

## **CHAPTER 1**

### **INTRODUCTION**

Computerized on Line Job Search System is developed to facilitate the General administration system to manage the various information of the Job Seeker and Job Provider and the processes involved in a placement company. So, that organization can access accurate information quickly and easily as and when required, thereby improving its operational efficiency & effectiveness

In today's competitive environment, where Everybody wants to be on the top, Information plays very crucial role. As fast as information is accessed and processed, it can give good results. Today Internet is the fast way of transferring Data and Information over wide area, hence I have used internet as a way for exchanging information.

Computerized system helps to fulfill these goals. Computerization of the official works will help in doing lot of manual work quickly. It will help in easy storage and access of all information, in short period of time.

#### **Specific Objective of the site:**

Objective of doing this project is to enhance my knowledge in the field of E-com technology using ASP.Net as a language. Some of the client requirement and objectives of this site is as under:-

- To increase the business of Client.
- To make it Global.
- To facilitate job search.
- To facilitate company so that it can search for best candidates available.
- To act as a middle men connecting Job seeker and Provider
- User can download different forms etc.

So these are some of the objectives which we have to accomplish.

#### **Features of the site:**

It has the features of providing all the information online (through the net). About the Vacancy and About the Job seeker.

- This web site built on 3 Tier Architecture.
- The site also includes the electronic mail facility for the users who have registered themselves.
- The site acts as a middle-ware for the Job Seeker and Job Provider.
- The site has the facility to inform the Seeker and Company about the job and candidate.
- Employer also inform the Job Seeker via telephone.

### **3 Tier Architecture:**

3-Tier architecture generally contains UI or Presentation Layer, Business Access Layer (BAL) or Business Logic Layer and Data Access Layer (DAL).

#### **Presentation Layer (UI)**

Presentation layer contains pages like .aspx or windows form where data is presented to the user or input is taken from the user .

#### **Business Access Layer (BAL) or Business Logic Layer**

BAL contains business logic, validations or calculations related with the data, if needed. I will call it Business Access Layer in my demo.

#### **Data Access Layer (DAL)**

DAL contains methods that helps business layer to connect the data and perform required action, might be returning data or manipulating data (insert, update, delete etc). For this demo application, I have taken a very simple example. I am assuming that I have to play with record of persons (FirstName, LastName, Age) and I will refer only these data through out this article.

### **Modules of project:**

The project can be divided in to three main modules.

- **Registration module**
- **Job Employer section**
- **Job Administration section**

**Module 1:**

**Registration module**, which is further sub-divided into:-

- Job Employer Registration.
- Change Password Job Employer. • Change Password Administrator.
- Forget Password Job Employer. • Forget Password Administrator.
- Login for both Job Employer and Administrator.

**Module 2:**

**Job Employer section**, which is further sub-divided into –

- Call for a interview date
- Call for a interview time
- Call for a asking Job Seeker want to go for a interview?
- Call for a asking Job Seeker about feedback of interview facing?
- Check the status true if selecting in the job.

**Module 3:**

**Job Administration section**, which is further sub-divided into four sub-sections: -

- Check the status true if call back from the company.
- Also check the status false if Job Seeker is rejected.

**PROJECT DICTIONARY****1. DATAFLOW DIAGRAMS**

Data flow diagrams represent the flow of data through a system. A DFD is composed of:

- 1.Data movement shown by tagged arrows.

2. Transformation or process of data shown by named bubbles.
3. Sources and destination of data represented by named rectangles.
4. Static storage or data at rest denoted by an open rectangle that is named.

The DFD is intended to represent information flow but it is not a flowchart and is not intended to indicate decision-making, flow of control, loops and other procedural aspects of the system. DFD is a useful graphical tool and is applied at the earlier stages of requirements analysis. It may be further refined at preliminary design stage and is used as mechanism for creating a top level structural design for software.

The DFD drawn first at a preliminary level is further expanded into greater details:

The context diagram is decomposed and represented with multiple bubbles. Each of these bubbles may be decomposed further and documented as more detailed DFDs.

Explanation DFDs.

## CHAPTER 2

### LITERATURE SURVEY

#### 2.1 Existing System

All processes in existing system are handled manually. All the work that is done in existing system is done by the human intervention. As all the work is done manually, there were a lot of work load on placement officer and it also increases the maximum changes of errors. This is so slow and time consuming. Due to increase in number of users number of process become more difficult.

##### **Limitations of Existing system**

1. In the present system, the manual work is more which consumes a lot of time.
2. It is very tough job to maintain and retrieve the data.
3. Manipulation of data needs a lot of paperwork manually.
4. If data is lost, it cannot be resorted.
5. No security due to the manual paperwork.

#### 2.1 Proposed system

This proposed system is web based application which allows applicants and employers to register their details. Applicants and employers to register their details. Applicants can browse through the vacancy details that are posted and can apply for the jobs online.

##### **Advantages of Proposed System**

1. This proposed system does not require any paper work. Files are maintained in the system.
2. The maintenance of the records is made user-friendly and very easy to access.
3. Since all the records and files are maintained through the system, cost is very less compared to the current system.
4. The security will be provided for the data so that unauthorized users cannot access the proposed system.

#### 2.3 FEASIBILITY STUDY

The feasibility of the project is analyzed in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out. This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential.

Three key considerations involved in the feasibility analysis are:

### **2.3.1 Economic Feasibility**

This study is carried out to check the economic impact will have on the system will have on the organization. The amount of fund that the company can pour into the research and development of the system is limited. The expenditures must be justified. Thus, the developed system as well within the budget and this was achieved because most of the technologies used are freely available.

### **2.3.2 Technical Feasibility**

This study is carried out to check the technical feasibility, that is, the technical requirements of the system. Any system developed must not have a high demand on the available technical resources. This will lead to high demands being placed on the client. The developed system must have a modest requirement, as only minimal or null changes for the implementing this system.

### **2.3.3 Operational Feasibility**

The aspect of study is to check the level of acceptance of the system by the user. This includes the process of training the user to use the system efficiently. The user must not feel threatened by the system, instead must accept it as a necessity. The level of acceptance by the users solely depends on the methods that are employed to educate the user about the system and to make him familiar with it. His level of confidence must be raised so that he is also able to make some constructive criticism, which is welcomed, as he is the final user of the system.

## **2.4 SOFTWARE SPECIFICATION**

## HTML

**HTML** or **Hypertext Markup Language** is the standard markup language used to create web pages. HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like `<html>`). HTML tags most commonly come in pairs like `<h1>` and `</h1>`, although some tags represent empty elements and so are unpaired, for example `<img>`. The first tag in a pair is the *start tag*, and the second tag is the *end tag* (they are also called opening tags and closing tags). Though not always necessary, it is best practice to append a slash to tags which are not paired with a closing tag. The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML describes the structure of a website semantically along with cues for presentation, making it a markup language rather than a programming language.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

## CASCADING STYLE SHEETS (CSS)

It is a style sheet language used for describing the look and formatting of a document written in a markup language. While most often used to style web pages and interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation.

CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts.<sup>[1]</sup> This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content.

CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed. While the author of a document typically links that document to a CSS file, readers can use a different style sheet, perhaps one on their own computer, to override the one the author has specified. However, if the author or the reader did not link the document to a specific style sheet the default style of the browser will be applied.

### **MySQL**

MySQL is developed, distributed, and supported by Oracle Corporation. MySQL is a database system used on the web it runs on a server. MySQL is ideal for both small and large applications. It is very fast, reliable, and easy to use. It supports standard SQL. MySQL can be compiled on a number of platforms.

The data in MySQL is stored in tables. A table is a collection of related data, and it consists.

