Software Requirement Specification (SRS)

1. Introduction:

This Software Requirement Specification document is created for the end sem of COMPUTER SCIENCE DEPARTMENT project work on the creation and working of the login page sample to create a user friendly module in a cost effective manner and as a design which can later be used for advanced purposes.

* 1. Purpose:

This Software Requirement Specification document contains the description of the behaviour of the Login page. It includes a set of use cases that describe the interactions that the users will have with the software. In addition to use cases, the SRS contains functional requirements, which define the internal workings of the software as well as non-functional requirements, which impose constraints on the design of the page.

* 1. Intended Audience:

This SRS document is intended for different types of users, such as developers, projects managers, students, college teachers and testers.

* 1. Intended Devices:

This login page module is prepared in such a way that it can be used on mobiles, tablets and computers.

1. Proposed features:

**LOGIN**: This button will allow the users to access the web page or the application on any computer or mobile phones.

**Register**: This button will allow the new users to store their personal information in the server database.

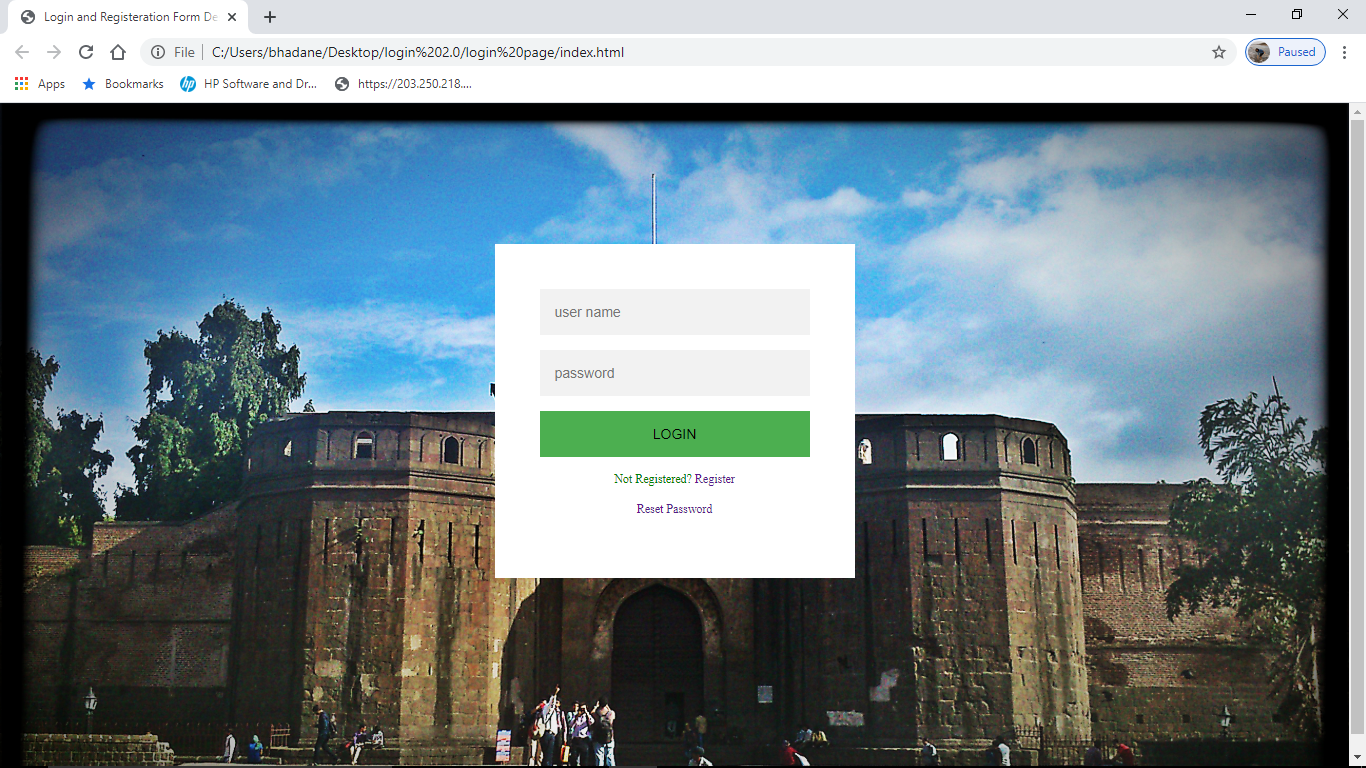
**CREATE**: This button will allow the users to create their profiles on the intended website or application.

