ITE1002 – Web Technologies

A1 – Vijayan R

DA – 1

Social Media Website – VITgram

Group:

1. Abhimanyu Singh – 18BIT0105
2. Nitin Sharma – 18BIT0145

Introduction

VITgram is a social media website with all the relevant modern features.

It contains the following parts:

- User authentication:
  Login page and Registration page.
  Logout.

- User feed:
  All the new posts are displayed in an orderly manner of upload time with the number of likes, comments and a comment and like option. Also, the picture's original creator's info like display picture and name are displayed.

- Search:
  User can search other users by their name or username.

- Upload:
  User can upload a new picture with location info.

- Recents:
  All recent post and user related activities such as likes and comments on posts along with follow information is displayed in 3 neatly distinct blocks.

- Profile:
  User display picture, name, username, about section and all posts are displayed to the user. This will be extended to search using backend with the next version to view other users' profile. Follow button is present on the profile to follow the person.

Codes

Login.html:

```html
<!doctype html>

<head>

<title>Login</title>

<style>

    html {

        background: #B3FFAB;

        /* fallback for old browsers */

        background: -webkit-linear-gradient(to right, #12FFF7,
#B3FFAB);

        /* Chrome 10-25, Safari 5.1-6 */

        background: linear-gradient(to right, #12FFF7, #B3FFAB);

        /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+,
Safari 7+ */

        font-family: 'Montserrat', sans-serif;

    }

    h1 {

        text-align: center;

    }

    .myForm {

        display: grid;

        grid-template-columns: [labels] auto [controls] 1fr;

        grid-auto-flow: row;

        grid-gap: .8em;

        background: #eee;

        padding: 1.2em;

        width: 50%;

        justify-content: center;

        align-content: center;

        align-items: center;

        margin: 0 auto;
```

```
            }

        .myForm>input,

        .myForm>button {

                grid-column: controls;

                grid-row: auto;

                border: none;

                padding: 1em;

            }

        p{

                text-align: center;

            }

</style>

</head>

<body>

<h1>Login</h1>

<form class="myForm">

        <input type="text" name="username" id="username"
placeholder="UserName">

        <input type="pass" name="pass" id="pass" placeholder="Password">

        <button>Submit</button>

</form>

<p>New User? <a href="register.html"> Register</a>

</p>

</body>

</html>
```

Register.html:

```html
<!doctype html>
<title>Register</title>
<style>
    html {
        background: #B3FFAB;
        /* fallback for old browsers */
        background: -webkit-linear-gradient(to right, #12FFF7,
#B3FFAB);
        /* Chrome 10-25, Safari 5.1-6 */
        background: linear-gradient(to right, #12FFF7, #B3FFAB);
        /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+,
Safari 7+ */
        font-family: 'Montserrat', sans-serif;
    }
    h1 {
        text-align: center;
    }
    .myForm {
        display: grid;
        grid-template-columns: [labels] auto [controls] 1fr;
        grid-auto-flow: row;
        grid-gap: .8em;
        background: #eee;
        padding: 1.2em;
        width: 50%;
        justify-content: center;
        align-content: center;
        align-items: center;
        margin: 0 auto;
    }
    .myForm>input,
    .myForm>button {
```

```
            grid-column: controls;

            grid-row: auto;

            border: none;

            padding: 1em;

        }

</style>

<h1>Register</h1>

<form class="myForm">

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

    <input type="text" name="lname" id="lname" placeholder="Enter
Last Name">

    <input type="text" name="username" id="username"
placeholder="Enter UserName">

    <input type="pass" name="pass" id="pass" placeholder="Enter
Password">

    <input type="cpass" name="cpass" id="cpass" placeholder="Confirm
Password">

    <button>Submit</button>

</form>
```