### **JAVASCRIPT**

JavaScript is the scripting language of the Web. All modern HTML pages are using JavaScript. A scripting language is a lightweight programming language. JavaScript code can be inserted into any HTML page, and it can be executed by all types of web browsers. JavaScript is easy to learn.

### **PHP**

#### **WHAT IS PHP?**

- PHP is an acronym for "PHP Hypertext Pre-processor"
- PHP is a widely used, open-source scripting language
- PHP scripts are executed on the server
- PHP costs nothing, it is free to download and use

#### **WHAT IS PHP FILE?**

- PHP files can contain text, HTML, CSS, JavaScript, and PHP code



- PHP codes are executed on the server, and the result is returned to the browser as plain HTML
- PHP files have extension ".php"

### **WHAT CAN PHP DO?**

- PHP can generate dynamic page content
- PHP can create, open, read, write, delete, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can restrict users to access some pages on your website
- PHP can encrypt data
- With PHP you are not limited to output HTML. You can output images, PDF files, and even Flash movies. You can also output any text, such as XHTML and XML.

### **WHY PHP?**

- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports a wide range of databases
- PHP is free. Download it from the official PHP resource: [www.php.net](http://www.php.net).

## **CHAPTER 3**

### **SOFTWARE REQUIREMENTS SPECIFICATION**

#### **3.1 INTRODUCTION**

To be used efficiently, all computer software needs certain hardware components or the other software resources to be present on a computer. These pre-requisites are known as (computer) system requirements and are often used as a guideline as opposed to an absolute rule. Most software defines two sets of system requirements: minimum and recommended. With increasing demand for higher processing power and resources in newer versions of software, system requirements tend to increase over time.

#### **3.2 HARDWARE REQUIREMENTS**

The most common set of requirements defined by any operating system or software application is the physical computer resources, also known as hardware. A hardware requirements list is often accompanied by a hardware compatibility list (HCL), especially in case of operating systems. The following sub-sections discuss the various aspects of hardware requirements.

##### **HARDWARE REQUIREMENTS FOR PRESENT PROJECT**

PROCESSOR : Intel dual Core, i5

RAM : 8 GB

HARD DISK : 1 TB

#### **3.3 SOFTWARE REQUIREMENTS**

Software Requirements deal with defining software resource requirements and pre-requisites that need to be installed on a computer to provide optimal functioning of an application. These requirements or pre-requisites are generally not included in the software installation package and need to be installed separately before the software is installed.

##### **SOFTWARE REQUIREMENTS FOR PRESENT PROJECT**

OPERATING SYSTEM : Windows 10

FRONT END : HTML, CSS, JavaScript query

SERVER-SIDE SCRIPT : PHP

DATABASE : MySQL

## **CHAPTER 4**

### **SYSTEM ARCHITECTURE DESCRIPTION**

A system architecture or systems architecture is the conceptual model that defines the structure, behaviour and more views of a system.

An architecture description is a formal description and representation of a system, organized in a way that supports reasoning about the structure of the system which comprises system components, the externally visible properties of those components, the relationships (e.g., the behaviour) between them, and provides a plan from which products can be procured, and systems developed, that will work together to implement the overall system. The language for architecture description is called the architecture description language. This project consists of many forms, each form is used to do particular task, below each form is explained in detail.

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- Check the status true if selecting in the job.

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## **CHAPTER 5**

### **SYSTEM DESIGN AND DEVELOPMENT**

#### **5.1 DATA FLOW DIAGRAM**

A data flow is a graphical technique that describes information flow and transforms that are applied as data move from input to output. The DFD is also known as data flow graphs or bubble chart. The DFD is used to represent increasing information flow details. Also DFD can be stated as the starting point of the design phase that functionality decomposes the requirement specification down to the lowest level of detail.

A level zero is also called the fundamental system model or context level DFD that represent the entire software elements as a single bubble with input and output data indicated by incoming and outgoing arrows respectively. Additional process and information flow parts are represented in the next level, i.e., level1 DFD. Each of the processes represented at level1 will be further represented into sub-functions in the next level i.e., level2.

Data flow diagram is a mean of representing a system at any level of detail with a graphic network of symbols showing data flows, data stores, data processes and data sources. The purpose of data flow diagram is to provide semantic bridge between users and system developers. The diagram is the basis of structured system analysis. A DFD describes what data flows rather than how they are processed, so it does not depend on hardware, software, data structure, or file organization.

#### **5.2 COMPONENTS OF DATA FLOW DIAGRAM**

There are four symbols that are used in the drawing of Data Flow Diagrams

- **Entities** 

External entities represent the sources of data that enter the system or the recipients of data that leave the system.

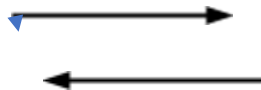
- **Process** 

Processes represent data in which data is manipulated by being stored or retrieved or transformed in some way.

- **Database**



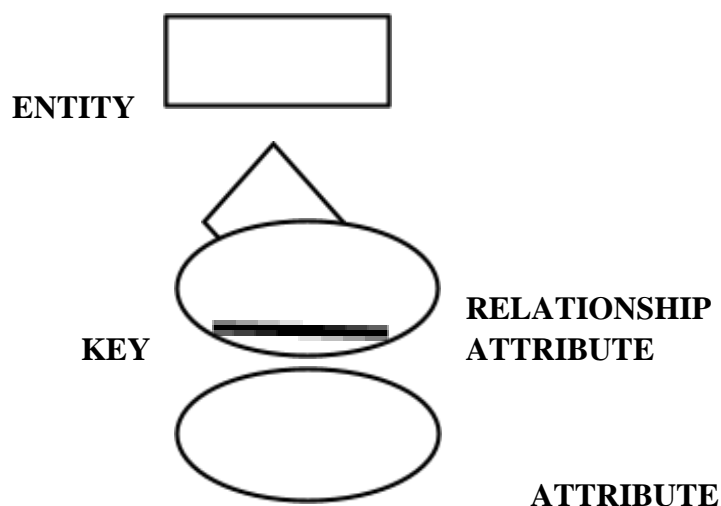
Database represents storage of data within the system. ●

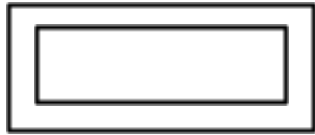
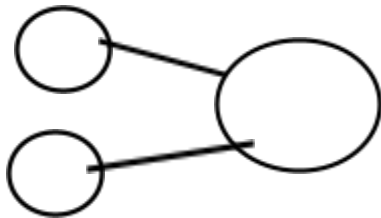
**Data Flow**