**Reset Password:** This option will allow the users to change their old password if they have lost it and access the database through a new password.

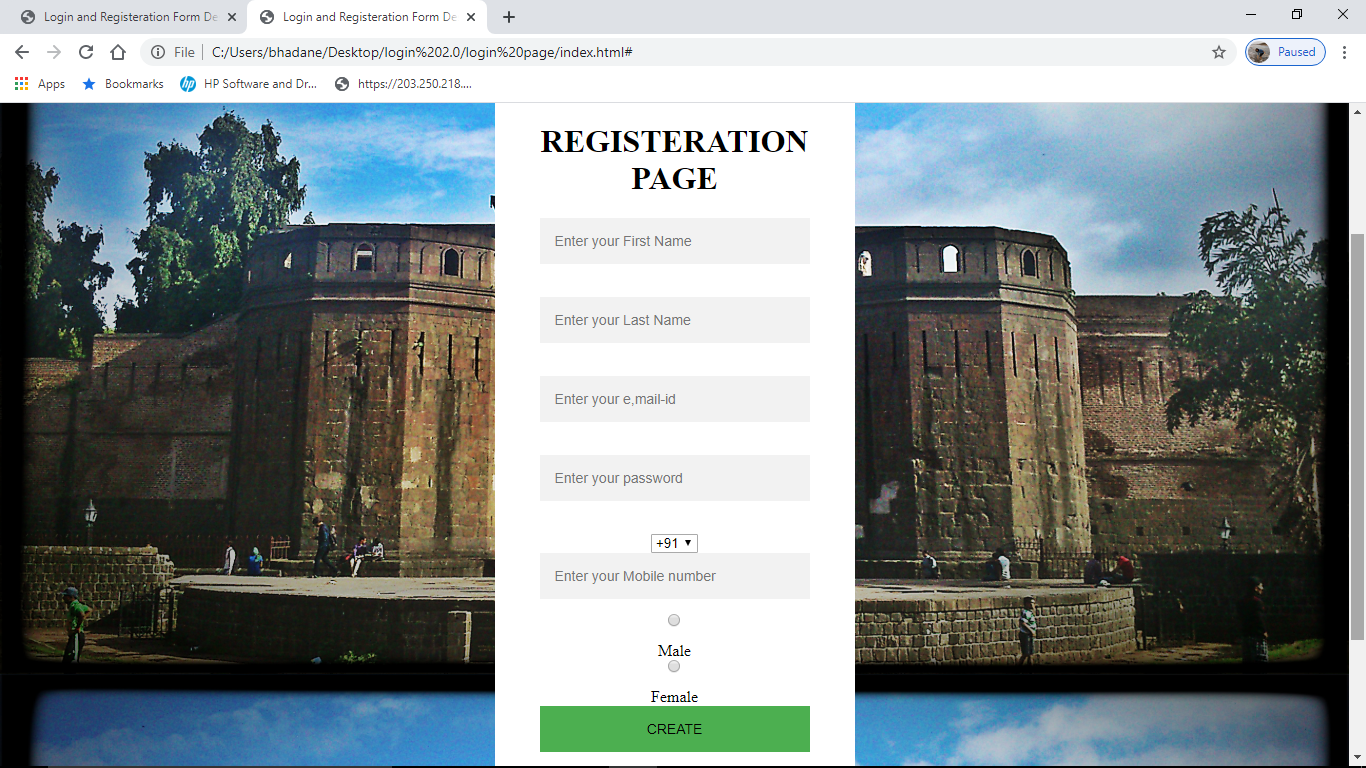
1. Operating Environment:
   1. Operating System: WINDOWS/ANDROID
   2. Tools: Notepad++
   3. Web Development Tools: CSS
2. Technology:
   1. Language: HTML and JavaScript
   2. Server: Client server
   3. Database: Client database
3. User Interface basic Win frame:

* Basic UI:

