



Online House rental web portal

ADVANCED OBJECT ORIENTED PROGRAMING

UNDER THE GUIDANCE

DR. FIGLU MOHANTY

Group 5

Team Members

UID	Name
2110030252	Shaik Mohammed Afeef Sayeed
2110030190	Karam Sai Vardhan Reddy
2110030109	Dommata Harshavardhan Reddy

Introduction

- ▶ To develop a house rental management system that allows the user to view customers' data as well as houses record
- ▶ To study currently available online house rental system in the market in our country

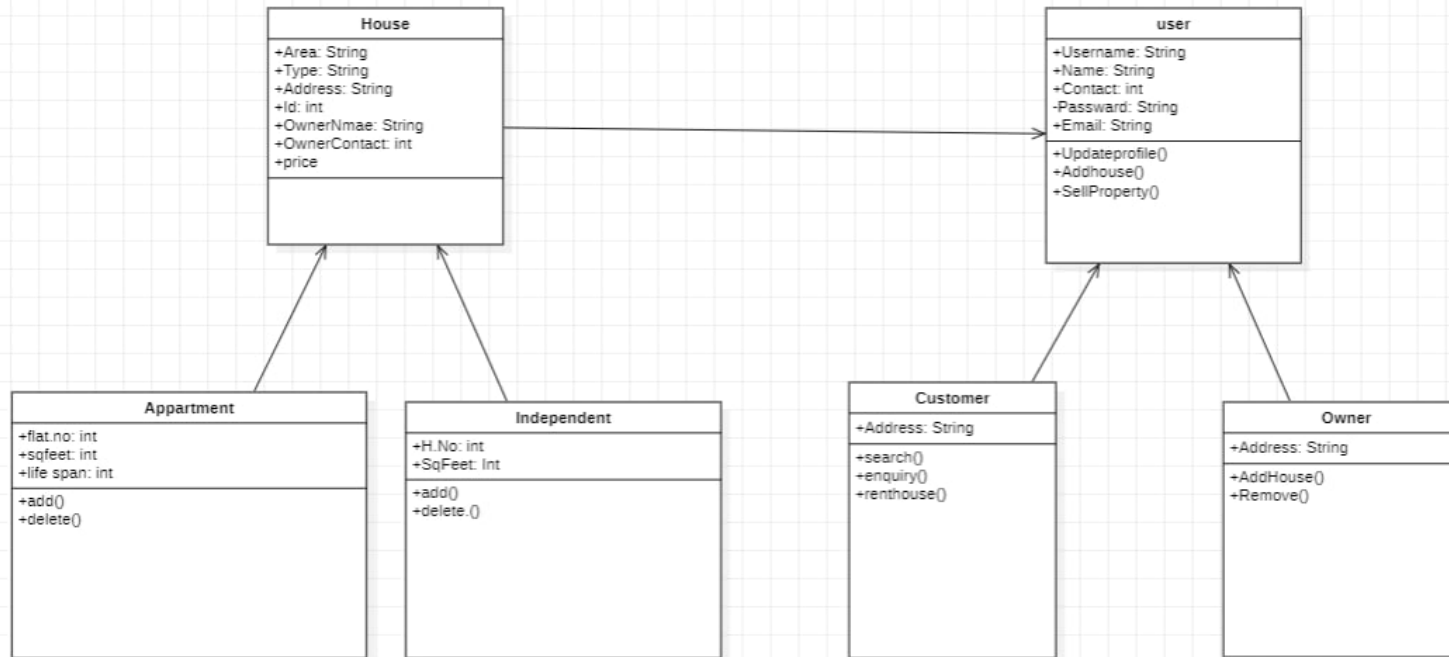
About

- ▶ Now a days city life is dependent largely on technology. Real estate or property sector is also using latest technologies.
- ▶ So it is a highly potential sector in Bangladesh specially in urban areas. Also as a student ourselves, we have to stay far away from our home for study purpose and we need houses on rent for accommodation.
- ▶ We had the first hand experience of how difficult it is to find a proper place for accommodation.