Home.html:

```
<!DOCTYPE html>

<html>

<head>

    <title>VITgram | Home</title>

    <link rel="stylesheet" type="text/css"
href="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\stylesheets\home.css">

</head>

<body>

    <div id="topbar">

        <a href="home.html" id="homebut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\home.png"></a>

        <a href="search.html" id="searchbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\search.png"></a>

        <a href="upload.html" id="uploadbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\plus.png"></a>

        <a href="recents.html" id="recentbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\heart.png"></a>

        <a href="profile.html" id="profbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\user.png"></a>

    </div>



    <div id="body">

        <br>

        <div id="post">

            <div id="info">
```

```html
                        <div id="infopic"><img class="profpic"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\ranbir.jpg"></div>
                        <div id="infoetc">
                                <div id="profile">nitinsharma</div>
                                <div id="loc">Location</div>
                        </div>
                        <div id="time">
                                <div id="uptime">1hr</div>
                        </div>
                </div>
                <div id="pic">
                        <img class="photo" src="C:\Users\Nitin
Sharma\Desktop\Webtech_Project-
master\public\images\ranbir.jpg">
                </div>
                <div id="likecomment">


                        <div id="likes">
                                <div id="likebutton"><button
id="like" onclick=""><img class="icon" src="C:\Users\Nitin
Sharma\Desktop\Webtech_Project-
master\public\images\heart2.png"></button>
                                </div>
                                <div id="nlikes">23 likes</div>
                        </div>
                        <div id="comment">
                                <ul type="none">
                                    <li>
                                        <div
id="commenter">nitinsharma</div>
                                        <div id="cominfo">Bole toh
ek number</div>
                                    </li>
```

```html
                            <li>

                                <div
id="commenter">abhimanyu</div>

                                <div id="cominfo">Sanju
baba roks</div>

                            </li>

                        </ul>

                    </div>

                    <div id="addcom">

                        <div id="writecom">

                            <input type="text"
name="combyprof" placeholder="Write a comment">

                        </div>

                    </div>

                </div>

            </div>

        </div>


</body>

</html>
```

```css
Home.css:

html{
    background: linear-gradient(to right, #12FFF7, #B3FFAB);
}


#body{
    padding: 50px;
    height: 100%;
    width: 92.75%;
    margin: 5px 5px 5px 5px;
}


#post{
    border:1px solid #ccc;
    font-family: montserrat;
    background-color: #FAFAFA;
    margin: auto;
    width: 50%;
    padding:5px;
}


#topbar{
  background-color: #FAFAFA;
  border-bottom: 0.5px solid #ccc;
  position: fixed;
  width: 100%;
  top: 0;
  left: 0;
  z-index: 1;
```

```css
	}
	#topbar a{
		display: inline-block;
		width: 20%;
		margin-left: -4px;
		text-align: center;
		padding: 0px;
		box-sizing: border-box;
	}


	#topbar a:hover{
	  background-color: #ccc;
	}
	#topbar img{
		 width: 50px;
		 height: 50px;
	}


	#info{
		border-bottom:1px solid #ccc;
		padding:2px;
	}


	#infopic{
		display: inline-block;
		padding: 5px;
		width:20px;
		height: 20px;
	}


	#infoetc{
```

```css
        position: relative;

        display: inline-block;

}


#profile{

        font-size: 12px;

}


#loc{

        font-weight: 80;

        font-size:10px;

}
#time{

        position: relative;

        display: inline-block;

        float: right;

        padding: 7px;


        font-weight: 50;

}


#info a{

        padding: 5px;

        text-align: left;

        box-sizing: border-box;

        display: inline-block;

}


#info img{

        border: 1px solid #3287a8;

        padding: 1px;
```

```css
        border-radius: 50%;

        width: 20px;

        height: 20px;

   }


#pic img{

        width: 100%;

   }


#likecomment a{

            display: inline-block;

            margin-left: -1px;

            text-align: center;

            padding: 0px;

            box-sizing: border-box;

   }
#likebutton{

                width: 18px;

                height: 18px;

                display: inline-block;

                padding: 2px;

   }


#likebutton button{

        border:none;

        background-color: #FAFAFA;

        outline: none;

   }


#likebutton img{

                width: 17px;
```

```css
            height: 17px;
    }


