



MANIPAL INSTITUTE OF TECHNOLOGY
(A constituent Institute of MANIPAL UNIVERSITY)
MANIPAL - 576 104, KARNATAKA, INDIA

Industrial Training on WEB DEVELOPMENT

**SUBMITTED
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**Under the Guidance of:
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CERTIFICATE



GAJALAKSHMI SOFTWARE SYSTEMS PVT. LTD.

Committed Truly to the Customer Values

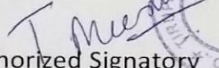
Dt: 30/07/2016

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Hema Sai Aishwarya V**, pursuing her B.Tech (CSE) 3rd Year, Register No.130905580 at Manipal Institute of Technology, Manipal has attended the Technology Internship Program at Gajalakshmi Software Systems Private Limited, Tirupati for 8 weeks with effect from **03rd June, 2016 to 30th July, 2016.**

We take this opportunity to thank her and wish her all the best for her future.

For Gajalakshmi Software Systems Pvt.Ltd.,


Authorized Signatory



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⊕ Software Development
⊕ Mobile & Web Applications
⊕ Startup Incubation Center

ABSTRACT

The main aim of this project is to develop a website for the alumni of a university.

Here the alumni can register themselves and login to their profiles. Once they login they will be redirected to their profile page. They can update their personal, educational and work details here.

Apart from these, they can write news articles. Only the user who created a news article is authenticated to edit, delete that particular article. They can also update the other users with job related information and reunion information.

The user can log out from the profile whenever they want to. The details they update in their profiles are updated to the database. Sessions are used for user login and log out.

The languages used for the front end development are:

- HTML
- CSS

The languages used for back end development are:

- Javascript (for validations)
- PHP
- MongoDB (for database management)

Software tools used:

- Codeigniter
- Eclipse

COMPANY PROFILE

GLS Systems, established in May 2008, is headed by a team has experts business process and domain knowledge in a variety of industries and business environments. The team's entrepreneurial skills, experience and expertise in cutting edge technologies, management and operations provide the strong foundation and leadership for GLS's continued growth.

GLS Systems offers a wide range of services including business process outsourcing, on-site technical consulting, offshore software development, and product lifecycle management. By combining the domain expertise with the low cost offshore software development, this company's offshore Delivery Model delivers enhanced productivity, a cost savings of up to 45%, and faster time to market.

They are committed to deliver business benefits and ensure that the customer derives maximum from its I.T. Investment. Their delivery models leverage on state-of-the-art infrastructure and functional capabilities of our development centres in India. They provide a virtual "24 hours workday" transcending global time zones that is cost effective, expedites projects by providing round the clock support for critical software applications 365 days a year.

Gls systems is a fast growing software development company aiming at providing software products for their clients at the reasonable budget. They help the companies located globally to develop innovative software products that will help them in gaining competitive advantage over their competitors. Their range of services includes software development, testing of the software, application development and so on. They have roped in some of the best software engineers who by using their expertise and experience will deliver software services to your satisfaction.

Their software development services cater to various domains like finance, healthcare, banking, touch screen development, retail, industrial, e-commerce and business.

They develop the software products by making use of the latest technology which will ensure customers to gain measurable business profits. Experts at Gls systems will also provide customers with the valuable suggestion of upgrading your software within their expected budget.

Web Development:

It is a web development company specialized in providing high end web development solutions to their customers. They are pioneers in delivering end to end web solutions which are in sync with the latest industry trends.

Product Development:

Their extensive product development expertise enables to deliver high quality, reliable and cost-effective Software Products to clients. Their core strategy is to build innovative products those accomplishing client expectations, compatible to integrate with latest technologies, minimising the cost and maximising the ROI .

Ecommerce Development:

The top priority that they ensure is that their customers have a secure system in place for every online transaction be it either in consumer markets or business to business. They provide their customers with the following solutions: B2B (business to business), B2C (business to consumer), M-commerce (mobile commerce) etc. This would definitely pave a convenient way for their clients to reach the global market.

Their Expertise also Extends to the following fields :

- Software Analysis and design
- Software Upgrade
- Client Server Applications
- Data Conversion
- Database Maintenance
- Systems Programming
- Wireless and Mobile applications.

LANGUAGES

HyperText Markup Language (HTML)

HTML is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS), and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects, such as interactive forms may be embedded into the rendered page. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as `` and `<input />` introduce content into the page directly. Others such as `<p>...</p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript which affect the behaviour and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), maintainer of both the HTML and the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

Cascading Style Sheets (CSS)

CSS is a style sheet language used for describing the presentation of a document written in a markup language. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document, including plain XML, SVG and XUL, and is applicable to rendering in speech, or on other media.

CSS is a cornerstone technology used by most websites to create visually engaging web pages, user interfaces for web applications, and user interfaces for many mobile applications. CSS is designed primarily to enable the separation of document content from

document presentation, including aspects such as the layout, colours, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple HTML pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

PHP

PHP is a server-side scripting language designed primarily for web development but is also used as a general-purpose programming language. Originally created by Rasmus Lerdorf in 1994, the PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive acronym *PHP: Hypertext Preprocessor*.

PHP code may be embedded into HTML code, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.

Javascript

JavaScript is a high-level, dynamic, untyped, and interpreted programming language. It has been standardized in the ECMAScript language specification. Alongside HTML and CSS, it is one of the three core technologies of World Wide Web content production; the majority of websites employ it and it is supported by all modern Web browsers without plug-ins.

JavaScript is prototype-based with first-class functions, making it a multi-paradigm language, supporting object-oriented, imperative, and functional programming styles.

It has an API for working with text, arrays, dates and regular expressions, but does not include any I/O, such as networking, storage, or graphics facilities, relying for these upon the host environment in which it is embedded.