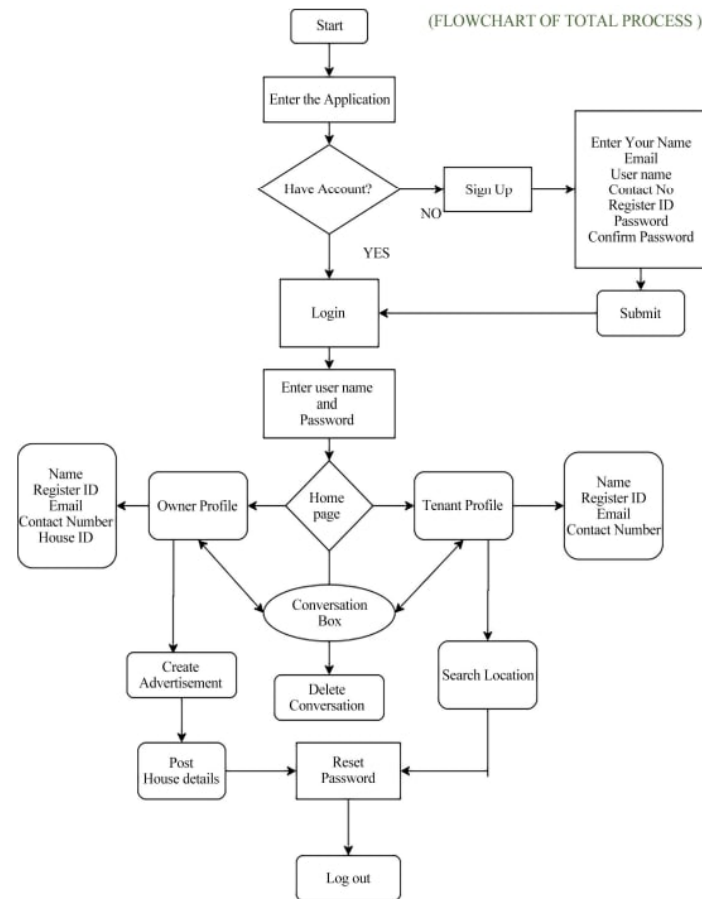
FUNCTIONAL REQUIREMENTS

- ▶ Allow administrator to add a houses, tenant and defaulters details
- ▶ Allow the administrator to delete houses, tenants and defaulters details
- ▶ Allow the administrator to search data in the database
- ▶ Allow the administrator to edit data in the database