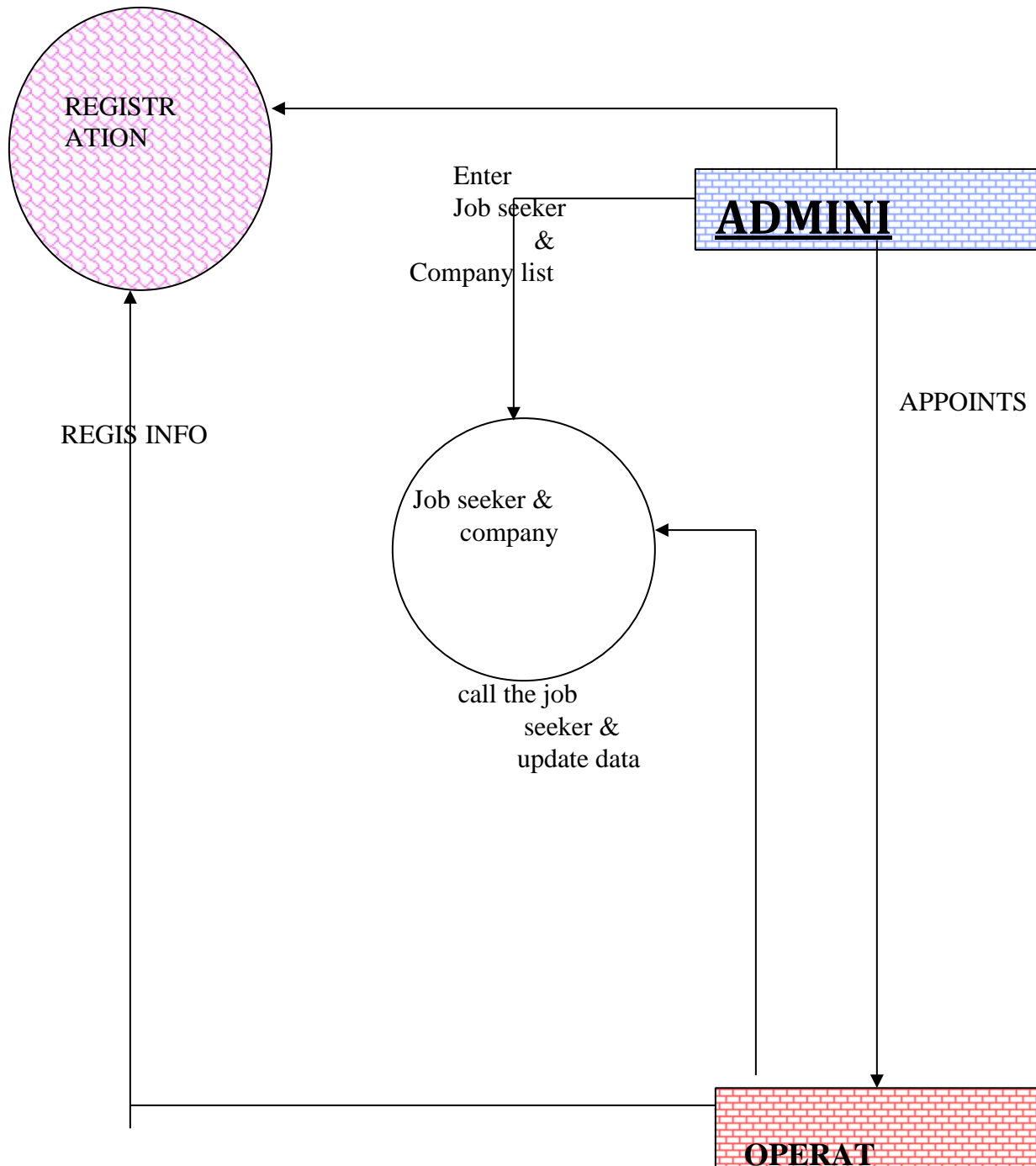
A data shows a flow of information from its source to its destination. A line represents a dataflow, with the arrow heads showing the direction of flow.

**5.3 ER-Diagram**

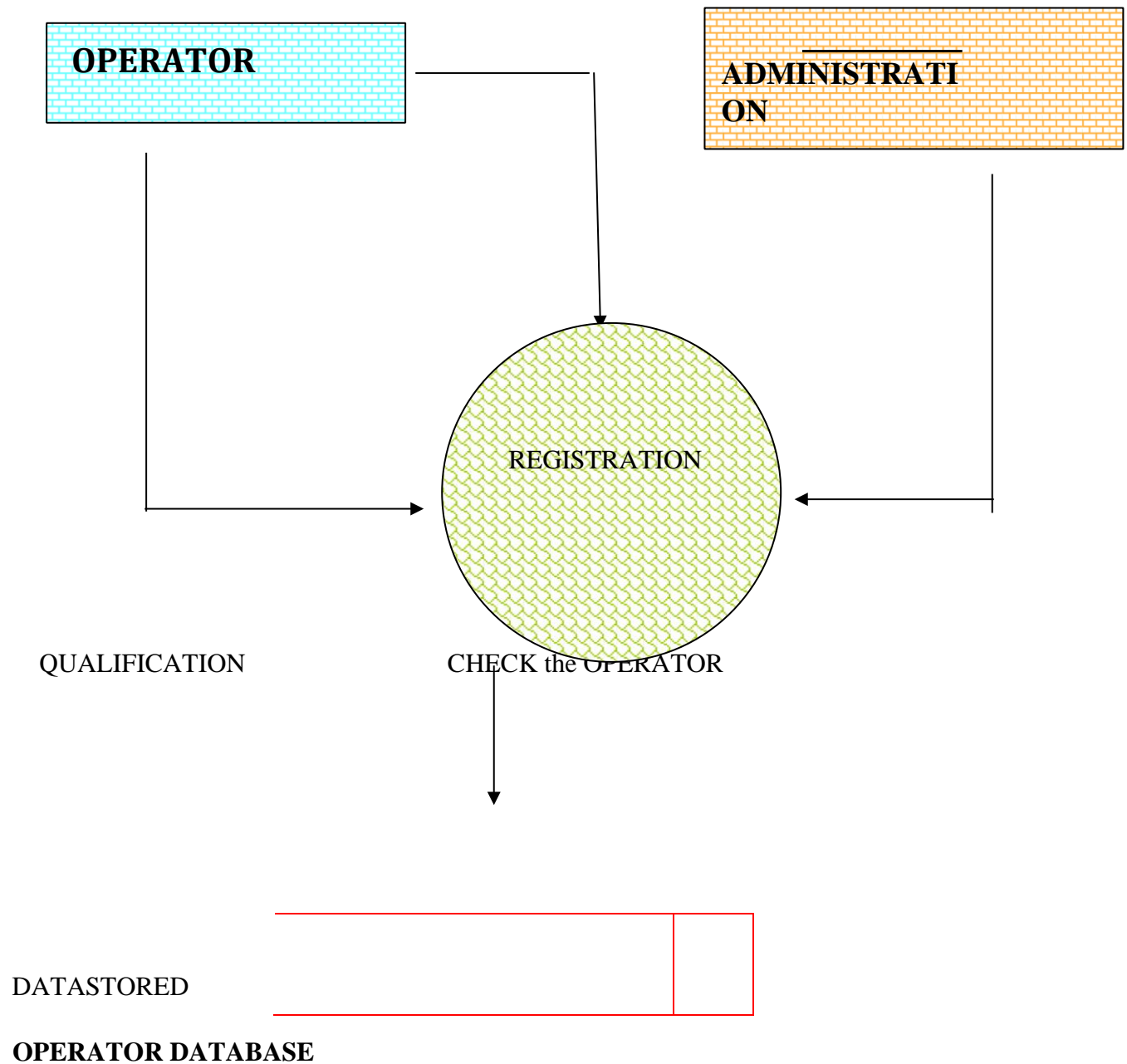
In software engineering, an entity relationship model is an abstract and conceptual representation of data. Entity relationship modeling is a database modeling method, used to produce a type of conceptual schema or semantic data model of a system, often a relational database, and its requirements a top-down fashion. Diagrams created by this process are called entity relationship diagrams, ER diagrams for ERDs. The result is a series of diagrams that represent the business activities in a way that is clear and easy to communicate. A business model comprises one or more data flow diagrams. Initially a context diagram is drawn, which is simple representation of the entire system under investigation.

