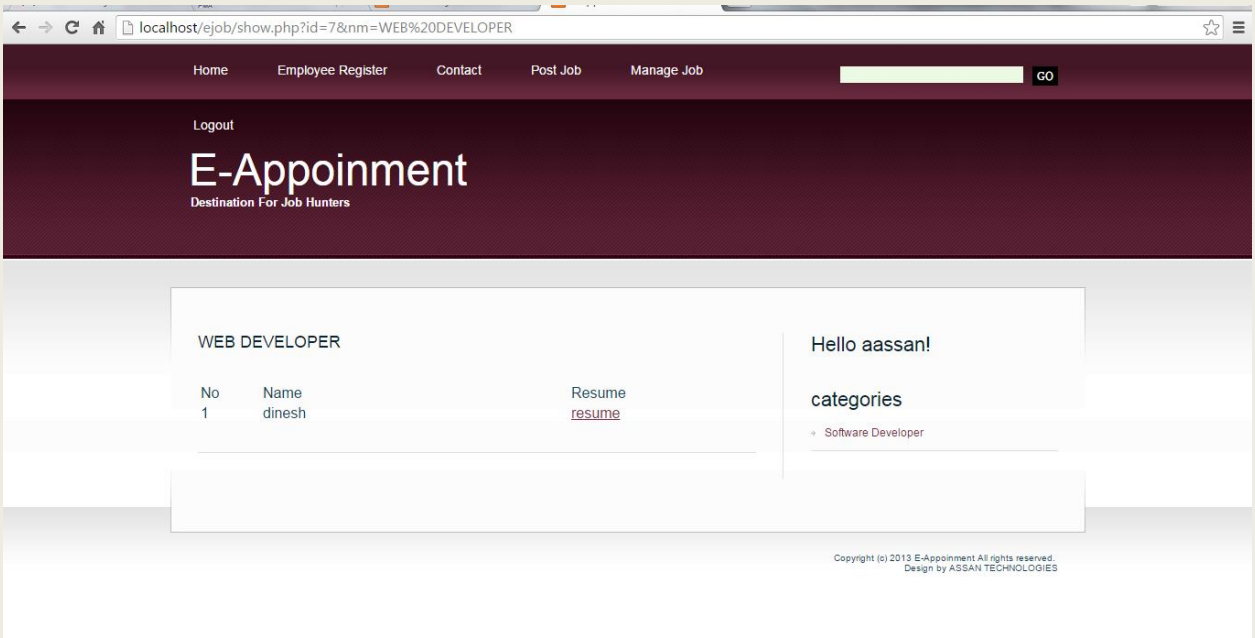
Post Job



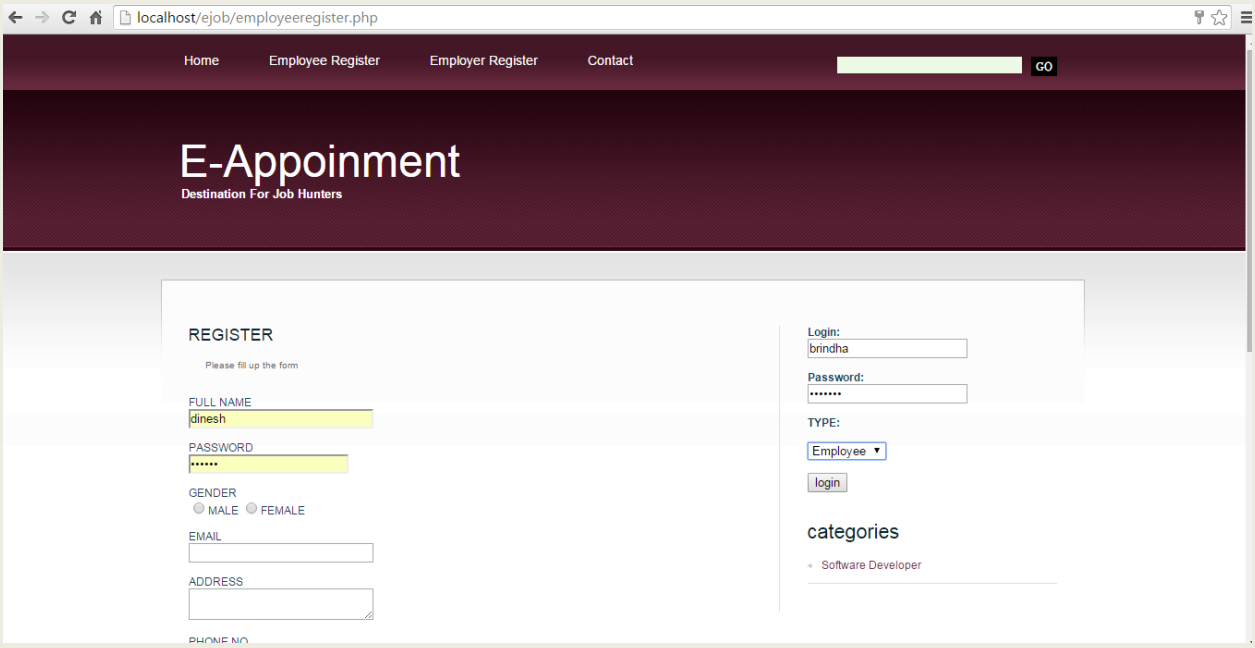
Manage Job



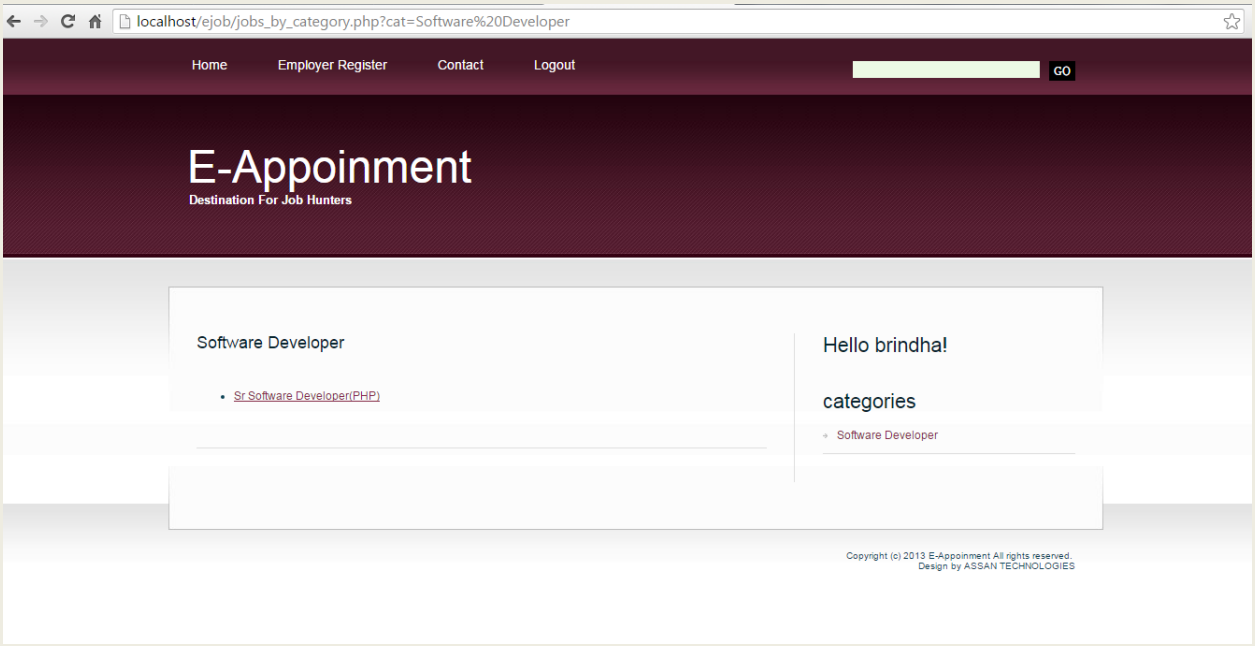
Applied for job



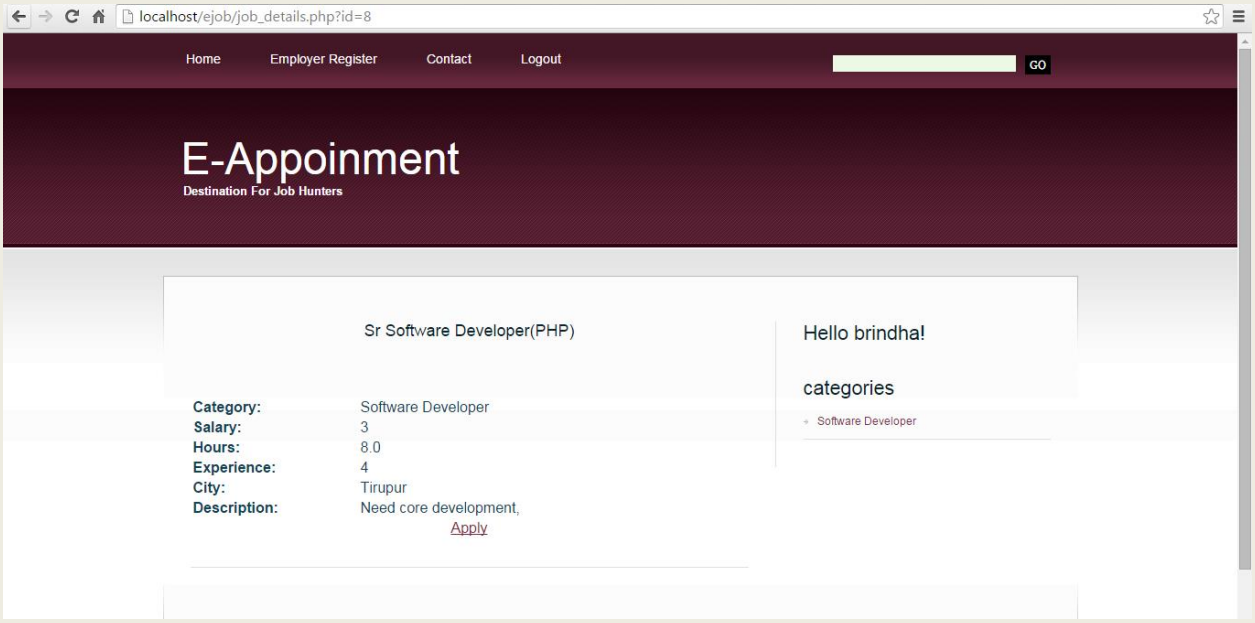
Job seeker Login



Posted Job



Apply Job



Index.php

<?php session_start();

```
   include("includes/db.inc.php");


   $q="select * from jobs where j_active=1 order by j_id desc ";
   $res=mysql_query($q,$link) or die ("can not select database");
?>
<html >
<head>
<?php
include("includes/head.inc.php");
?>
</head>
<body>
<div id="header-wrapper">
        <div id="header">
        <div id="menu">
                <?php
                include("includes/menu.inc.php");
                ?>
                </div>
                <!-- end #menu -->
                <div id="search">
                <?php