Class Diagram

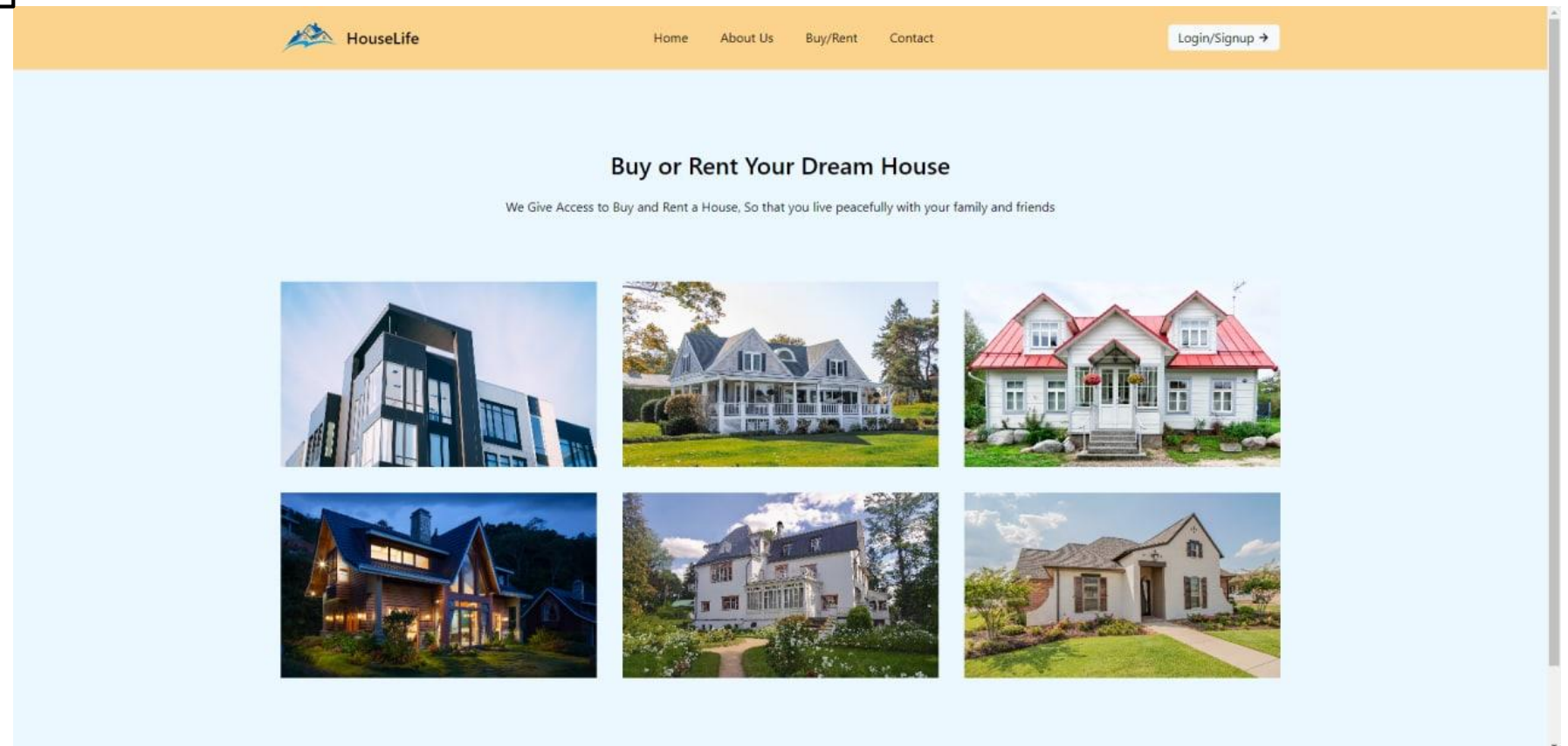


Activity Diagram

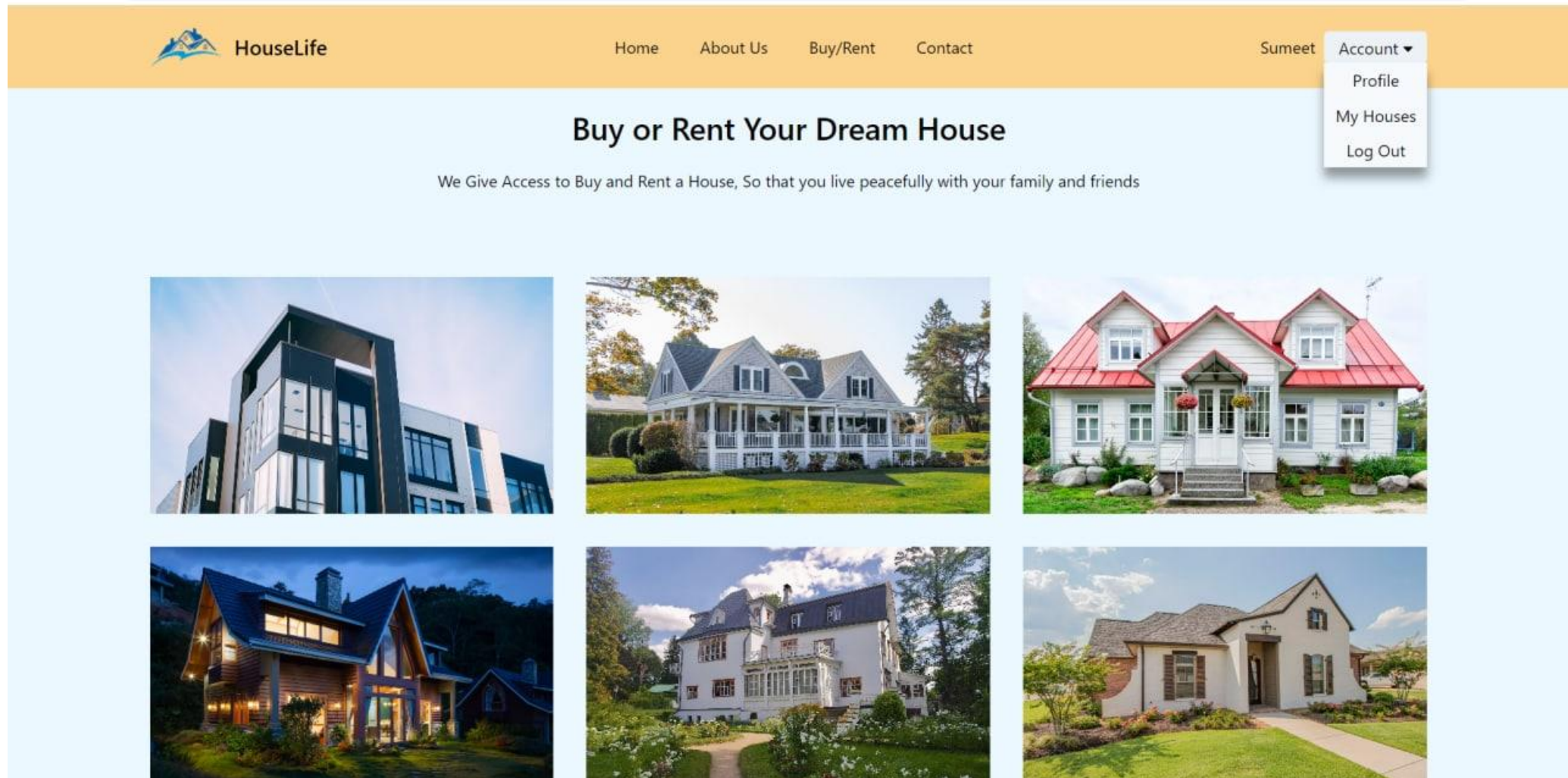


Prototype PICS

Home Page



After Logging In:



```

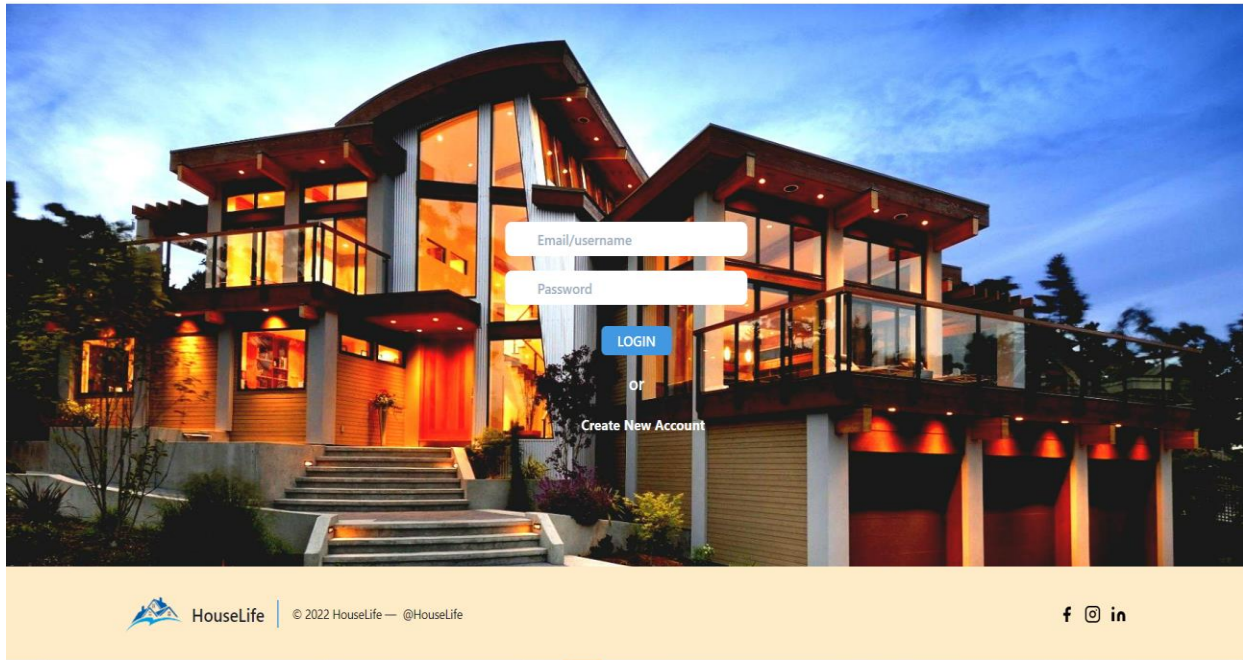
1 <?php
2 session_start();
3
4 include("Connection.php");
5 include("Function.php");
6
7 $user_data = check_login($con);
8
9 ?>
10
11 <!DOCTYPE html>
12 <html lang="en">
13
14 <head>
15 <meta charset="UTF-8">
16 <meta http-equiv="X-UA-Compatible" content="IE=edge">
17 <meta name="viewport" content="width=device-width, initial-scale=1.0">
18 <title>Home Page</title>