JavaScript is also used in environments that are not Web-based, such as PDF documents, site-specific browsers, and desktop widgets. Newer and faster JavaScript virtual machines (VMs) and platforms built upon them have also increased the popularity of JavaScript for server-side Web applications. On the client side, JavaScript has been traditionally implemented as an interpreted language, but more recent browsers perform just-in-time compilation. It is also used in game development, the creation of desktop and mobile applications, and server-side network programming with run-time environments such as Node.js.

MongoDB

MongoDB is a Free and open-source cross-platform document-oriented database. Classified as a NoSQL database, MongoDB avoids the traditional table-based relational database structure in favour of JSON-like documents with dynamic schemas, making the integration of data in certain types of applications easier and faster. MongoDB is developed by MongoDB Inc. and is free and open-source, published under a combination of the GNU Affero General Public License and the Apache License.

SOFTWARE TOOLS

CodeIgniter

CodeIgniter is an open-source software rapid development web framework, for use in building dynamic web sites with PHP.

Advantages:

Framework with a small footprint

CodeIgniter 3 has a 2MB download, including the user guide.

Clear documentation

The CodeIgniter User Guide comes with the download. It contains an introduction, tutorial, a number of "how to" guides, and then reference documentation for the components that make up the framework.

Compatibility with standard hosting

CodeIgniter 3 only needs PHP 5.2.4, and plays nicely with almost all shared or dedicated hosting platforms. Many webapps need a database, and CodeIgniter supports the most common, including MySQL.

No restrictive coding rules

Use your own coding and naming conventions, with only a few caveats that deal with classname conflicts. CodeIgniter looks to empower you, not shackle you.

Eclipse

Eclipse is an integrated development environment (IDE) used in computer programming, and is the most widely used Java IDE. It contains a base workspace and an extensible plug-in system for customizing the environment.

Eclipse is written mostly in Java and its primary use is for developing Java applications, but it may also be used to develop applications in other programming languages through the use of plugins, including: Ada, ABAP, C, C++, COBOL, D, Fortran, Haskell, JavaScript,

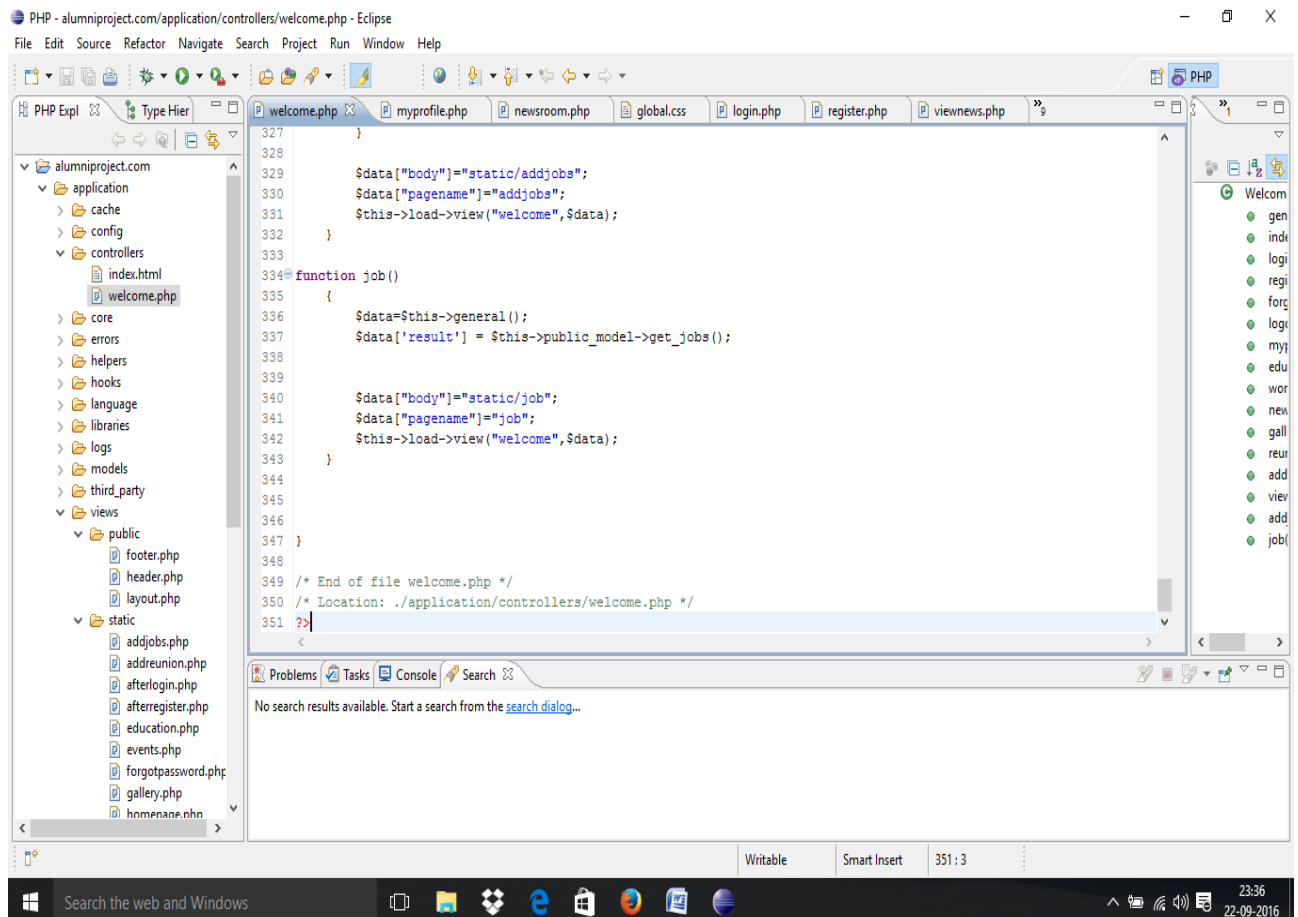
Julia, Lasso, Lua, NATURAL, Perl, PHP, Prolog, Python, R, Ruby Rust, Scala, Clojure, Groovy, Scheme, and Erlang.