#nlikes{
      position: relative;
      display: inline-block;
      font-size: 12px;
      padding: 5px;
    }


#commenter{
      font-size:12px;
      display:inline-block;
    }


#cominfo{
      font-size: 10px;
      font-weight: 90;
      display:inline-block;
    }


#writecom{
      margin-left: 40px;
    }


input{
      width: 100%;
      font-family: montserrat;
      border-style: none;
      background-color: #FAFAFA;
      outline: none;
```

```
        }


Search.html:

<!DOCTYPE html>

<html>

<head>

      <title>VITgram | Search</title>

      <link rel="stylesheet" type="text/css"
href="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\stylesheets\search.css">

</head>

<body>

      <div id="topbar">

            <a href="home.html" id="homebut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\home.png"></a>

            <a href="search.html" id="searchbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\search.png"></a>

            <a href="upload.html" id="uploadbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\plus.png"></a>

            <a href="recents.html" id="recentbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\heart.png"></a>

            <a href="profile.html" id="profbut"><img class
="icon" src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\user.png"></a>

      </div>


      <div id="body">

            <div id="searchbar">

                  <input type="text" id="searchitem"
placeholder="Search a Username/Name">

            </div>
```

```html
            <div id="result">
                <ul id="searchresult" type="none">
                    <div id="rslt">
                        <li>
                            <div id="dp"><img
class="profpic" src="C:\Users\Nitin
Sharma\Desktop\Webtech_Project-
master\public\images\ranbir.jpg"></div>
                            <div
id="uname">nitinsharma</div>
                            <div id="follow"><button
id="fllw">Follow</button>
                        </li>
                    </div>
                    <br>
                    <div id="rslt">
                        <li>
                            <div id="dp"><img
class="profpic" src="C:\Users\Nitin
Sharma\Desktop\Webtech_Project-
master\public\images\ranbir.jpg"></div>
                            <div id="uname">abhimanyu</div>
                        </li>
                    </div>
            </div>
        </div>
</body>
</html>
Search.css:
html{
    background: linear-gradient(to right, #12FFF7, #B3FFAB);
}


#topbar{
```

```css
        background-color: #FAFAFA;

        border-bottom: 0.5px solid #ccc;

        position: fixed;

        width: 100%;

        top: 0;

        left: 0;

        z-index: 1;

}
#topbar a{

        display: inline-block;

        width: 20%;

        margin-left: -4px;

        text-align: center;

        padding: 0px;

        box-sizing: border-box;

}


#topbar a:hover{

        background-color: #ccc;

}
#topbar img{

            width: 50px;

            height: 50px;

}


#body{

        position: absolute;

        padding: 50px;

        height: 100%;

        width: 92.5%;

        margin-right: 0px;

}
```

```css
#searchbar{
      margin:0px auto;
      left: 0;
      padding: 10px;
      background-color: #FAFAFA;
      width: 70%;
}


input{
      margin:0px  auto;
      width: 50%;
      font-family: montserrat;
      border-style: none;
      background-color: #FAFAFA;
      outline: none;
}


#result{
      text-align: left;
      width: 50%;
      margin: auto;
      height: 100%;
      background-color: transparent;
      padding: 10px;
}


#rslt{
      background-color: #FAFAFA;
      border:1px solid #ccc;
      border-radius: 2px;
      margin:auto;
```

```css
        padding-bottom: 1px;

        width: 100%;

}


#dp{

        display: inline-block;

        padding: 5px;

        width:20px;

        height: 20px;


}


#uname{

        position: relative;

        display: inline-block;

        vertical-align: middle;

}


#follow{

        display: inline-block;

        vertical-align: middle;

}


#fllw{

        border:1px solid #ccd;

        background-color: #ccd;

        border-radius: 2px;

        font-family: montserrat;

        outline: none;

        float: right;

}
```

```css
#fllw button:hover{

    background-color: #ccc;

}


#result img{

    display: inline-block;

    border: 1px solid #3287a8;

    border-radius: 50%;

    width: 20px;

    height: 20px;

    vertical-align: middle;

}
```
Upload.html:
```html
<!DOCTYPE html>

<html lang="en">


<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Create a new post</title>

    <style>

        html {

            background: #B3FFAB;

            /* fallback for old browsers */

            background: -webkit-linear-gradient(to right, #12FFF7, #B3FFAB);

            /* Chrome 10-25, Safari 5.1-6 */

            background: linear-gradient(to right, #12FFF7, #B3FFAB);

            /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