19 <script defer src="https://use.fontawesome.com/releases/v6.15.4/js/all.js" integrity="sha384-rOAJpzcBLq92ZLIgL87711UkXoys4HoniPtnE7fc" crossorigin="anonymous"></script>
20 </head>
21 <link rel="stylesheet" href="tailwind.min.css">
22 <style>
23 | .dropdown {
24 | display: inline-block;
25 | position: relative;
26 | width: 100px;
27 | height: 30px;
28 | text-align: center;
29 | }
30 | .dropdown-content {
31 | display: none;
32 | position: absolute;
33 | width: 100%;
34 | overflow: auto;
35 | box-shadow: 0px 10px 10px 0px rgba(0,0,0,0.4);
36 | }
37 | .dropdown:hover .dropdown-content {
38 | display: block;
39 | }
40 | .dropdown-content a {
41 | display: block;
42 | color: #000000;
43 | padding: 5px;
44 | text-decoration: none;
45 | }
46 | .dropdown-content a:hover {
47 | color: #FFFFFF;
48 | background-color: #00A48D;
49 | }
50 </style>
51 <body>
52 <header class="absolute top-0 left-0 right-0 text-black body-font bg-orange-300">
53 <div class="container mx-auto flex flex-wrap p-5 flex-col md:flex-row items-center">
54 | <a href="home.html" class="flex title-font font-medium items-center text-black md:mb-0">
55 | | 
56 | | <span class="ml-3 text-xl">Houselife</span>
57 | | </a>
58 <nav class="md:ml-auto md:mr-auto flex flex-wrap items-center text-black justify-center">
59 | <a href="" class="ml-10 hover:text-black">Home</a>