The initial codebase originated from IBM VisualAge. The Eclipse software development kit (SDK), which includes the Java development tools, is meant for Java developers. Users can extend its abilities by installing plug-ins written for the Eclipse Platform, such as development toolkits for other programming languages, and can write and contribute their own plug-in modules.

PROJECT

IMPLEMENTATION

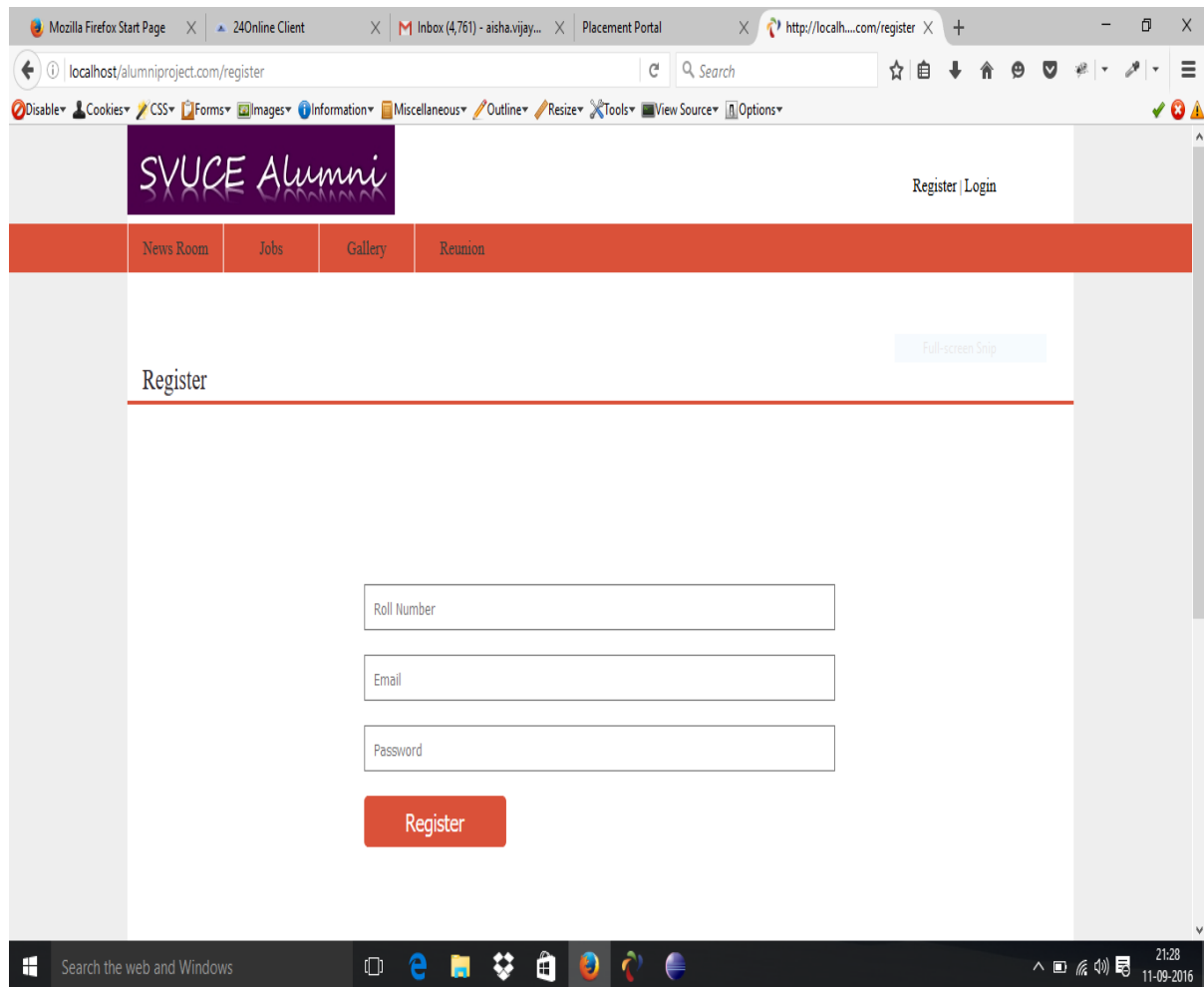
Eclipse



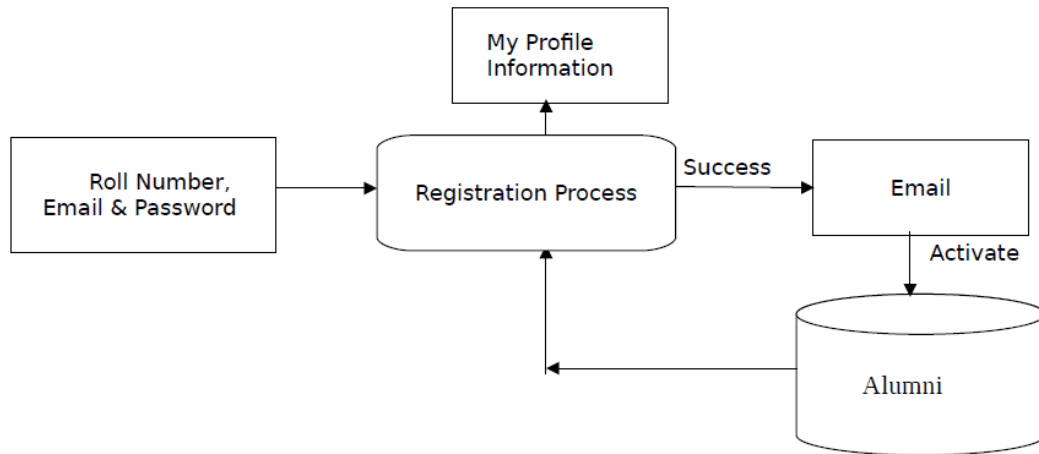
This is how eclipse looks like. Initially, the codeigniter files are added to the project created. Then these files are used for further development of the project.