                include("includes/search.inc.php");
                ?>
                </div>
                <!-- end #search -->
```

```
        </div>
</div>
<!-- end #header -->
<!-- end #header-wrapper -->
<div id="logo">
        <?php
        include("includes/logo.inc.php");
        ?>
        </div>
<div id="wrapper">
        <div id="page">
                <div id="page-bgtop">
                        <hr />
                        <!-- end #logo -->
                        <div id="content">
                                <b >WELCOME TO E-Appointment System !!!</b>
                                  <div style="font-size:14px;line-height:10px;">
                                    <p>We provide recruitment classifieds and related services to job seekers and Corporate Customers,(employers and recruitment consultants) on our website www.naukri.com, We provide recruitment classifieds and related services to job seekers and Corporate Customers, (employers and recruitment consultants) on our website www.naukrigulf.com which targets the middle eastern market with offices in Dubai, Bahrain, Riyadh and Abu Dhabi. Job seekers can upload their resumes on our website.</p>


                                    <p>We provide assistance to job seekers in preparing resumes and listing them on our website. For our employer and recruitment consultant customers, we list / advertise - their job vacancies, provide tools to conduct searches in our database of resumes and provide job application screening programs.</p>
                                  </div>
                                <table>
                                  <tr>
                                    <td>
```