```

```

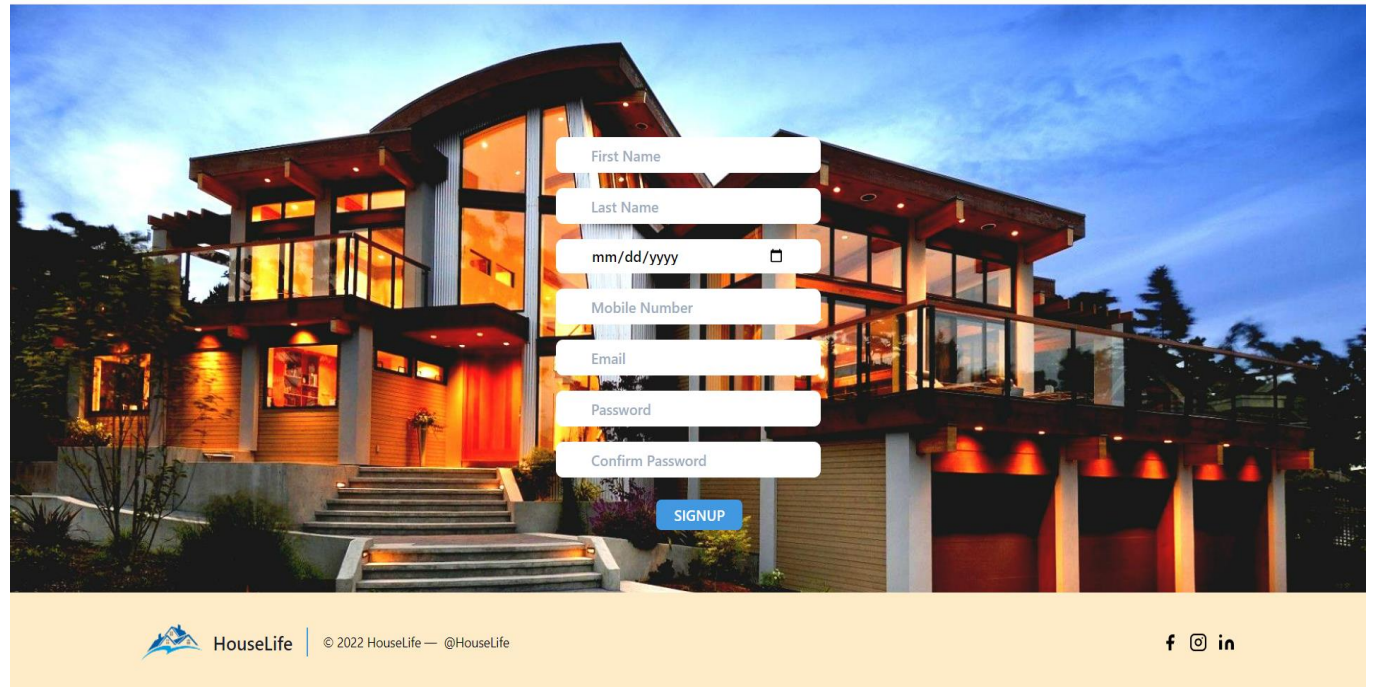
index.php
78 | <h1 class="sm:text-3xl text-2xl font-medium title-font mb-4 text-black">Buy or Rent Your Dream House</h1>
79 | <p class="lg:w-2/3 mx-auto leading-relaxed text-base">We Give Access to Buy and Rent a House, So that you live
80 | peacefully with your family and friends</p>
81 | </div>
82 | <div class="flex flex-wrap -m-4">
83 |   <div class="lg:w-1/3 sm:w-1/2 p-4">
84 |     <div class="flex relative">
85 |       
87 |       <div class="px-8 py-10 relative z-10 w-full border-4 border-gray-200 bg-white opacity-0 hover:opacity-100">
88 |         <h2 class="tracking-widest text-sm title-font font-medium text-indigo-500 mb-1">Apartment</h2>
89 |         <h1 class="title-font text-lg font-medium text-gray-900 mb-3">Imperial Residency</h1>
90 |         <p class="leading-relaxed">Around 28 Flats, Gated Community, Neat Tidy surrounding, Near LB Nagar Bustop, MGBS Bus Stop far 6km-8km</p>
91 |       </div>
92 |     </div>
93 |   </div>
94 |   <div class="lg:w-1/3 sm:w-1/2 p-4">
95 |     <div class="flex relative">
96 |       
98 |       <div class="px-8 py-10 relative z-10 w-full border-4 border-gray-200 bg-white opacity-0 hover:opacity-100">
99 |         <h2 class="tracking-widest text-sm title-font font-medium text-indigo-500 mb-1">THE SUBTITLE</h2>
100 |         <h1 class="title-font text-lg font-medium text-gray-900 mb-3">The Catalyzer</h1>
101 |         <p class="leading-relaxed">Photo booth fam kinfolk cold-pressed sriracha leggings jianbing microdosing
102 |           | tousled waistcoat.</p>
103 |       </div>
104 |     </div>
105 |   </div>
106 |   <div class="lg:w-1/3 sm:w-1/2 p-4">
107 |     <div class="flex relative">
108 |       
110 |       <div class="px-8 py-10 relative z-10 w-full border-4 border-gray-200 bg-white opacity-0 hover:opacity-100">
111 |         <h2 class="tracking-widest text-sm title-font font-medium text-indigo-500 mb-1">THE SUBTITLE</h2>
112 |         <h1 class="title-font text-lg font-medium text-gray-900 mb-3">The 400 Blows</h1>
113 |         <p class="leading-relaxed">Photo booth fam kinfolk cold-pressed sriracha leggings jianbing microdosing
114 |           | tousled waistcoat.</p>
115 |       </div>
116 |     </div>
117 |   </div>
118 |   <div class="lg:w-1/3 sm:w-1/2 p-4">
119 |     <div class="flex relative">
120 |       
122 |       <div class="px-8 py-10 relative z-10 w-full border-4 border-gray-200 bg-white opacity-0 hover:opacity-100">
123 |         <h2 class="tracking-widest text-sm title-font font-medium text-indigo-500 mb-1">THE SUBTITLE</h2>
124 |         <h1 class="title-font text-lg font-medium text-gray-900 mb-3">Neptune</h1>
125 |         <p class="leading-relaxed">Photo booth fam kinfolk cold-pressed sriracha leggings jianbing microdosing
126 |           | tousled waistcoat.</p>
127 |       </div>
128 |     </div>
129 |   </div>
130 | </div>
131 | <div class="lg:w-1/3 sm:w-1/2 p-4">
132 |   <div class="flex relative">
133 |     
135 |     <div class="px-8 py-10 relative z-10 w-full border-4 border-gray-200 bg-white opacity-0 hover:opacity-100">
136 |       <h2 class="tracking-widest text-sm title-font font-medium text-indigo-500 mb-1">THE SUBTITLE</h2>
137 |       <h1 class="title-font text-lg font-medium text-gray-900 mb-3">Holden Caulfield</h1>