Web pages

Registration Form



The above screenshot is the registration page. It includes three textboxes – roll number, email id and password. Here the user can create an account. Validations are checked here at all the three textboxes. If it satisfies the validation rules then the user will successfully create an account. Also, these details get stored in the database.



This is a flow diagram which shows the registration process done here. Alumni is the database used here.

Login

Register | Login

News Room Jobs Gallery Reunion

Login

Email

Password

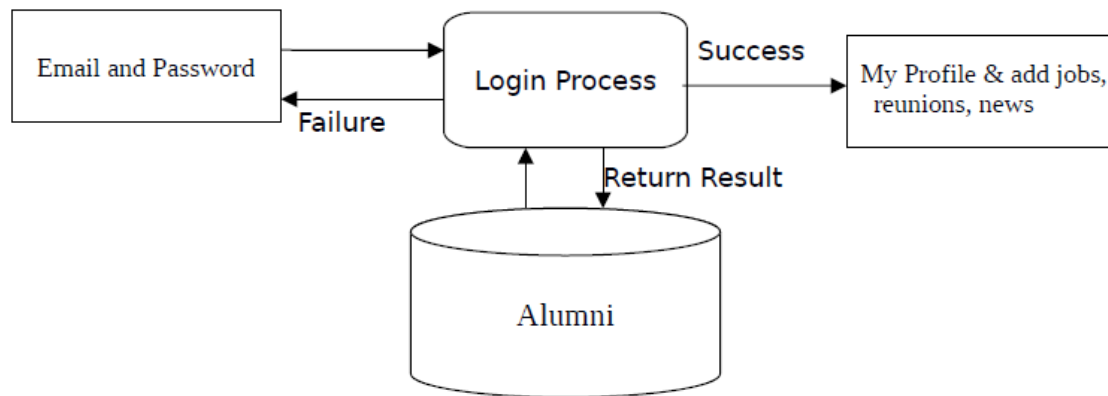
Login

[Forgot Password?](#)

Search the web and Windows

22:28
22-09-2016

Once the registration is done, a user can login using the email id and password. Here also the validation is done on the email id and password. If both of them match the necessary requirements then they successfully login. Also, the email id and password are compared with the database entries. If they do not match with any of the database entry, then login will be unsuccessful. Else, they can login successfully.



This diagram shows the working of the login page.

Sessions are used to login and logout out of a user account.

User Profile

Once the user logs in, he can update his personal and professional details in his profile. Once updated, it gets stored into the database. There are three different pages- personal details, education, work experience.

Below are the screenshots for the above mentioned pages in the respective order

Full Name:

Date Of Birth:

Gender:

Email:

Phone :

Current Address:

City:

State:

Zipcode:

Submit

This is the personal details page. Here the email id is already updated as it was provided during registration process.

Roll Number:

Year of Joining:

Year of Passing:

Main Stream :

Submit

This is the education page. When we open this page, the roll number is already updated here because it was provided while registration. Th

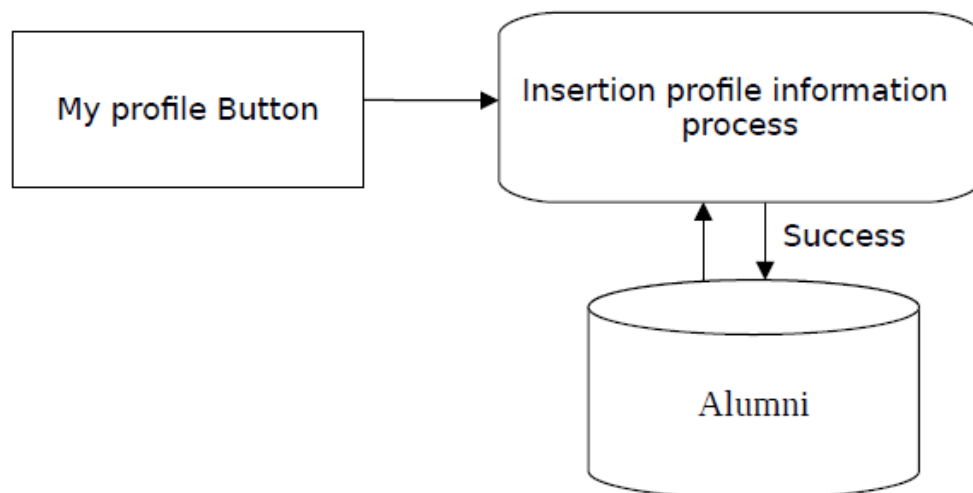
My Profile | Education | Work Experience

Work Experience:

Current Company:

Total Industrial Experience:

The flow diagram for these web pages are:



The data updated on the profile page stays there when ever a user logs in. This is done by getting the information from the database.

News page

Here the news can be updated by the users who logged in to their profiles. Only the user who created a news article can delete, edit it. The others can only read the web page.

Back

Add News

Enter details

Title:

Link:

Description:

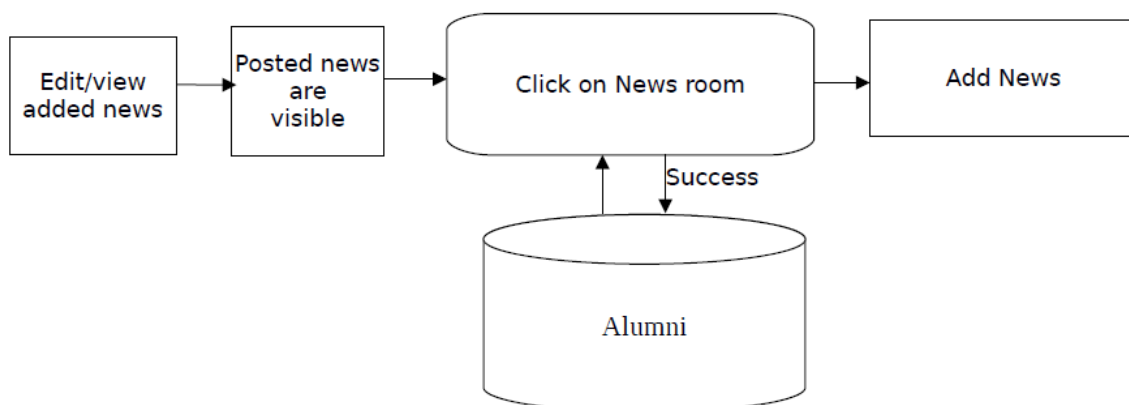
Submit

Search the web and Windows

22:57 22-09-2016

This is a form where the news articles can be written. Once submitted they are displayed in the news room page.