<table>

<tr>

<td><img src="images/uploadresume.jpg"
/></td>

</tr>

</table>

</td>

<td>

<table style="font-size:14px;line-height:25px;">

<tr>

<td align="justify">

As of March 31, 2011 Naukri.com had a database of about 25 million registered job seekers and over 80,000 live job listings from Corporate Customers. During the Fiscal year 2010-11 Naukri.com serviced approximately 42,000 Corporate Customers, an average of about 12,000 resumes were added while about 72,000 were modified daily in the Naukri.com database in Fiscal year.

</td>

</tr>

</table>

</td>

</tr>

</table>

<!-- end #content -->

<?php

include("includes/sidebar.inc.php");

```
                ?>
                        </div>
                        <!-- end #sidebar -->
                        <div style="clear: both;"> </div>
                </div>
        </div>
</div>
<!-- end #page -->
<div id="footer-bgcontent">
        <div id="footer">
                <?php
                include("includes/footer.inc.php");
                ?>
        </div>
</div>
<!-- end #footer -->
</body>
</html>
```

Employeeregister.php

```
<?php session_start();
?>
<html>
<head>
<script>
  function validatefinder()
   {
        var name=document.getElementById("txtname").value;
```

```
        var password=document.getElementById("txtpwd").value;
        var gender=document.getElementById("checkgender").value;
        var email=document.getElementById("txtemail").value;
        var address=document.getElementById("txtaddress").value;
var phone=document.getElementById("txtphone").value;
        var mobile=document.getElementById("txtmobile").value;
var currentjob=document.getElementById("txtcurrent").value;

        if(name=="")
        {
document.getElementById("txtname").style.background='#fb6e4e';
        return false;
        }

         if(password=="")
        {
document.getElementById("txtpwd").style.background='#fb6e4e';
        return false;
        }

        if(gender=="")
        {
alert("Please Select Gender");
        return false;
        }

 if(email=="")
        {
```

```
document.getElementById("txtemail").style.background='#fb6e4e';
        return false;
        }

       if(address=="")
        {
document.getElementById("txtaddress").style.background='#fb6e4e';
        return false;
        }

        if(address=="")
        {
document.getElementById("txtaddress").style.background='#fb6e4e';
        return false;
        }

        if(phone=="")
        {
document.getElementById("txtphone").style.background='#fb6e4e';
        return false;
        }

         if(mobile=="")
        {
document.getElementById("txtmobile").style.background='#fb6e4e';
        return false;
        }
```

```
            if(currentjob=="")
            {
    document.getElementById("txtcurrent").style.background='#fb6e4e';
            return false;
            }
           }
</script>
<?php
include("includes/head.inc.php");
?>
</head>
<body>
<div id="header-wrapper">
        <div id="header">
        <div id="menu">
                <?php
                include("includes/menu.inc.php");
                ?>
                </div>
                <!-- end #menu -->
                <div id="search">
                <?php

                include("includes/search.inc.php");
                ?>
                </div>
                <!-- end #search -->
```

```
		</div>
</div>
<!-- end #header -->