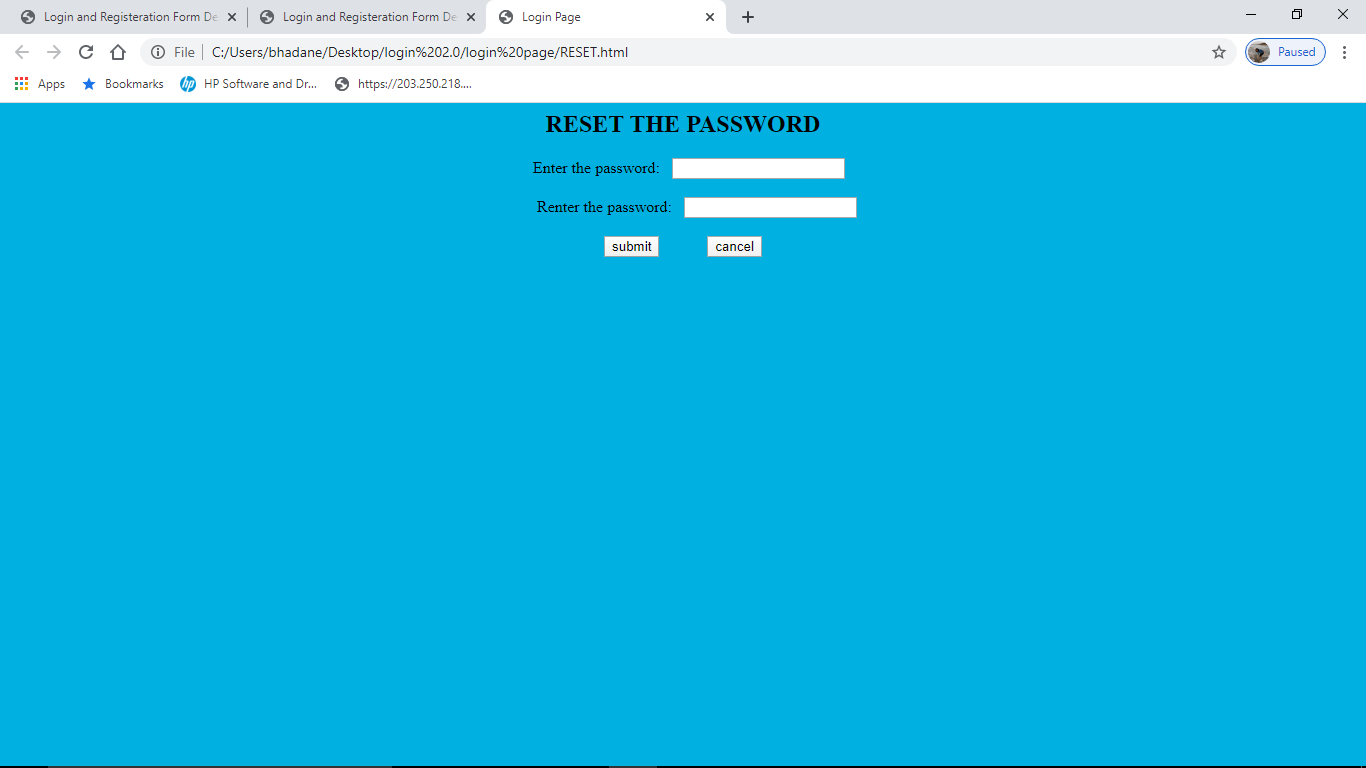
This is the main login page which has two fields.



This is the registration page which is used if the user is new to the website or application. By filling up the details and clicking on CREATE option the user’s profiles gets created.



This the last part of the module which contains a hyperlink which the user can use if in any event he/she forgets the password of the website.



1. Details:
2. Psuedocode:

Using HTML\_

<html>

<head>

<title>Login and Registeration Form Design </title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="login-page">

<div class="form">

<form class="register-form">

<h1>REGISTERATION PAGE</h1>

<input type="text" name="fname" id="button"placeholder="Enter your First Name"><br>

<br>

<input type="text" name="fname" id="button"placeholder="Enter your Last Name"><br>

<br>

<input type="text" name="email" id="button"placeholder="Enter your e,mail-id"><br>

<br>

<input type="text" name="password" id="button"placeholder="Enter your password"><br>

<br>

<select><option>+91</></select>

<input type="number" name="num" placeholder="Enter your Mobile number" id="ph">

<input type="radio" name="gender" id="but"><span>Male</span> <input type="radio" name="gender"id="but"><span>Female</span>