**Entity Relationship Diagram Symbols**

**WEAK ENTITY****WEAK RELATIONSHIP****COMPOSITE ATTRIBUTE**

**5.3.1 ER DIAGRAM**





## CHAPTER 6

### CODING

#### INDEX PAGE

```

<?php
session_start();
if(isset($_SESSION['$UserName_job'])){
}
else{
header('location:../index.php');
}
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="cs" lang="cs"> <head>
  <meta http-equiv="content-type" content="text/html; charset=utf-8" />
  <meta http-equiv="content-language" content="cs" />
  <meta name="robots" content="all, follow" />

  <meta name="author" content="All: ... [Nazev webu - www.url.cz]; e-mail: info@url.cz" />
  <meta name="copyright" content="Design/Code: Vit Dlouhy [Nuvio - www.nuvio.cz]; e-mail:
vit.dlouhy@nuvio.cz" />

  <title>JOB PORTAL</title>
  <meta name="description" content="..." />
  <meta name="keywords" content="..." />

  <link rel="index" href="." title="Home" />
  <link rel="stylesheet" media="screen,projection" type="text/css" href="/css/main.css" />
  <link rel="stylesheet" media="print" type="text/css" href="/css/print.css" />
  <link rel="stylesheet" media="aural" type="text/css" href="/css/aural.css" />
<style type="text/css">
<!-- .style1 {
color: #000066;
font-weight: bold;
}
-->
</style>

```

```
</head>

<body id="www-url-cz">
<!-- Main -->
<div id="main" class="box">
<?php include "Header.php"
?> <?php include
"menu.php"
?>
<!-- Page (2 columns) -->
  <div id="page" class="box">
    <div id="page-in" class="box">

      <div id="strip" class="box noprint">

        <!-- RSS feeds -->
        <hr class="noscreen" />

        <!-- Breadcrumbs -->
        <p id="breadcrumbs">&nbsp;</p>
        <hr class="noscreen" />

      </div> <!-- /strip -->

      <!-- Content -->
      <div id="content">

        <!-- /article -->

        <hr class="noscreen" />

        <!-- /article -->

        <hr class="noscreen" />

        <!-- Article -->

        <!-- /article -->

        <hr class="noscreen" />
```

```

<!-- Article -->
<div class="article">
  <h2><span><a href="#">Welcome To Control Panel</a></span></h2>

  <table width="100%" border="0">
    <tr>
      <td><div align="center"></div></td>
      <td><div align="center"></div></td>
      <td><div align="center"></div></td>
    </tr>
    <tr>
      <td bgcolor="#A0B9F3"><div align="center"><a
href="Profile.php"><strong>Profile</strong></a></div></td>
      <td bgcolor="#A0B9F3"><div align="center"><a
href="Education.php"><strong>Education</strong></a></div></td>
      <td bgcolor="#A0B9F3"><div align="center"><a href="SearchJob.php"><strong>Search
JOB</strong></a></div></td>
    </tr>
    <tr>
      <td><div align="center"></div></td>
      <td><div align="center"></div></td>
      <td><div align="center"></div></td>
    </tr>
    <tr>
      <td bgcolor="#A0B9F3"><div align="center"><a
href="Walkin.php"><strong>Walkin</strong></a></div></td>
      <td bgcolor="#A0B9F3"><div align="center"><a
href="Feedback.php"><strong>Feedback</strong></a></div></td>
      <td bgcolor="#A0B9F3"><div align="center"><a
href="logout.php"><strong>Logout</strong></a></div></td>
    </tr>
  </table>
  <p>&nbsp;</p>

```

```

        <p class="btn-more box noprint">&nbsp;</p>
    </div> <!-- /article -->

```

```

    <hr class="noscreen" />

```

```

</div> <!-- /content -->

```

```

<?php
include "right.php"
?>

```

```

</div> <!-- /page-in -->
</div> <!-- /page -->

```

```

<?php
include "footer.php"
?>
</div> <!-- /main -->

```

```

</body>
</html>

```

## LOGIN PAGE

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Untitled Document</title>
</head>

<body> <?php
session_start();
$UserName=$_POST['txtUser'];
$Password=$_POST['txtPass']; $UserType=$_POST['cmbUser'];
if($UserType=="Administrator")
{
$con = mysqli_connect("localhost","root","","job");

```

```
$sql = "select * from user_master where UserName='".$UserName.'" and
Password='".$Password.'";
$result = mysqli_query($con,$sql);
$records = mysqli_num_rows($result);
$row = mysqli_fetch_array($result); if
($records==0)
{
echo '<script type="text/javascript">alert("Wrong UserName or
Password");window.location=\'index.php\';</script>';
} else
{
$_SESSION['$UserName']=$UserName;
header("location:Admin/index.php");
}
mysqli_close($con);
}
else if($UserType=="JobSeeker")
{
$con = mysqli_connect("localhost","root","","job");
$sql = "select * from jobseeker_reg where UserName='".$UserName.'" and
Password='".$Password.'" and Status='Confirm'";
$result = mysqli_query($con,$sql);
$records = mysqli_num_rows($result);
$row = mysqli_fetch_array($result); if
($records==0)
{
echo '<script type="text/javascript">alert("Wrong UserName or
Password");window.location=\'index.php\';</script>';
} else
{
$_SESSION['ID']=$row['JobSeekId'];
$_SESSION['Name']=$row['JobSeekerName'];
$_SESSION['$UserName_job']=$UserName;
header("location:JobSeeker/index.php");
}
mysqli_close($con);
} else
{
$con = mysqli_connect("localhost","root","","job");
$sql = "select * from employer_reg where UserName='".$UserName.'" and
Password='".$Password.'" and Status='Confirm'";
$result = mysqli_query($con,$sql);
```

```
$records = mysqli_num_rows($result);
$row = mysqli_fetch_array($result); if
($records==0)
{
echo      '<script      type="text/javascript">alert("Wrong      UserName      or
Password");window.location=\'index.php\';</script>';
} else
{
$_SESSION['ID']=$row['EmployerId'];
$_SESSION['Name']=$row['CompanyName']; $_SESSION['$UserName_emp']=$UserName;
header("location:Employer/index.php");
}
mysqli_close($con);
}
?>

</body>
</html>
```

## JOB SEEKER PAGE

```
<?php
if(!isset($_SESSION))
{
session_start();
}
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"> <head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Untitled Document</title>
```

```
</head>

<body>
<?php

$JobId=$_GET['JobId'];
$JobSeekId=$_SESSION['ID'];
$Status="Apply";
$Desc="No Message";

// Establish Connection with MYSQL
$con1 = mysqli_connect ("localhost","root","","job");

// Specify the query to Insert Record
$sql1 = "select * from application_master where JobSeekId='".$JobSeekId.'" and
JobId='".$JobId.'";
// execute query
$result1 = mysqli_query ($con1,$sql1);
$records1 = mysqli_num_rows($result1);
// Close The Connection
mysqli_close ($con1);
if($records1==0)
{

// Establish Connection with MYSQL
$con = mysqli_connect ("localhost","root","","job");

// Specify the query to Insert Record
$sql = "insert into application_master (JobSeekId,JobId,Status,Description)
values('".$JobSeekId."','".$JobId."','".$Status."','".$Desc."')";
// execute query
mysqli_query ($con,$sql);
// Close The Connection
mysqli_close ($con);

echo '<script type="text/javascript">alert("Succesfully Applied For
Job");window.location=\'SearchJob.php\';</script>';
} else
{
echo
'<s
cript
```



```

        ty
    pe="t
ext/ja
vascr
ipt">
alert(
"You
    ha
ve
    alr
eady
    A
pplie
d
    Fo
r
Job");window.location=\'SearchJob.php\';</script>;
}
?>
</body>
</html>

```

## EMPLOYER PAGE

```

<?php
session_start();
if(isset($_SESSION['$UserName_emp'])){
}
else
{
header('location:../index.php');
}
?>

<?php $con=mysqli_connect("localhost","root","","job") ?>
<?php
if (!function_exists("GetSQLValueString")) {
function    GetSQLValueString($theValue,    $theType,    $theDefinedValue    =    "",

```

```

$theNotDefinedValue = "")
{
    $theValue = get_magic_quotes_gpc() ? stripslashes($theValue) : $theValue;