<!-- end #header-wrapper -->
<div id="logo">
		<?php
		include("includes/logo.inc.php");
		?>
		</div>
<div id="wrapper">
		<div id="page">
			<div id="page-bgtop">
				<hr />
				<!-- end #logo -->
				<div id="content">
					<div class="post">

						<h2 class="title">REGISTER</a></h2>
						<p class="meta">Please fill up the form</p>
						<div class="entry">
							<form action="process_employee_register.php" method="post" enctype="multipart/form-data">
FULL NAME <br> <input type="text" name="txtname" id="txtname" style="width:200px;">
<br><br> PASSWORD<br><input type="password" name="txtpwd" id="txtpwd">
<BR><BR>GENDER <BR>
<INPUT TYPE = "RADIO" VALUE="MALE" name="checkgender" id="checkgender">MALE
```

```
                                                    <INPUT TYPE = "RADIO"
VALUE="female"name="checkgender" id="checkgender">FEMALE

                                                    <br><BR> EMAIL <BR> <INPUT TYPE
="email" name="txtemail" id="txtemail" style="width:200px;">

                                                    <BR><BR> ADDRESS <BR>
<TEXTAREA name="txtaddress" id="txtaddress" style="width:200px;"></TEXTAREA>

                                                    <BR><BR> PHONE NO. <BR> <INPUT
TYPE = "TEXT" name="txtphone"  id="txtphone" style="width:200px;">

                                                    <BR> <BR>MOBILE NO.<BR> <INPUT
TYPE = "TEXT" name="txtmobile" id="txtmobile" style="width:200px;">

                                                    <br><br>CURRENT LOCATION
<BR><INPUT TYPE="TEXT" name="txtcurrent" id="txtcurrent" style="width:200px;">

                                                    <BR><BR>CURRENT ANNUAL
SALARY <BR><INPUT TYPE="TEXT" name="txtsalary" id="txtsalary" style="width:200px;">

                                                    <BR><BR>CURRENT
INDUSTRY<BR><INPUT TYPE ="TEXT" name="txtindustry" id="txtindustry"
style="width:200px;">



          <BR><BR>QUALIFICATION<BR><INPUT TYPE = "TEXT" name="txtqualification"
id="txtqualification" style="width:200px;">

                                                    <BR><BR>PROFILE<BR> <TEXTAREA
name="txtprofile" id="txtprofile" style="width:200px;"> </TEXTAREA>

                                                    <br><br>RESUME<br><input type="file"
name="txtresume" id="txtresume"style="width:200px;">

                                                    <center><br><br>

                                                    <input type="submit" id="btnsubmit"
name="btnsubmit" value="submit" onclick="return validatefinder();">

                                                    </center>


                                                </form>


                                            </div>

                                        </div>
```

```
                    </div>
                    <!-- end #content -->
                    <div id="sidebar">
                    <?php
                include("includes/sidebar.inc.php");
                ?>
                    </div>
                    <!-- end #sidebar -->
                    <div style="clear: both;"> </div>
                </div>
        </div>
</div>
<!-- end #page -->
<div id="footer-bgcontent">
        <div id="footer">
                <?php
                include("includes/footer.inc.php");
                ?>
        </div>
</div>
<!-- end #footer -->
</body>
</html>
```