<button>Create</button>

<p class="message">Already Registered? <a href="#"> Login</a> </p>

</form>

<form class="login-form">

<input type="text" placeholder="user name"/>

<input type="text" placeholder="password"/>

<button>Login</button>

<p class="message">Not Registered? <a href="#">Register</a>

</p>

<p class="message"><a href="RESET.html">Reset Password</a></p>

</form>

</div>

</div>

<script src='https://code.jquery.com/jquery-3.5.0.min.js'>

</script>

<script>

$('.message a').click(function(){

$('form').animate({height: "toggle",opacity: "toggle"}, "slow");

});

</script>

</body>

</html>

<html>

<head>

<title> Login Page</title>

</head>

<body bgcolor=" sky blue" style="text-align:center;" >

<p style="text-align:center;">

<h2 align="center"> RESET THE PASSWORD</h2>

<form>

&nbsp&nbsp&nbspEnter the password:&nbsp&nbsp&nbsp<input type="password" Name= "p3" maxlength="10">

<br>

<br>

&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbspRenter the password:&nbsp&nbsp&nbsp<input type="password" Name= "p3" maxlength="10">

<br>

<br>

<input type="submit" value="submit">&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp<input type="Reset" value="cancel">

</form>

</p>

</body>

</html>

Using CSS:

body{

background-image: url(1f321e80d97005b1f59584b552fc2c97.jpg);

height: 100vh;

background-size: cover;

background-position: centre;

}

.login-page{

width: 360px;

padding: 10% 0 0;

margin: auto;

}

.form{

position: relative;

z-index: 1;

background: #ffffff;

max-width: 360px;

margin: 0 auto 100px;

padding: 45px;

text-align: center;

}

.form input{

font-family:"Roboto", sans-serif;

outline: 1;

background: #f2f2f2;

width: 100%;

border: 0;

margin: 0 0 15px;

padding: 15px;

box-sizing: border-box;

font-size: 14px;

}

.form button{

font-family: "Roboto", sans-serif;

text-transform: uppercase;

outline: 0;

background: #4CAF50;

width: 100%;

border:0;

padding: 15px;

colour: #FFFFFF;

font-size: 14px;

cursor: pointer;

}

.form button:hover,.form button:active{

background: #43A047;

}

.form .message{

margin: 15px 0 0;

color: green;

font-size: 12px;

}

.form .message a{

colour: #4CAF50;

text-decoration: none;

}

.form .register-form{

display: none;

.form input{

font-family: "Roboto", sans serif;

outline: 1;

background: #f2f2f2;

width: 100%

border: 0;

margin: 0 0 15px;

padding 15px;

box-sizing: border box;

font-size: 14px;

}

.form button{

font-family: "Roboto", sans serif;

text-transform: uppercase;

outline: 0;

background: #4CAF50;

width: 100%;

border: 0;

padding: 15px;

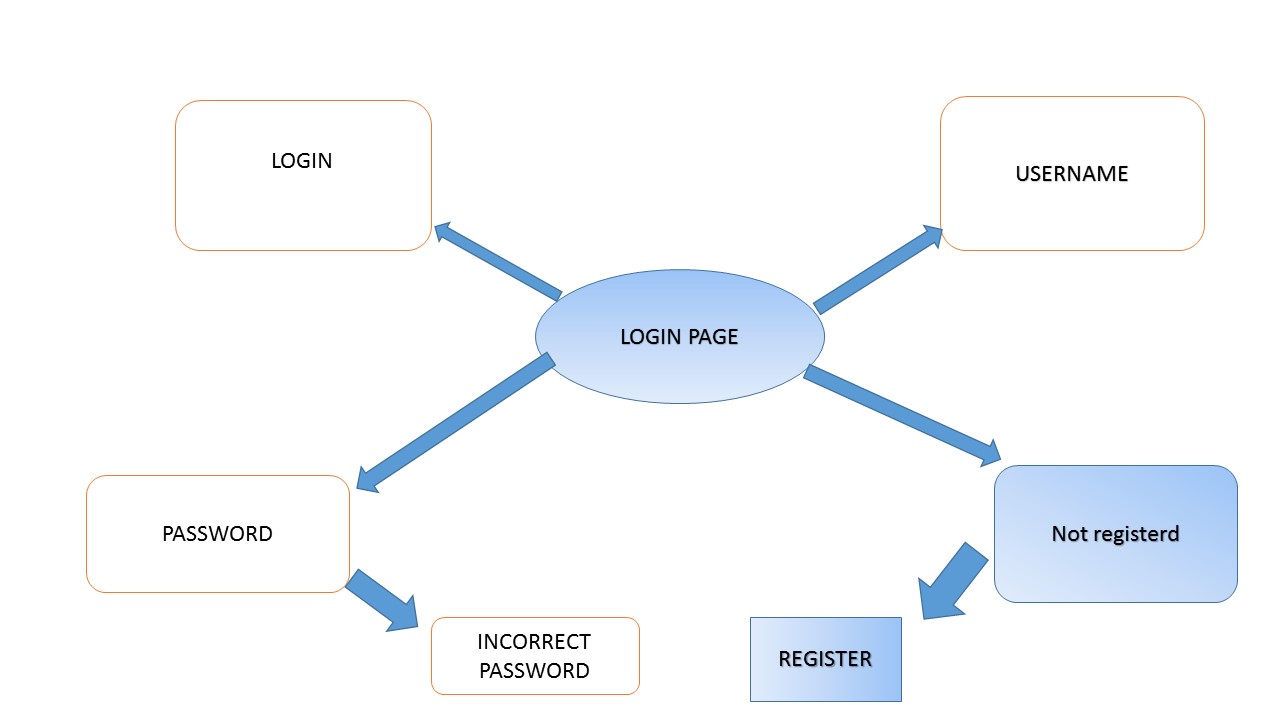
colour:#FFFFFF;