            font-family: 'Montserrat', sans-serif;

        }
```

```css
#container {
    padding-top:20px;
     display: flex;
     flex-direction: column;
     flex-wrap: wrap;
     justify-content: center;
     align-items: center;
}
h1 {
    padding-top: 50px;
     text-align: center;
     border-bottom;: 1px solid #cccccc;
     width: 50%;
     margin-left: auto;
     margin-right: auto;
}
#submit {
     width: 100%;
     border: none;
     border-radius: 10px;
     outline: none;
     font-family: montserrat;
}
#topbar{
background-color: #FAFAFA;
border-bottom: 0.5px solid #ccc;
position: fixed;
width: 100%;
top: 0;
left: 0;
```

```css
  z-index: 1;

    }

   #topbar a{

  display: inline-block;

  width: 20%;

  margin-left: -4px;

  text-align: center;

  padding: 0px;

  box-sizing: border-box;

    }


  #topbar a:hover{

  background-color: #ccc;

  }

  #topbar img{

        width: 50px;

    height: 50px;

  }


  #post{

        font-family: montserrat;

  }




    </style>
</head>


<body>
    <div id="topbar">

        <a href="home.html" id="homebut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\home.png"></a>
```

```html
            <a href="search.html" id="searchbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\search.png"></a>

            <a href="upload.html" id="uploadbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\plus.png"></a>

            <a href="recents.html" id="recentbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\heart.png"></a>

            <a href="profile.html" id="profbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\user.png"></a>

      </div>

    <h1>Add a new post</h1>

    <hr style="color: #cccccc; width:50%;">

    <div id="container">

        <form action="/new" method="GET" enctype="multipart/form-
data">

            <input type="file" name="post" id="post">

            <br>

            <br>

            <input id="submit" type="submit" value="Upload">

        </form>

    </div>

</body>


</html>

Recents.html:

<!DOCTYPE html>

<html lang="en">


<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-
scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">
```

```html
    <title>Notifications</title>

    <link rel="stylesheet"
href="../public/stylesheets/notifstyle.css">

    <link
href="https://fonts.googleapis.com/css?family=Montserrat&display=swa
p" rel="stylesheet">

</head>


<body>

    <div id="topbar">

        <a href="home.html" id="homebut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\home.png"></a>

        <a href="search.html" id="searchbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\search.png"></a>

        <a href="upload.html" id="uploadbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\plus.png"></a>

        <a href="recents.html" id="recentbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\heart.png"></a>

        <a href="profile.html" id="profbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\user.png"></a>

    </div>

    <div id="head"><h1>Recents</h1></div>

    <div class="flex-container">

        <div id="div1">

            <h3>Follows</h3>

            <p>A followed you.</p>

            <p>B followed you.</p>

        </div>

        <div id="div1">

            <h3>Likes</h3>

            <p>A liked B's post</p>

        </div>
```

```html
        <div id="div2">

            <h3>Comments</h3>

            <p>B commmented on your post - Pog</p>

        </div>

    </div>

</body>


</html>
```
Profile.html:
```html
<!DOCTYPE html>

<html>


<head>

  <title>My Profile</title>

  <link rel="stylesheet" href="../public/stylesheets/style.css">

  <link
href="https://fonts.googleapis.com/css?family=Montserrat&display=swa
p" rel="stylesheet">

</head>


<body>

  <div id="topbar">

    <a href="home.html" id="homebut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\home.png"></a>

    <a href="search.html" id="searchbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\search.png"></a>

    <a href="upload.html" id="uploadbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\plus.png"></a>

    <a href="recents.html" id="recentbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\heart.png"></a>

    <a href="profile.html" id="profbut"><img class ="icon"
src="C:\Users\Nitin Sharma\Desktop\Webtech_Project-
master\public\images\user.png"></a>
```

```html
      </div>
    <div id="header">
      <img id="dp"
        src="dp.jpg"
        alt="Profile Picture">
      <div id="desc">
        <p>nitin.sh125 <span><button
id="follow">Follow</button></span></p>
        <h3>Nitin Sharma</h3>
        <span id="bio">
          <p>I am a cool, hot boy</p>
        </span>
      </div>
    </div>
    <br>
    <hr style="color: #cccccc;">
    <div id="timeline">
      <div class="post">
        <img src="image1.jpg">
      </div>
      <div class="post">
        <img src="image2.jpg">
      </div>
      <div class="post">
        <img src="image3.jpg">
      </div>
    </div>
  </body>

</html>
```