Employeerregister.php

```
<?php session_start();
?>
<html>
```

```
<script>
  function validateemp()
   {
            var name=document.getElementById("txtname").value;
            var password=document.getElementById("txtpassword").value;
            var companyname=document.getElementById("txtcname").value;
            var address=document.getElementById("txtaddress").value;
    var phone=document.getElementById("txtphone").value;
            var email=document.getElementById("txtemail").value;
            var profile=document.getElementById("txtprofile").value;

            if(name=="")
            {
    document.getElementById("txtname").style.background='#fb6e4e';
            return false;
            }

             if(password=="")
            {
    document.getElementById("txtpassword").style.background='#fb6e4e';
            return false;
            }
     if(companyname=="")
            {
    document.getElementById("txtcname").style.background='#fb6e4e';
            return false;
            }
```

```
            if(address=="")
             {
    document.getElementById("txtaddress").style.background='#fb6e4e';
             return false;
             }

             if(phone=="")
             {
    document.getElementById("txtphone").style.background='#fb6e4e';
             return false;
             }

              if(email=="")
             {
    document.getElementById("txtemail").style.background='#fb6e4e';
             return false;
             }


              if(profile=="")
             {
    document.getElementById("txtprofile").style.background='#fb6e4e';
             return false;
             }
            }
</script>
<head>
<?php
```

```
include("includes/head.inc.php");
?>
</head>
<body>
<div id="header-wrapper">
	<div id="header">
	<div id="menu">
		<?php
		include("includes/menu.inc.php");
		?>
		</div>
		<!-- end #menu -->
		<div id="search">
		<?php

		include("includes/search.inc.php");
		?>
		</div>
		<!-- end #search -->
	</div>
</div>
<!-- end #header -->
<!-- end #header-wrapper -->
<div id="logo">
	<?php
	include("includes/logo.inc.php");
	?>
	</div>
```

```
<div id="wrapper">
	<div id="page">
		<div id="page-bgtop">
			<hr />
			<!-- end #logo -->
			<div id="content">
				<div class="post">

					<h2 class="title">REGISTER</a></h2>
					<p class="meta">Please fill up the form</p>
					<div class="entry">
						<form action="process_employer_register.php" method="post">
							FULL NAME <br> <input type="text" name="txtname" id="txtname" style="width:200px;">
							<br><br> PASSWORD <br> <input type ="password"  name="txtpassword" id="txtpassword">
							<br><BR> COMPANY NAME <BR> <INPUT type = "text"  name="txtcname" id="txtcname" style="width:200px;">
							<BR><BR> COMPANY ADDRESS <BR> <textarea name="txtaddress" id="txtaddress" style="width:200px;"></textarea>
							<br><br> PHONE NUMBER <br><input type="text" name="txtphone" id="txtphone" style="width:200px;">
							<BR><BR> EMAIL <BR> <INPUT type = "email" id="txtemail" name="txtemail" style="width:200px;">
							<BR><BR>COMPANY PROFILE<BR> <textarea  id="txtprofile" name="txtprofile" style="width:200px;"></textarea>

							<center><br><br> <input type="submit" id="btnsubmit" name="btnsubmit" value="submit" onclick="return validateemp();"></center>

						</form>
					</div>
```

```
                                        </div>


                                </div>
                                <!-- end #content -->
                                <div id="sidebar">
                                <?php
                        include("includes/sidebar.inc.php");
                        ?>
                                </div>
                                <!-- end #sidebar -->
                                <div style="clear: both;"> </div>
                        </div>
                </div>
</div>
<!-- end #page -->
<div id="footer-bgcontent">
        <div id="footer">
                <?php
                include("includes/footer.inc.php");
                ?>
        </div>
</div>
<!-- end #footer -->
</body>
</html>
```