    //      $theValue      =      function_exists("mysqli_real_escape_string")      ?
    mysqli_real_escape_string($theValue) : mysqli_escape_string($theValue);

    switch ($theType) {
    case "text":
        $theValue = ($theValue != "") ? "" . $theValue . "" : "NULL";
    break;   case "long":   case "int":
        $theValue = ($theValue != "") ? intval($theValue) : "NULL";
    break;   case "double":
        $theValue = ($theValue != "") ? "" . doubleval($theValue) . "" : "NULL";
    break;   case "date":
        $theValue = ($theValue != "") ? "" . $theValue . "" : "NULL";
    break;   case "defined":
        $theValue = ($theValue != "") ? $theDefinedValue : $theNotDefinedValue;
    break;
    }
    return $theValue;
}
}

$colname_Recordset1 = "-1"; if
(isset($_SESSION['Name'])) {
    $colname_Recordset1 = $_SESSION['Name'];
}

$query_Recordset1      =      sprintf("SELECT      JobId, JobTitle      FROM      job_master
      WHERE CompanyName = %s", GetSQLValueString($colname_Recordset1, "text"));
$Recordset1 = mysqli_query($con,$query_Recordset1) or die(mysqli_error());
$row_Recordset1 = mysqli_fetch_assoc($Recordset1);
$totalRows_Recordset1 = mysqli_num_rows($Recordset1);

$query_Recordset2 = "SELECT application_master.ApplicationId, application_master.Status,
jobseeker_reg.JobSeekerName, jobseeker_reg.City,  jobseeker_reg.Email, application_master.JobId
      FROM      application_master,  jobseeker_reg WHERE
jobseeker_reg.JobSeekId=application_master.JobSeekId";
$Recordset2 = mysqli_query($con,$query_Recordset2) or die(mysqli_error());
$row_Recordset2 = mysqli_fetch_assoc($Recordset2);

```

```
$totalRows_Recordset2 = mysqli_num_rows($Recordset2);
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="cs" lang="cs"> <head>
  <meta http-equiv="content-type" content="text/html; charset=utf-8" />
  <meta http-equiv="content-language" content="cs" />
  <meta name="robots" content="all, follow" />

  <meta name="author" content="All: ... [Nazev webu - www.url.cz]; e-mail: info@url.cz" /> <meta
name="copyright" content="Design/Code: Vit Dlouhy [Nuvio - www.nuvio.cz]; e-mail:
vit.dlouhy@nuvio.cz" />

<title>JOB PORTAL</title>
  <meta name="description" content="..." />
  <meta name="keywords" content="..." />

  <link rel="index" href="." title="Home" />
  <link rel="stylesheet" media="screen, projection" type="text/css" href="./css/main.css" />
  <link rel="stylesheet" media="print" type="text/css" href="./css/print.css" />
  <link rel="stylesheet" media="aural" type="text/css" href="./css/aural.css" />
<style type="text/css">
<!-- .style1 {
color: #000066;
font-weight: bold;
}
.style3 {font-weight: bold}
-->
</style>
</head>

<body id="www-url-cz">
<!-- Main -->
<div id="main" class="box">
<?php
include "Header.php"
?> <?php
include "menu.php"
?>
<!-- Page (2 columns) -->
  <div id="page" class="box">
    <div id="page-in" class="box">
```

```
<div id="strip" class="box noprint">

    <!-- RSS feeds -->
    <hr class="noscreen" />

    <!-- Breadcrumbs -->
    <p id="breadcrumbs">&nbsp;</p>
    <hr class="noscreen" />

</div> <!-- /strip -->

<!-- Content -->
<div id="content">

    <!-- /article -->

    <hr class="noscreen" />

    <!-- /article -->

    <hr class="noscreen" />

    <!-- Article -->

    <!-- /article -->

    <hr class="noscreen" />

    <!-- Article -->
    <div class="article">
        <h2><span><a href="#">Welcome To Control Panel</a></span></h2>

        <form id="form1" method="post" action="Application.php">
            <table width="100%" border="0" cellspacing="0" cellpadding="0">
                <tr>
                    <td><strong>Select Job Title:</strong></td>
                    <td><label>
                        <select name="cmbTitle" id="cmbTitle">
```

```

        <?php
do { ?>
        <option value="<?php echo $row_Recordset1['JobId']?>"><?php echo
$row_Recordset1['JobTitle']?></option>
        <?php
} while ($row_Recordset1 = mysqli_fetch_assoc($Recordset1));
$rows = mysqli_num_rows($Recordset1);

if($rows > 0) {
    mysqli_data_seek($Recordset1, 0);
    $row_Recordset1 = mysqli_fetch_assoc($Recordset1);
}
?>

        </select>
        </label></td>
<td><label>
        <input type="submit" name="button" id="button" value="View " />
</label></td>
        </tr>
        </table>
        </form>
        <?php
if
(isset($_POST['cmbTitle']))
{
    $Title=$_POST['cmbTitle'];

    ?>
    <table width="100%" border="1" bordercolor="#1CB5F1" >
    <tr>
        <th height="32" bgcolor="#1CB5F1" class="style3"><div align="left" class="style9
style5"><strong>Id</strong></div></th>
        <th bgcolor="#1CB5F1" class="style3"><div align="left" class="style9
style5"><strong>Name</strong></div></th>
        <th bgcolor="#1CB5F1" class="style3"><div align="left" class="style9
style5"><strong>City</strong></div></th>
        <th bgcolor="#1CB5F1" class="style3"><div align="left" class="style9
style5"><strong>Email</strong></div></th>
        <th bgcolor="#1CB5F1" class="style3"><div align="left" class="style9
style5"><strong>Status</strong></div></th>

```

```

        <th      bgcolor="#1CB5F1"  class="style3"><div    align="left"    class="style9
style5"><strong>View & Send</strong></div></th>
    </tr>
    <?php
// Establish Connection with Database
$con = mysqli_connect("localhost","root","","job");

// Specify the query to execute
$sql = "SELECT application_master.ApplicationId, application_master.Status,
jobseeker_reg.JobSeekerName, jobseeker_reg.City,  jobseeker_reg.Email, jobseeker_reg.JobSeekId,
application_master.JobId
FROM application_master, jobseeker_reg
WHERE jobseeker_reg.JobSeekId=application_master.JobSeekId    and
application_master.JobId='".$Title."'";

// Execute query
$result = mysqli_query($con,$sql);
$stat=1;
// Loop through each records
while($row = mysqli_fetch_array($result))
{
    $Id=$row['ApplicationId'];
    $Status=$row['Status'];
    $JobSeekerName=$row['JobSeekerName'];
    $City=$row['City'];
    $Email =$row['Email'];
    $JobSeekId=$row['JobSeekId'];
    ?>
        <tr>
            <td class="style3"><div align="left" class="style9 style5"><strong><?php echo
$Id;?></strong></div></td>
            <td class="style3"><div align="left" class="style9 style5"><strong><?php echo
$JobSeekerName;?></strong></div></td>
            <td class="style3"><div align="left" class="style9 style5"><strong><?php echo
$City;?></strong></div></td>
            <td class="style3"><div align="left" class="style9 style5"><strong><?php echo
$Email;?></strong></div></td>
            <td class="style3"><div align="left" class="style9 style5"><strong><?php echo
$Status;?></strong></div></td>

```

```
<td class="style3"><div align="left" class="style9 style5"><strong></strong><a
href="ViewBiodata.php?JobSeekId=<?php echo $JobSeekId; ?>&AppId=<?php echo
$Id;?>&JobId=<?php echo $Title;?>&Status=<?php echo $Status;?>">View</a></div></td>
</tr>
<?php
}
// Retrieve Number of records returned
$records = mysqli_num_rows($result);
?>