The flow diagram for this page:



Jobs

This is also similar to the newsroom page. Job related articles can be written and updated or deleted here.

Add Jobs

Company's Name:

Job Title:

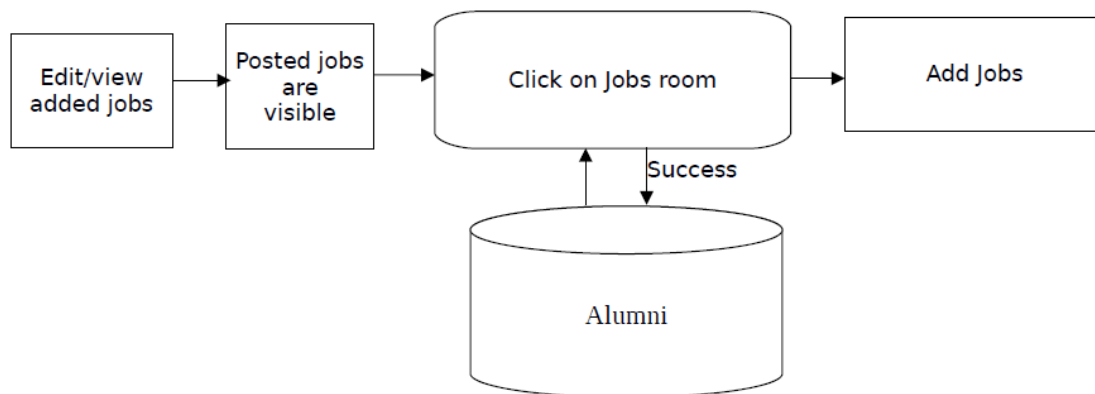
Location:

Experience:

Description:

Submit

The flow diagram for the jobs page



The flow diagram for the jobs page

Events

Add Reunions

Title:

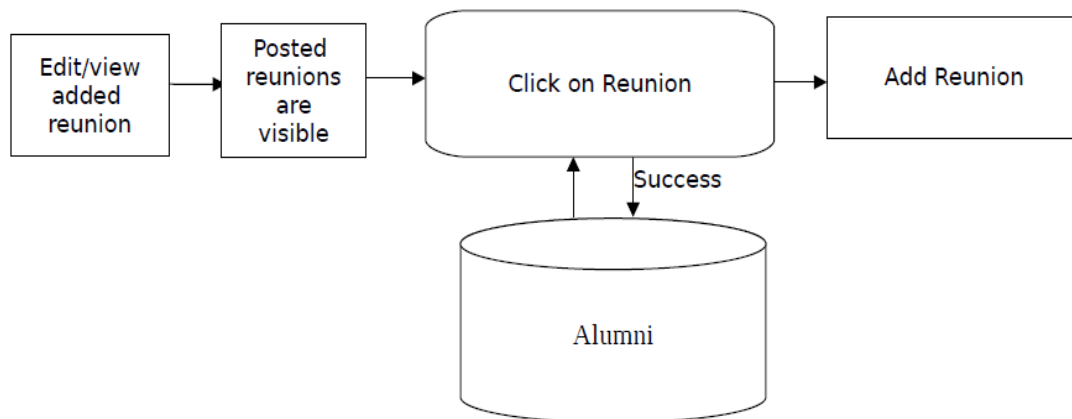
Date:

Venue:

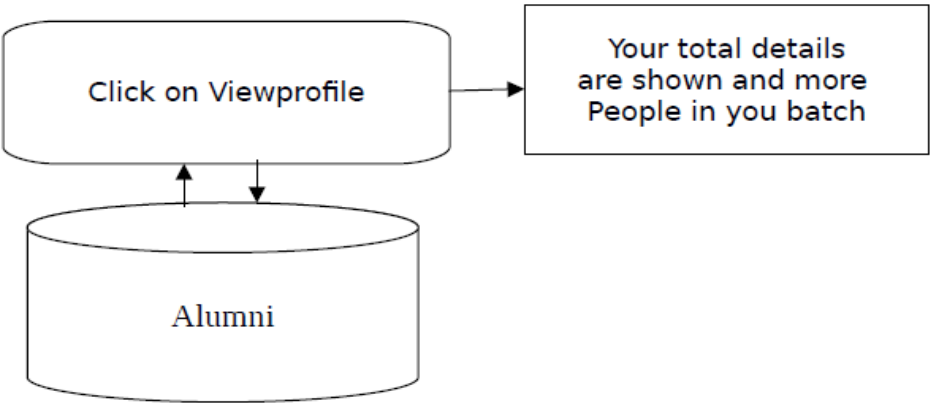
Description:

The working of this page is similar to news and jobs page.