font-size: 14px;

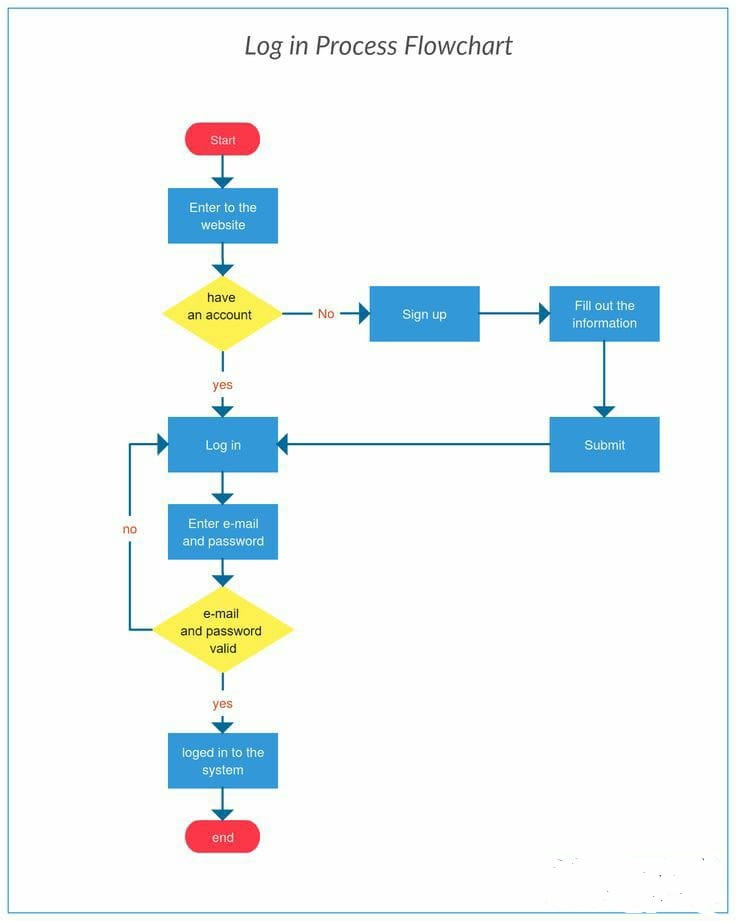
cursor: pointer;

}

1. Mind Map:



1. Flowchart:



1. Conclusion:

The Login Page is designed in a very user friendly manner. As soon as the user opens the webpage or the application the login page will appear with its login credentials. The user then simply has to fill his details such as username and password. He will simply gain access to the desired database.

In case the user is new to the webpage and hasn’t registered then he simply has to click on the Register? Option which will change its shade to let the user know it’s using hyperlink. The user will then have to fill details like username, password (new password), email id and date of birth in order to complete the registration procedure. After completely filling the required data fields the user simply has to click on the CREATE button given on the page and he is ready to access the webpage and its content.

If the user happens to forget the password then he has to click on the forgot password option which will allow him to change his password. This is how we have created a login page module through easy method which is also very easy to use and understand. After making certain alterations this module is ready to be used on a client server for monetization and security purposes.

Team Members: Roll No:

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