</table>
<?php

// Close the connection
mysqli_close($con);
}
?>

<p>&nbsp;</p>

<p class="btn-more box noprint">&nbsp;</p>
</div> <!-- /article -->

<hr class="noscreen" />

</div> <!-- /content -->

<?php
include "right.php"
?>

</div> <!-- /page-in -->
</div> <!-- /page -->

<?php
include "footer.php"
?>
</div> <!-- /main -->

</body>
</html> <?php
mysqli_free_result($Recordset1);
```

```
mysqli_free_result($Recordset2);  
?>
```

## ADMINISTRATER PAGE

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head>  
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" /> <title>Untitled  
Document</title>  
</head>  
  
<body>  
<?php  
$Id = $_GET['EmpId'];  
// Establish Connection with MYSQL  
$con = mysqli_connect("localhost","root","","job");  
// Select Database  
  
// Specify the query to Update Record  
$sql = "Update Employer_Reg set Status='Confirm' where EmployerId=".$Id."";  
// Execute query  
mysqli_query($con,$sql);  
// Close The Connection  
mysqli_close($con);  
echo '<script type="text/javascript">alert("Employer Request  
Confirmed");window.location=\'ManageEmployer.php\';</script>'; ?>  
</body>  
</html>
```

## EMPLOYEE APPROVE PAGE

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head>
```



```

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>
<?php
$Id = $_GET['JobId'];
// Establish Connection with Database
$con = mysqli_connect("localhost","root","","job");
// Specify the query to Update Record
$sql = "Update JobSeeker_Reg set Status='Confirm' where JobSeekId=".$Id."";
// Execute query mysqli_query($con,$sql);
// Close The Connection
mysqli_close($con);
echo      '<script      type="text/javascript">alert("Job      Seeker      Request
Confirmed");window.location=\'ManageJob.php\';</script>';
?>
</body>
</html>

```

## FEEDBACK PAGE

```

<?php
session_start();
if(isset($_SESSION['$UserName_job'])){
}
else{
header('location:../index.php');
}
?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="cs" lang="cs"> <head>
  <meta http-equiv="content-type" content="text/html; charset=utf-8" />
  <meta http-equiv="content-language" content="cs" />
  <meta name="robots" content="all, follow" />

  <meta name="author" content="All: ... [Nazev webu - www.url.cz]; e-mail: info@url.cz" />
  <meta name="copyright" content="Design/Code: Vit Dlouhy [Nuvio - www.nuvio.cz]; e-mail:

```

vit.dlouhy@nuvio.cz" />

<title>JOB PORTAL</title>

<meta name="description" content="..." />

<meta name="keywords" content="..." />

<link rel="index" href="." title="Home" />

<link rel="stylesheet" media="screen,projection" type="text/css" href="./css/main.css" />

<link rel="stylesheet" media="print" type="text/css" href="./css/print.css" />

<link rel="stylesheet" media="aural" type="text/css" href="./css/aural.css" />

<style type="text/css">

<!--

.style1 { color:

#000066; font-

weight: bold;

}

-->

</style>

<script src="../SpryAssets/SpryValidationTextarea.js" type="text/javascript"></script>

<link href="../SpryAssets/SpryValidationTextarea.css" rel="stylesheet" type="text/css" /> </head>

<body id="www-url-cz">

<!-- Main -->

<div id="main" class="box">

<?php

include "Header.php"

?> <?php

include "menu.php"

?>

<!-- Page (2 columns) -->

<div id="page" class="box">

<div id="page-in" class="box">

<div id="strip" class="box noprint">

<!-- RSS feeds -->

<hr class="noscreen" />

<!-- Breadcrumbs -->

<p id="breadcrumbs">You are here: <a href="index.php">Home</a></p>

<hr class="noscreen" />

```

</div> <!-- /strip -->

<!-- Content -->
<div id="content">

    <!-- /article -->

    <hr class="noscreen" />

    <!-- /article -->

    <hr class="noscreen" />

    <!-- Article -->

    <!-- /article -->

    <hr class="noscreen" />

    <!-- Article -->
    <div class="article">
        <h2><span><a href="#">Feedback </a></span></h2>

        <table width="100%" border="0" cellspacing="0" cellpadding="0">
            <tr>
                <td bgcolor="#A0B9F3"><strong>Give Your Feedback</strong></td>
            </tr>
        </table>

        <td><form id="form1" method="post" action="InsertFeedback.php">
            <table width="100%" border="0" cellspacing="0" cellpadding="0">
                <tr>
                    <td>Feedback:</td>
                    <td><span id="spryttextarea1">
                        <label>
                            <textarea name="txtFeedback" id="txtFeedback" cols="35" rows="5"></textarea>
                        </label>
                        <span class="textareaRequiredMsg">A value is required.</span></span></td>
                </tr>
            </table>
        </td>
    </div>

```

```

        <td>&nbsp;</td>
        <td><label>
            <input type="submit" name="button" id="button" value="Submit" />
</label></td>
    </tr>
</table>
    </form>
</td>
</tr>
</table>
<p>&nbsp;</p>

<p class="btn-more box noprint">&nbsp;</p>
</div> <!-- /article -->

<hr class="noscreen" />

</div> <!-- /content -->

<?php
include "right.php"
?>

</div> <!-- /page-in -->
</div> <!-- /page -->

<?php
include "footer.php"
?>
</div> <!-- /main -->

<script type="text/javascript">
<!--
var sprytextarea1 = new Spry.Widget.ValidationTextarea("sprytextarea1"); //-->
</script>
</body>
</html>

```

## LOGOUT PAGE