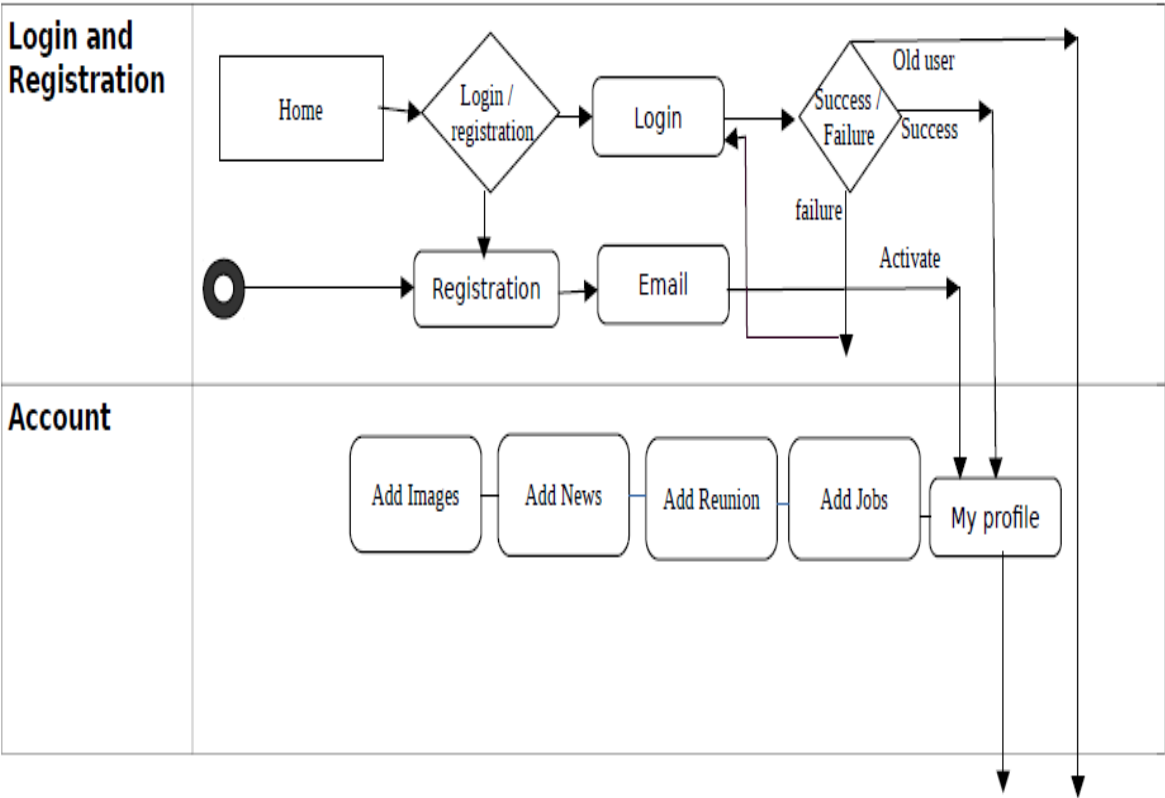
The flow diagram for the event updating page.



The overall profile can be viewed like this



The working of the website is as follows:



CODES

LOGIN AND REGISTRATION PAGES

The design of both these pages are very similar.

The html code used for login is:

```
<div class="p1">
  <div class="p11">
    Login
  </div>
</div>

<div class="gap1"></div>

<div class="logform">
  <div class="f1">
    <form action="" method="POST" onsubmit="return loginvalid();">
      <div class="mid1" id="error"></div>

      <div class="mid2">
        <input class="tb" type="text" name="email" placeholder="Email" id="email"></input>
      </div>

      <div class="g1"></div>
      <div class="mid2">
        <input type="password" class="tb" name="pswd" placeholder="Password"
id="pswd"></input>
      </div>

      <div class="g1"></div>

      <div class="mid2">
        <input type="submit" value="Login" name="login" class="sub"></input>
        <a href="forgotpassword">Forgot Password?</a>
      </div>
    </form>
  </div>
</div>
```

```
</div>
</form>
</div>
</div>
```

The validations done in this login page are displayed below using the javascript code:

```
function loginvalid()
{
    var email=document.getElementById("email");
    var pswd=document.getElementById("pswd");
    var error=document.getElementById("error");

    if(
        (checkTextEmpty(email,"Email",error))&&
            (checkTextEmpty(pswd,"Password",error))&&
            (checkPassword(pswd,error))&&
            (validateEmail(email,"Email",error))
        )
    {
        return true;
    }

    else
    {
        return false;
    }
}
```

The functions used in this are:

checkTextEmpty:

```
function checkTextEmpty(id,message,lbl)
{
    if(id.value=="")
    {
        lbl.innerHTML=message + " is required";
        id.focus();
        return false;
    }
    lbl.innerHTML="";
    return true;
}
```

checkPassword:

```
function checkPassword(id,lbl)
{
    var re = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{6,}$/;
    if(!re.test(id.value))
    {
        lbl.innerHTML="enter a valid password";
        return false;
    }
    else
        return true;
}
```

validateEmail:

```
function validateEmail(id,message,lbl)
{
    str1=id.value.charAt(0);
```



```

var emailRegEx = /^[a-zA-Z0-9_\.|-]+\@((([a-zA-Z0-9\_-]+\.)+([a-zA-Z0-9]{2,4})+)$|);

if(str1 == '.' || str1 == '_')
{
    resstr="Email id should start with alphaNumeric";
    lbl.innerHTML = resstr;
    id.value="";
    id.focus();
    return 0;
}

if(id.value.match(emailRegEx))
{
    return true;
}

else
{
    lbl.innerHTML="Invalid email address";
    id.focus();
    return false;
}
}

```

USER PROFILE

The html code for the personal details page is:

```

<div class="p1">
    &nbsp; <a href="myprofile">My Profile </a>&nbsp;
    | &nbsp;<a href="education"> Education &nbsp;</a> |
    &nbsp;<a href="workexp"> Work Experience </a>
</div>