Style.css:

```css
html {
  background: #B3FFAB;
```

```css
  /* fallback for old browsers */

  background: -webkit-linear-gradient(to right, #12FFF7, #B3FFAB);

  /* Chrome 10-25, Safari 5.1-6 */

  background: linear-gradient(to right, #12FFF7, #B3FFAB);

  /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari
7+ */

  font-family: 'Montserrat', sans-serif;

}

#header{

  padding-top: 50px;

}


#desc{

  padding-top: 50px;

}

body {

  padding: 10px;

  width: 75%;

  margin: 0 auto;

}

#topbar{

  background-color: #FAFAFA;

  border-bottom: 0.5px solid #ccc;

  position: fixed;

  width: 100%;

  top: 0;

  left: 0;

  z-index: 1;

}

#topbar a{

    display: inline-block;

    width: 20%;

    margin-left: -4px;
```

```css
      text-align: center;

      padding: 0px;

      box-sizing: border-box;

}


#topbar a:hover{

  background-color: #ccc;

}

#topbar img{

      width: 50px;

      height: 50px;

}


#desc p{

  font-size: 30px;

  font-weight: 90;

  margin-bottom: 0px;

}


h3{

  margin-bottom: 0%;

  font-weight: normal;

  letter-spacing: 0.5px;

  word-spacing: 3.5px;

}


#follow{

  border:1px solid #ccd;

  background-color: #ccd;

  border-radius: 2px;

  font-family: montserrat;

  outline: none;
```

```css
    vertical-align: middle;

    margin-left: 15px;

}


#follow button:hover{

    background-color: #ccc;

}


#bio p{

    font-size: 12px;

    margin-top: 2px;

}


#dp {

    border: 2px solid #3287a8;

    border-radius: 50%;

    height: 200px;

    width: 200px;

}


#desc {

    position: absolute;

    width: 50%;

    top: 0px;

    left: 450px;

    margin: 0px;

}


/*

#header{

    border-bottom: 2px solid #cccccc;

} */
```

```css
#timeline {
  display: grid;
  grid-template-columns: auto auto auto;
  margin: 50px;
}


.post {
  padding: 0;
  margin: 20px;
  width: 232.67px;
  height: 232.67px;
  border: 2px solid #cccccc;
}


.post img {
  width: 232.67px;
  height: 232.67px;
}
```