Postjob.php

```
<?php session_start();
```

```
include("includes/db.inc.php");
?>
<html>
<script>
  function validate()
   {
            var jobtitle=document.getElementById("txtjobtitle").value;
            var hours=document.getElementById("txthours").value;
            var salary=document.getElementById("txtsalary").value;
            var exp=document.getElementById("txtexp").value;
            var description=document.getElementById("txtdescription").value;
    var city=document.getElementById("txtcity").value;

            if(jobtitle=="")
            {
    document.getElementById("txtjobtitle").style.background='#fb6e4e';
            return false;
            }

            if(hours=="")
            {
    document.getElementById("txthours").style.background='#fb6e4e';
            return false;
            }

             if(salary=="")
            {
    document.getElementById("txtsalary").style.background='#fb6e4e';
```

```
            return false;
            }

             if(exp=="")
            {
    document.getElementById("txtexp").style.background='#fb6e4e';
            return false;
            }
             if(description=="")
            {
    document.getElementById("txtdescription").style.background='#fb6e4e';
            return false;
            }

             if(city=="")
            {
    document.getElementById("txtcity").style.background='#fb6e4e';
            return false;
            }
           }
</script>
<head>
<?php
include("includes/head.inc.php");
?>
</head>
<body>
<div id="header-wrapper">
```

```
		<div id="header">
		<div id="menu">
			<?php
			include("includes/menu.inc.php");
			?>
			</div>
			<!-- end #menu -->
			<div id="search">
			<?php

			include("includes/search.inc.php");
			?>
			</div>
			<!-- end #search -->
		</div>
</div>
<!-- end #header -->
<!-- end #header-wrapper -->
<div id="logo">
		<?php
		include("includes/logo.inc.php");
		?>
		</div>
<div id="wrapper">
		<div id="page">
			<div id="page-bgtop">
				<hr />
				<!-- end #logo -->
```

```
<div id="content">
<div class="post">

<h2 class="title">POST JOB</a></h2>
<p class="meta">JOB SPECIFICATION</p>
<div class="entry">
<form action="process_postjob.php" method="post">
TITLE<br> <input type="text" name="txtjobtitle" id="txtjobtitle" style="width:200px;">
<BR><BR>CATEGORIES
<br><SELECT  id="ddlcategoery" name="ddlcategoery" style="width:200px;">
<?php
$q="select * from categories";
$res=mysql_query($q,$link) or die('wrong query');

while($row=mysql_fetch_assoc($res))
{
echo "<option>".$row['cat_nm'];
}
?>
</SELECT>

<br><BR> WORKING HOURS <BR> <input type="text" name="txthours" id="txthours" style="width:200px;">
<BR><BR> SALARY<BR><input type ="text"  id="txtsalary" name="txtsalary" style="width:200px;">
<BR><BR> EXPERIENCE <BR> <input type ="text"  id="txtexp" name="txtexp" style="width:200px;">
<BR><BR>DISCRIPTION<BR> <textarea id="txtdescription" name="txtdescription" style="width:200px;"></textarea >
```

```
                                        <BR><BR>CITY<BR><input type="text" id="txtcity"
name="txtcity" style="width:200px;">

                                        <center><br><br>

                                        <input type="submit" id="btnpostjob" name="btnpostjob"
value="submit" onclick="return validate();"></center>

                                                </form>

                                                </div>

                                        </div>


                                </div>

                                <!-- end #content -->

                                <div id="sidebar">

                                <?php

                        include("includes/sidebar.inc.php");

                        ?>

                                </div>

                                <!-- end #sidebar -->

                                <div style="clear: both;"> </div>

                        </div>

                </div>

</div>

<!-- end #page -->

<div id="footer-bgcontent">

        <div id="footer">

                <?php

                include("includes/footer.inc.php");

                ?>

        </div>

</div>
```

```
<!-- end #footer -->

</body>

</html>
```

Reference

Acharya, Kamal. "STUDENT INFORMATION MANAGEMENT SYSTEM." Authorea Preprints (2023).

Acharya, Kamal. "Library Management System." Available at SSRN 4807104 (2019).

ACHARYA, KAMAL, et al. "LIBRARY MANAGEMENT SYSTEM." (2019).

Acharya, Kamal. "Online bus reservation system project report." Authorea Preprints (2024).

Acharya, Kamal. "Online bus reservation system project report." (2024).

Acharya, Kamal. "Online Bus Reservation System." SSRN ElectroNIC ASIA Journal *(2024): n. pag.*

Acharya, Kamal. "Student Information Management System Project." SSRN ElectroNIC ASIA Journal *(2024): n. pag.*

Acharya, Kamal. "ATTENDANCE MANAGEMENT SYSTEM." International Research Journal of Modernization in Engineering Technology and Science *(2023): n. pag.*

Acharya, Kamal. "College Information Management System." SSRN ElectroNIC ASIA Journal *(2024): n. pag.*

Acharya, Kamal, Attendance Management System Project (April 28, 2024). Available at

SSRN: https://ssrn.com/abstract=4810251 or http://dx.doi.org/10.2139/ssrn.4810251

Acharya, Kamal, Online Food Order System (May 2, 2024). Available at

SSRN: https://ssrn.com/abstract=4814732 or http://dx.doi.org/10.2139/ssrn.4814732

Acharya, Kamal, University management system project. (May 1, 2024). Available at

SSRN: https://ssrn.com/abstract=4814103 or http://dx.doi.org/10.2139/ssrn.4814103

Acharya, Kamal, Online banking management system. (May 1, 2024). Available at

SSRN: https://ssrn.com/abstract=4813597 or http://dx.doi.org/10.2139/ssrn.4813597

View publication stats