```

```
<div class="gap3"></div>
```

```
<div class="prof">
```

```
<div class="prof2">
```

```
<form action="" method="POST" >
```

```
<div class="mid1" id="error"></div>
```

```
<div class="mid2">
```

```
<div class="tb2">Full Name:</div>
```

```
<input class="tb1" type="text" name="name" id="name" value="<?php echo  
$name;?>"></input>
```

```
</div>
```

```
<div class="g1"></div>
```

```
<div class="mid2">
```

```
<div class="tb2">Date Of Birth:</div>
```

```
<input class="tb1" type="text" name="dob" id="dob" placeholder="ddmmyyyy"  
value="<?php echo $dob;?>"></input>
```

```
</div>
```

```
<div class="g1"></div>
```

```
<div class="mid2">
```

```
<div class="tb2">Gender:</div>
```

```
<div class="tb1">
```

```
<select name="gender" id="gender">
```

```
<option value="male" <?php if($gender== "male"){?>selected<?php }?>>Male</option>
```

```
<option value="female" <?php if($gender== "female"){?>selected<?php  
>?>>Female</option>
```

```
<option value="others" <?php if($gender== "others"){?>selected<?php  
>?>>Others</option>
```

```
</div>
```

```
</select>
```

```
</div>
<div class="g1"></div>
  <div class="mid2">
    <div class="tb2">Email:</div>
    <input class="tb1" type="text" name="email" id="email" value="<?php echo
$email;?>"></input>
  </div>
<div class="g1"></div>
  <div class="mid2">
    <div class="tb2">Phone :</div>
    <input class="tb1" type="text" name="phone" id="phone" value="<?php echo
$phone;?>"></input>
  </div>
<div class="g1"></div>
  <div class="mid2">
    <div class="tb2">Current Address:</div>
    <input class="tb1" type="text" name="addr" id="addr" value="<?php echo
$addr;?>"></input>
  </div>
<div class="g1"></div>
  <div class="mid2">
    <div class="tb2">City:</div>
    <input class="tb1" type="text" name="city" id="city" value="<?php echo
$city;?>"></input>
  </div>
<div class="g1"></div>
  <div class="mid2">
    <div class="tb2">State:</div>
    <input class="tb1" type="text" name="state" id="state" value="<?php echo $state;?>">
</input>
  </div>
<div class="g1"></div>
  <div class="mid2">
    <div class="tb2">Zipcode:</div>
```

```

        <input class="tb1" type="text" name="zip" id="zip" value="<?php echo
$zip;?>"></input>
    </div>
    <div class="g1"></div>
    <div class="mid2">

        <input type="submit" type="submit" name="submit" value="Submit" id="submit"
class="sub2"></input>

    </div>
</form>
</div>
</div>
</div>

```

Newsroom, jobs, events

The code is similar for all the three pages

The Add news html code is:

```

<html>
<div class="p1">
<div class="x1">
    &nbsp; &nbsp; &nbsp; Add News
</div>
<a href="viewnews"><button>Back</button></a>
</div>

<div class="gap3"></div>

<div class="prof">
<div class="prof2">
    <form action="" method="POST" >

```

```
<div class="mid1" id="error"><?php echo $this->session->flashdata('message');
?></div>
```

```
<div class="mid2">
<div class="tb2">Title:</div>
<input class="tb1" type="text" name="title" id="title" "></input>
</div>
<div class="gl"></div>
```

```
<div class="mid2">
<div class="tb2">Link:</div>
<input class="tb1" type="text" name="link" id="link" "></input>
</div>
<div class="gl"></div>
```

```
<div class="mid2">
<div class="tb2">Description:</div>
<textarea rows="4" cols="50" id="desc" name="desc"></textarea>
</div>
<div class="gl"></div>
<div class="gl"></div>
<div class="gl"></div>
<div class="gl"></div>
<div class="mid2">
```

```
<input type="submit" type="submit" name="submit" value="Submit" id="submit"
class="sub2"></input>
```

```
</div>
```

```
</form>
```

```
</html>
```

View news html page code:

```
<html>
<div class="p1">
  <div class="x1">
    &nbsp; &nbsp; &nbsp; News
  </div>
  <a href="newsroom"><button>Add news</button></a>
</div>
<div class="cont2">

<?php
```

```
foreach($result as $data)
{?>
<div class="g1">
</div>
<div class="jobs">
  <div class="s1">
    <div class="s11">
      <?php echo "Title: "; ?>
    </div>
    <?php echo $data->title; ?>
  </div>

  <div class="s1">
    <div class="s11">
      <?php echo "Link: "; ?>
    </div>
    <?php echo $data->link; ?>
  </div>
}
```

```

<div class="s2">
  <div class="s21">
    <?php echo "Description: "; ?>
  </div>
  <?php echo $data->desc; ?>
</div>
</div>

<?php } ?>

</div>

</html>

```

The global css file used here is:

```

body{margin:0;}
a{font-size:15px;color:#3C3B37;text-decoration:none;}
select{width:101%;36px;}

.main{width:100%;height:947px;float:left;background:#EEEEEE;}
.header1{width:80%;height:77px;background:#FFFFFF;margin:auto;clear:both;}
.logo{width:29%;height:77px;float:left;
  background-image:url("../images/Logo.jpg");
  background-repeat:no-repeat;}
.middle{width:54%;height:77px;float:left;}
.right{width:12%;height:77px;float:left;}
.up{width:100%;height:37px;float:left;}
.down{width:100%;height:40px;float:left;font-size:13px;}
.header2{width:100%;height:38px;float:left;background:#DA5139;}
.container{width:80%;height:833px;margin:auto;clear:both;background:#FFFFFF;}
.gap{width:10%;height:38px;float:left;}
.box{
  width:8%;height:38px;float:left;
  color:#FAFBF9;line-height:38px;