```
<?php
// *** Logout the current user.
$logoutGoTo = "../index.php";
if (!isset($_SESSION)) {
    session_start();
}
$_SESSION['MM_Username'] = NULL; $_SESSION['MM_UserGroup']
= NULL; unset($_SESSION['MM_Username']);
unset($_SESSION['MM_UserGroup']);
if ($logoutGoTo != "") {header("Location: $logoutGoTo");
exit; }
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>
</body>
</html>
```

## CHAPTER 7

### TESTING

#### 7.1 INTRODUCTION

Testing is a process, which reveals errors in the program. It is the major quality measure employed during software development. During software development, during testing the program is executed with a set of test cases and the output of the program for the cases is evaluated to determine if the program is performing as it is expected to perform.

We have 3 types of testing:

1. Unit testing
2. Integration testing
3. System testing

#### 7.1.1 Unit Testing

Unit testing is a process verification effort on the smallest unit of software i.e the module. Using the detailed design and the process specification testing is done to uncover errors within the boundary of the module. All modules must be successful in the unit test before the start of the integration testing begins. In this project each service can be thought of a module.

Giving different sets of inputs has tested each module. When developing the module as well as finishing the development so that each module works without any error. The inputs are validated when accepting from the user. In this application developer tests the programs up as system. Software units in a system are the modules and routines that are assembled and ignored to form a specific function. Unit testing is first done on modules, independent of one another to locate errors. This enables to detect errors. Through this error resulting from interaction between modules initially avoided.

#### 7.1.2 Integration Testing

After the unit testing, we must perform integration testing. The goal here is to see if modules can be integrated properly, the emphasis being on testing the design and hence the emphasis of testing module interactions. In

this project integrating all the modules forms the main system. When integrating all the modules we have checked whether the integration effects working of any of the services by giving different combination of inputs with which the two services are perfectly before integration.

### **7.1.3 System Testing**

Here the entire project system is tested. The reference document for this process is the requirements document, and the goal as to see if software meets its requirements. The testing of the software began along with coding. Since the design was fully object-oriented, first the interface was developed and tested. Then until testing was done for every module in the software for various inputs, such that each line of code is at least once executed.

System testing is a series of different test whose primary purpose is to fully exercise computerbased system. We can say that it will run according to its specifications and in the way users expect. Special test data are input for processing, and the results examined. A limited number of users may be allowed to use the system so that analyst can see whether they try to use it in unforeseen ways. It is desirable to discover any surprises before the organization implements the system and depends on it.

- ☐ We follow Black Box testing.
- ☐ Black box testing attempts to find errors in following
  - ☐ Incorrect or missing function
  - ☐ Interface errors
  - ☐ Errors in data structure
  - ☐ Initialization and termination errors