Output Screenshots

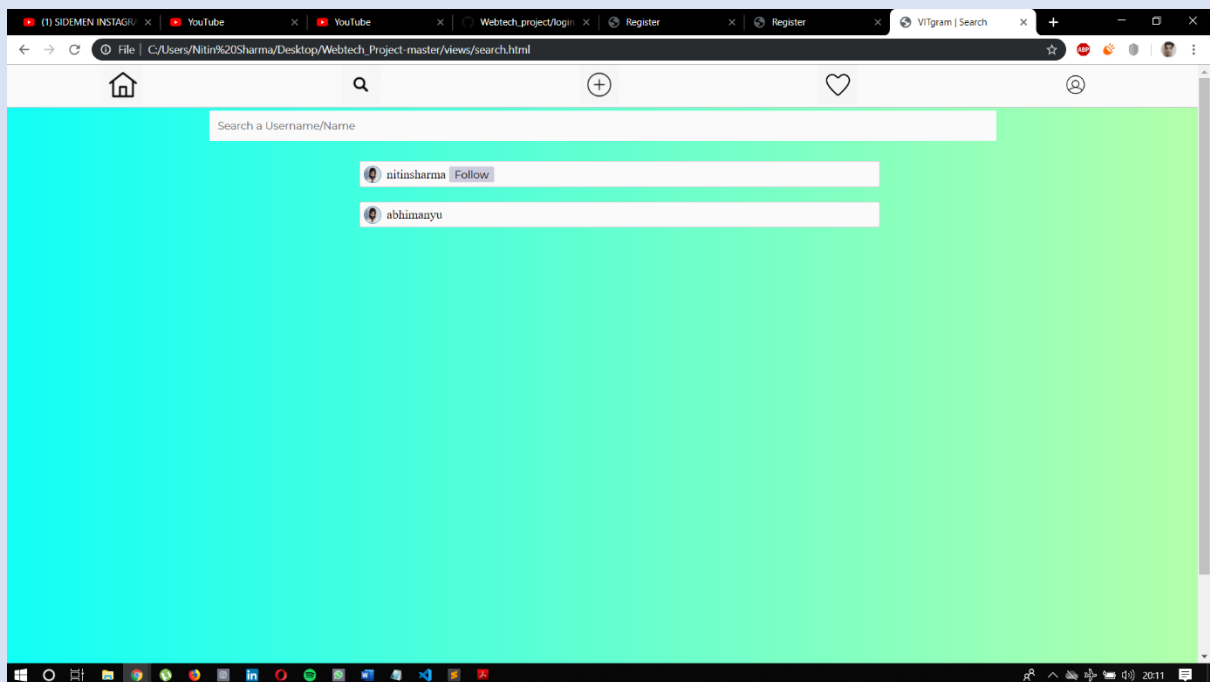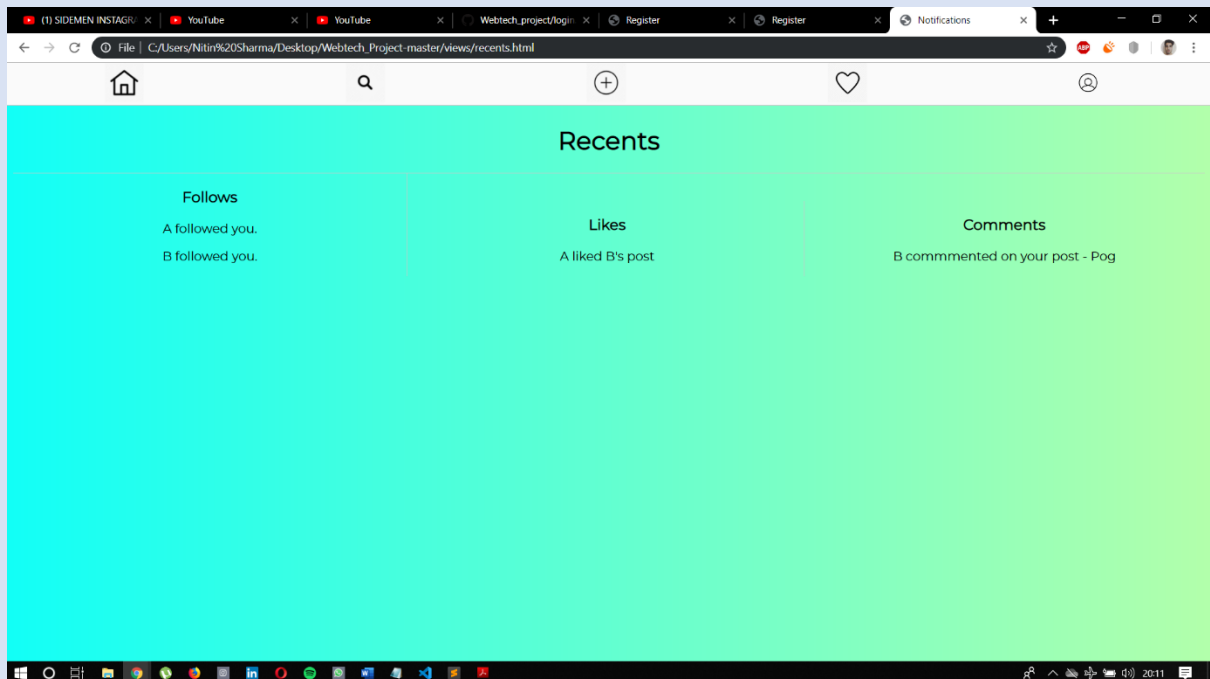