```

```

    font-size:13px;text-align:center;
    border-left-color:#FFFFFF;
    border-left-style:solid;border-width:1px;}
.x1{width:89%;height:100px;float:left;border-bottom-color:#DA5139;border-bottom-
style:solid;border-width:3px;font-size:16px;line-height:151px;color:#2C222A;font-
size:20px;float:left;}
.p1{width:100%;height:100px;float:left;border-bottom-color:#DA5139;border-bottom-
style:solid;border-width:3px;font-size:16px;line-height:151px;color:#2C222A;font-
size:20px;float:left;}
.p11{width:10%;height:100px;float:left;line-height:167px;font-size:22px;text-align:center;}
.gap1{width:100%;height:100px;float:left;}
.gap3{width:100%;height:20px;float:left;}
.logform{width:50%;height:280px;margin:auto;clear:both;text-align:center;}
.prof{width:70%;height:550px;margin:auto;clear:both;text-align:center;}
.prof2{width:80%;height:550px;margin:auto;clear:both;text-align:center;}
.fl{width:80%;height:280px;margin:auto;clear:both}
.mid1{width:100%;height:50px;float:left;height:40px;float:left;line-height:30px;font-
size:14px;text-align:center;color:red;}
.mid2{width:100%;height:40px;float:left;}
.g1{width:100%;height:15px;float:left;}
.sub{height:40px;line-height:20px;border-radius:5px;border:6px solid #DA5139;
    font-size:14pt;color:white;background-color:#DA5139;width:134px;float:left;width:30%}
.sub2{height:40px;line-height:20px;border-radius:5px;border:6px solid #DA5139;
    font-size:14pt;color:white;background-color:#DA5139;width:134px;float:right;width:30%}
.tb{height:32px;padding-left:2%;width:97%;float:left;}
.tb1{height:32px;padding-left:2%;width:60%;float:left;}
.tb2{height:32px;padding-left:2%;width:33%;float:left;}

.cont2{height:700px;width:79%;margin:auto;background-color:#FCFCFC;}
.jobs{height:100px;width:100%;border-bottom-style:solid;border-bottom-
color:#9E9CA1;border-width:1px;margin:auto;clear:both;}
.s1{height:20px;width:100%;float:left;color:#4A4B4B;}
.s2{height:50px;width:100%;float:left;color:#4A4B4B;}
.s11{height:20px;width:16%;float:left;color:#4A4B4B;}

```



```

.s21{height:50px;width:16%;float:left;color:#4A4B4B;}

/**footer**/

.footer_main{width:100%;height:auto;background-color:#797979;}

.footer_top{width:100%;height:55px;clear:both;line-height:55px;}

.footer_bottom{width:100%;height:255px;clear:both;}

.footer_content{width:1000px;height:55px;margin:auto;clear:both;color:#E3E3E3;line-
height:55px;}

.follow_right_main{width:77%;height:55px;float:left;line-height:55px;}

.follow_left_main{width:23%;height:55px;float:left;line-height:55px;font-size:12px;text-
align:right;}

.copyright{width:15%;height:55px;line-height:55px;font-size:12px;float:left;}

.copyright1{width:10%;height:55px;line-height:55px;font-size:12px;float:left;}

.copyright2{width:15%;height:55px;line-height:55px;font-size:12px;float:left;}

.follow_right{width:100%;height:auto;float:left;}

.follow_left{width:100%;height:auto;float:left;}

.footer_menu1{height:180px;width:25%;float:left;}

.footer_main_text{clear: both;color: #fff;font-size: 16px;font-weight: bold;height: 40px;width:
100%;}

.footer_text1{clear: both;height: 25px;width: 100%;color:#fff;font-size:12px;color:#bf9ebf;}

.footer_text1 a{color: #fff;font-size: 12px;color:#bf9ebf;}

.footer_bottom_left{width:77%;height:255px;float:left;}

.footer_bottom_right{width:23%;height:255px;float:left;text-align:center;}

.footer_bottom_content{width:1000px;height:255px;margin:auto;clear:both;}

.footer_bootm_main_text{clear: both;color: #fff;font-size: 22px;font-weight: bold;height:
55px;width: 100%;}

.footer_bootm_main_text_left{width:60%;height:150px;float:left;}

.footer_bootm_main_text_right{width:40%;height:150px;float:left;}

.footer_text1 a:hover{text-decoration:underline;font-style:italic;color:#fff;}

.footer_text1 span:hover{text-decoration:underline;font-style:italic;color:#fff;}

```

DATABASE TABLES

Table 1 : User login

S.No	Field	Data type	Description
1	roll	String	
2	Email	String	
3	pswd	String	
4	userid	Primary key,Long	Auto incerement(NOT NULL)
5	name	String	
6	dob	String	
7	gender	String	
8	phone	String	
9	addr	String	
10	city	String	
11	state	String	
12	zip	String	
13	yoj	String	
14	yop	String	
15	main	String	
16	wexp	String	
17	com	String	
18	tot	String	

Table 2 : reunion

S.No	Field	Data type	Description
1	userid	Primary key,int	Auto incerement(NOT NULL)

2	reunionid	Int	
3	desc	String	
4	venue	String	
5	date	String	
6	title	String	

Table 3 : news

S.No	Field	Data type	Description
1	userid	Primary key,int	Auto incerement(NOT NULL)
2	newsid	Int	
3	desc	String	
4	link	String	
5	date	String	

Table 4 : jobs

S.No	Field	Data type	Description
1	userid	Primary key,int	Auto incerement(NOT NULL)
2	jobid	Int	
3	desc	String	
4	exp	String	
5	job	String	
6	loc	String	
7	comp	String	

CONCLUSION

This project work can also be used to implement a basic social networking website and stay connected with family and friends. There are many advantages of using mongoDB for this project such as,

- Schema less : MongoDB is document database in which one collection holds different different documents. Number of fields, content and size of the document can be differ from one document to another.
- Structure of a single object is clear
- No complex joins

Also , codeigniter usage was also very advantageous . Because,

Simple solutions over complexity

CodeIgniter encourages MVC, but does not force it on you.

Exceptional performance

CodeIgniter consistently outperforms most of its competitors.

No large-scale monolithic libraries

CodeIgniter is not trying to be all things to all people. It is a lean MVC framework, with enough capabilities to improve your productivity, while providing for third-party addons/plugins for additional functionality.

Nearly zero configuration

Much of the CodeIgniter configuration is done by convention, for instance putting models in a "models" folder. There are still a number of configuration options available, through scripts in the "config" folder.

No need for template language

CodeIgniter comes with a simple, substitution based, templating tool. Addons/plugins are available for most of the full-blown templating engines, if that is what you are used to.

REFERENCES

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https://en.wikipedia.org/wiki/Cascading_Style_Sheets