## CHAPTER 8

## SNAPSHOTS

The screenshot shows a web browser window with the address bar displaying 'localhost/onlinejobportal/index.php'. The page has a light blue header with a hamburger menu icon and the text 'Welcome To Job Portal System'. Below the header, there is a large banner image of a man in a blue shirt looking at a laptop, with the text 'Find Job in your Desire Industry' overlaid. To the right of the banner, there is a 'Contact Us' section with the following information: Online-JOB, 099520612, 9823480941, Online-JOB.ind.com, and Jayanagar, Bengaluru. Below the contact information is a 'Login' section with fields for 'User Name' (containing 'xyz'), 'Password' (containing '\*\*\*'), and 'User Type' (a dropdown menu set to 'Administrator'). There is a 'Login' button and a link for 'Forgot Password?'.

**Fig:8.1 Admin Login Page**

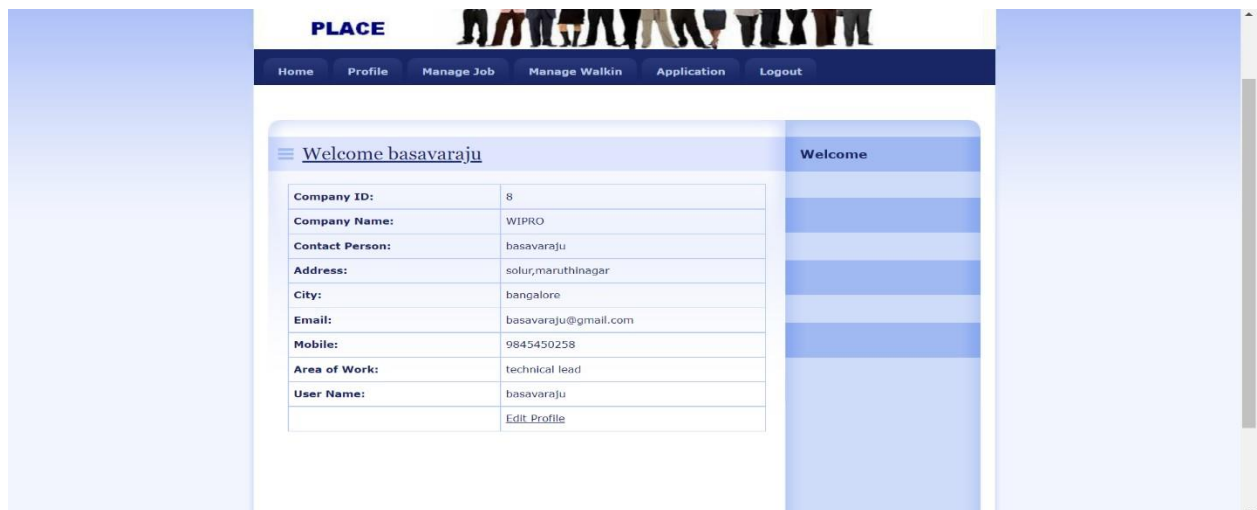
The screenshot shows the same web browser window as Fig:8.1, but with the 'User Type' dropdown menu set to 'Employer'. The 'User Name' field now contains 'basavaraju' and the 'Password' field contains '\*\*\*\*\*'. The 'Login' button is still present, and the 'Forgot Password?' link is also visible.

**Fig:8.2 Employer Login Page**

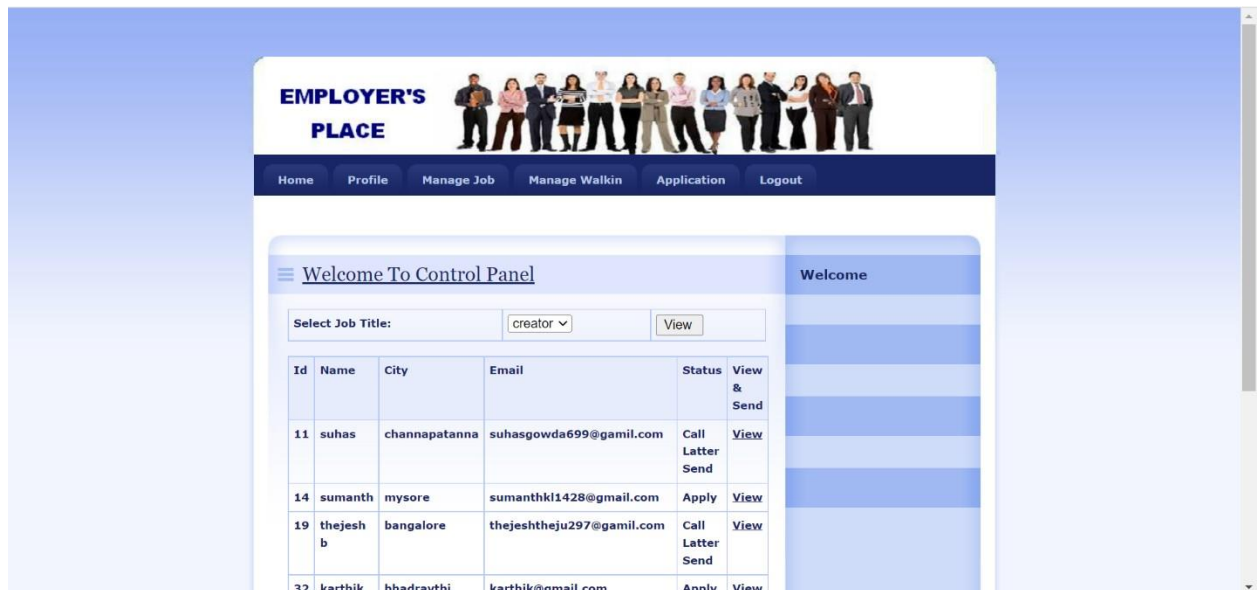




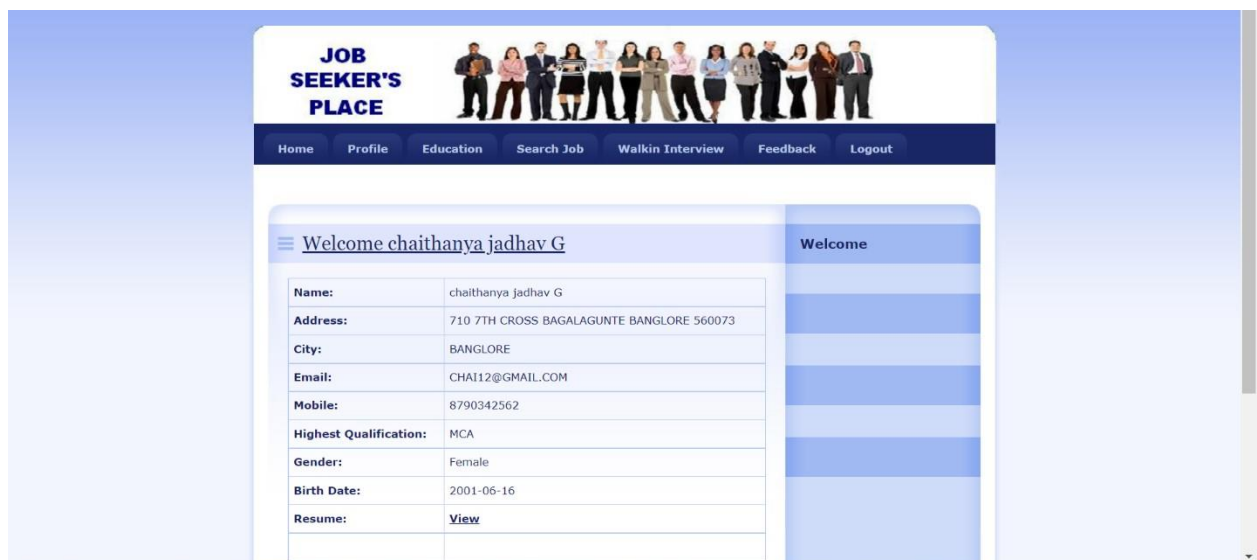
**Fig:8.3 Employers Place Page**



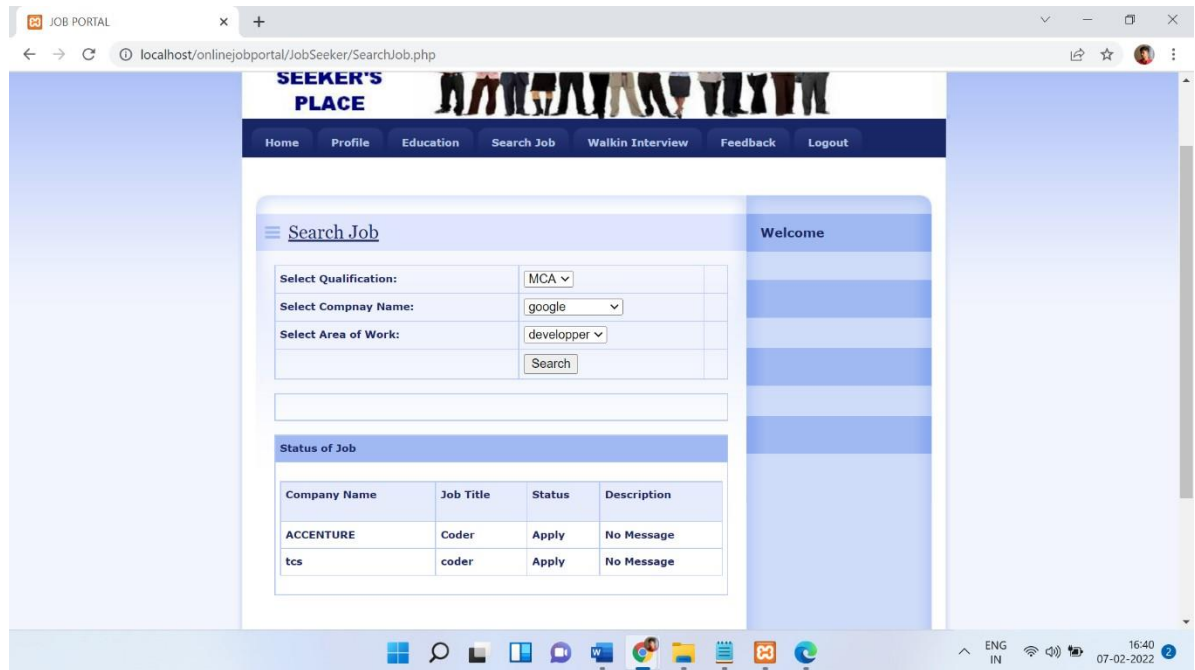
**Fig:8.4 Employers Profile Page**



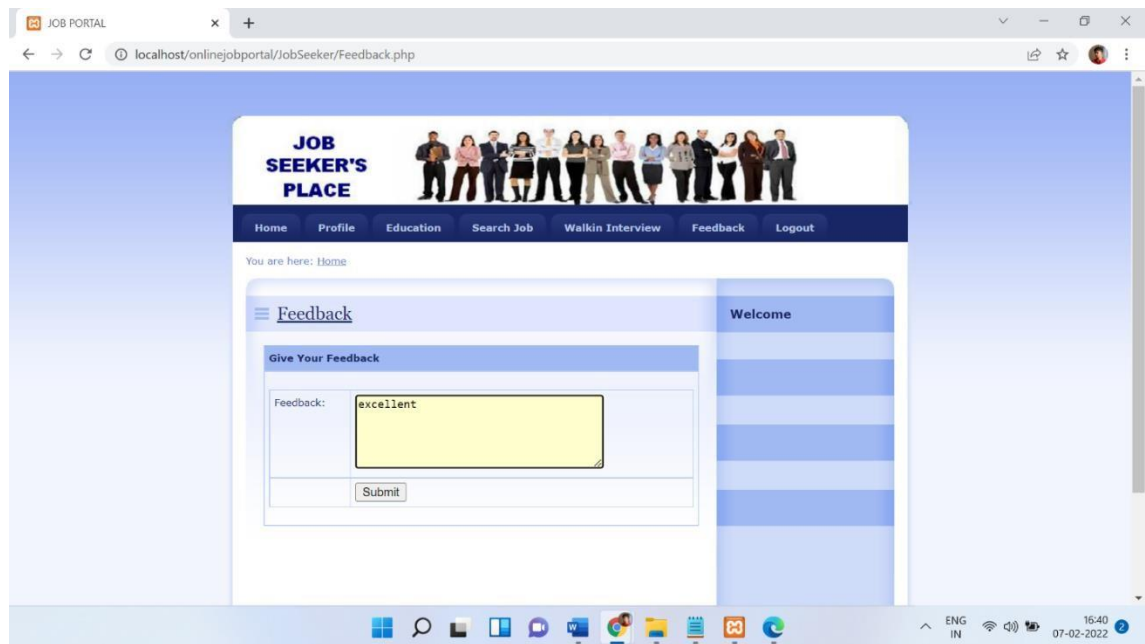
**Fig:8.5 Employers Control Page**



**Fig:8.6 Job Seekers Profile Page**



**Fig:8.7 Search Job Page**



**Fig:8.8 Feedback Page**

## CHAPTER 9

### CONCLUSION

We have tried to develop a system that can be a great help to the modern technological world to register the requirements and needs from people. We have left all the options open so that if there is any other future requirement in the system by the user for enhancement of the system then it is possible to implement them.

The ONLINE JOB PORTAL initiates the objective of providing a organizer with customized and easy way of applying and process management system side software is built with all options like finding new jobs and applying for jobs.

## CHAPTER 10

### FUTURE ENHANCEMENT

There is a cost associated with everything we do in life. Being a student just as difficult as any other phase of life. There are times when students start feeling that they are way too dependent on their parents. Along with studies, there are so many other expenses that need to be covered. Many students prefer focusing only on their studies. As opposed to this, others are either passionate to work alongside studies or their circumstances are such that they are forced to work.

From being a college student to turning into a financially responsible adult is important and necessary for everyone. There is a great scope of online jobs for students to earn money online. It is a legit and stable source of income. Above all, this makes the student independent. Besides this, part-time online jobs for students helps in giving students an experience of the work environment they wish to be a part of someday. Additionally, it helps them in building connections that are of great help in the future.

## CHAPTER 11

### BIBLIOGRAPHY

We are able to complete our project successfully only because we could find references which were helpful and precise-to-context. We used both reference material available on the internet as well as printed material for help during the project implementation. Below is the list of references we would like to quote:

#### WEBSITES:

1. <https://code-projects.org/online-job-portal-system-in-php-with-source-code/>
2. <https://www.geeksforgeeks.org/java-identifiers/?ref=lbp>

#### REFERENCES:

1. Professional 'PHP Guide by ALAN FORBES'
2. Learning PHP by 'Alan'
3. My SQL : Vikram vaswani