## Login
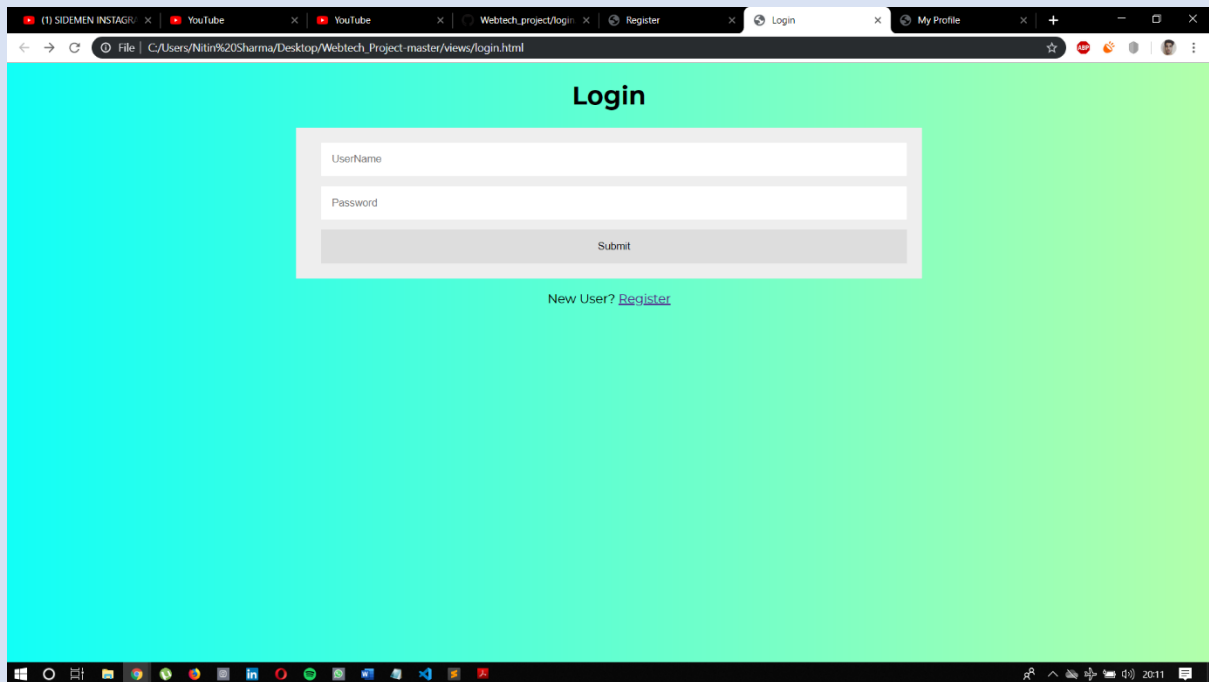
Register
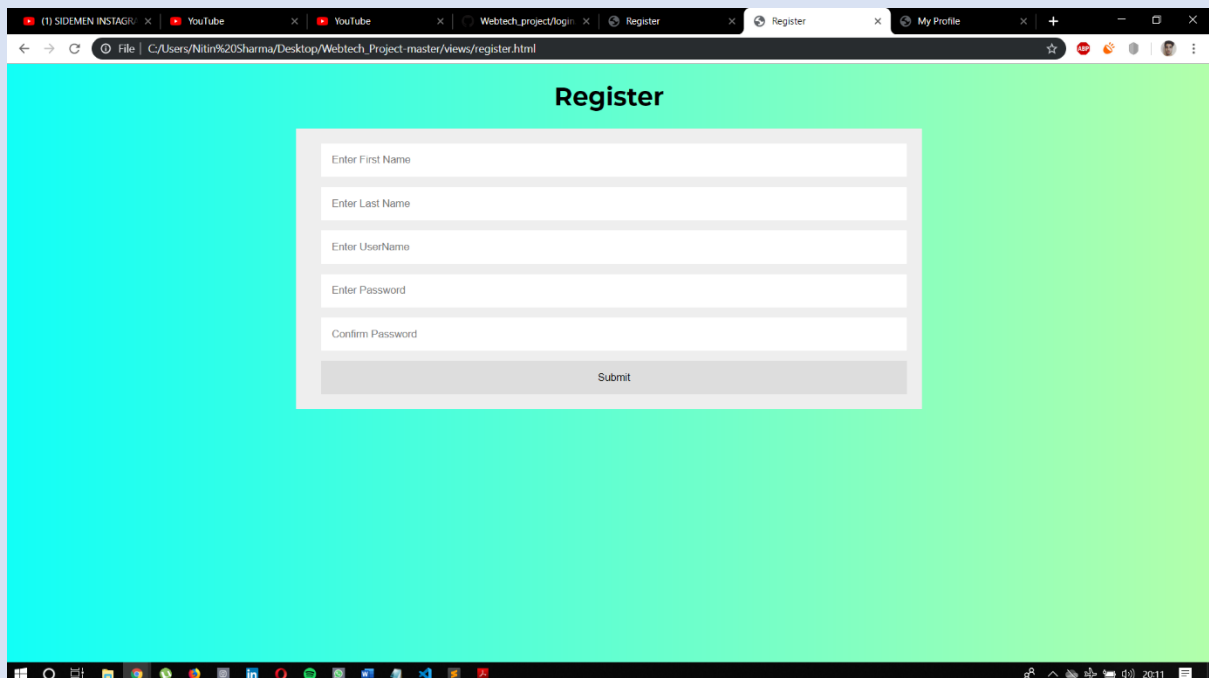
Home
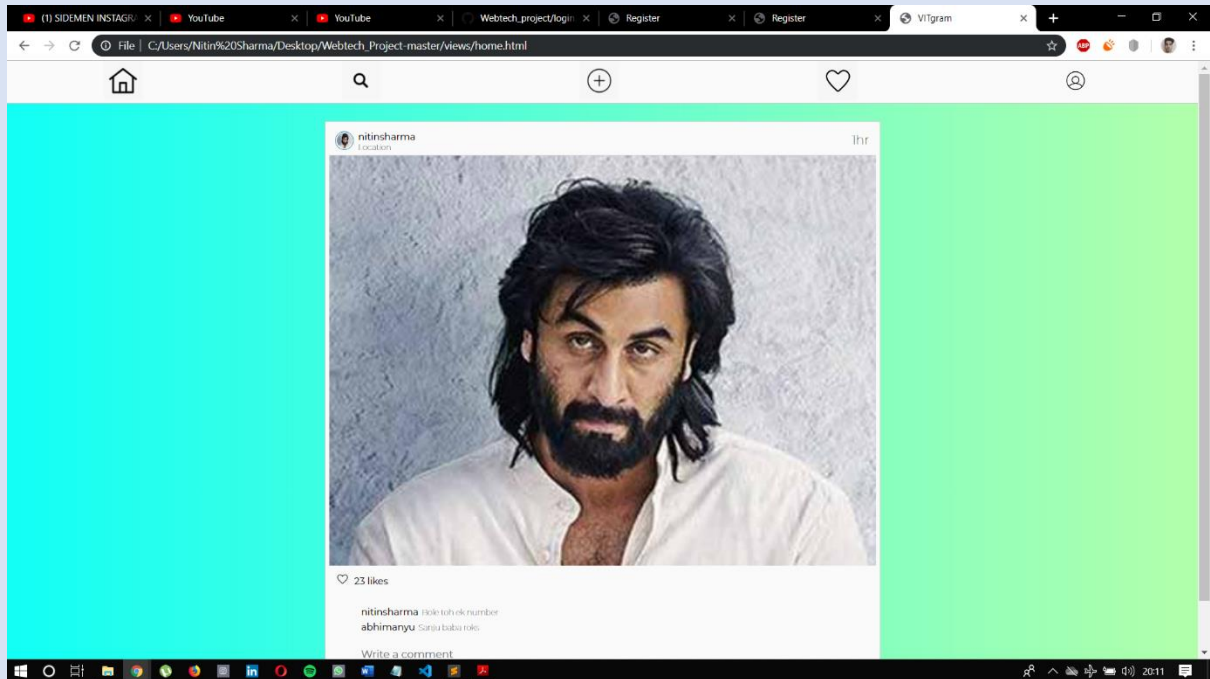
Search

Upload

Recents

Profile