```

Login Page

Signup Page



Login Page

```
Login.php
1  <?php
2
3  session_start();
4
5  include("Connection.php");
6  include("Function.php");
7
8
9  if($_SERVER['REQUEST_METHOD'] == "POST")
10 {
11     //something was posted
12     $Email = $_POST['Email'];
13     $password = $_POST['Password'];
14
15     if(!empty($Email) && !empty($password) && !is_numeric($Email))
16     {
17         //read from database
18         $query = "select * from user where Email = '$Email' limit 1";
19         $result = mysqli_query($con, $query);
20
21         if($result)
22         {
23             if($result && mysqli_num_rows($result) > 0)
24             {
25                 $user_data = mysqli_fetch_assoc($result);
26
27                 if($user_data['Password'] === $password)
28                 {
29                     $_SESSION['user_id'] = $user_data['user_id'];
30                     header("Location: index.php");
31                 }
32             }
33             else
34             {
35                 function_alert("wrong Email or password!");
36             }
37         }
38     }
39     else
40     {
41         function_alert("wrong Email or password!");
42     }
43 }
44
45 ?>
```

```
<body id="body" class="">
<div id="block">
<div class="flex justify-center border-rose-500">
<div class="h-[90%] w-full md:w-3/4 m-4">
<div class="flex flex-col justify-center items-center mt-10 md:mt-4 space-y-6 md:space-y-8">
<form method="post">
<div class="">
<input type="text" placeholder="Email/username" name="Email" class="bg-white rounded-lg px-10 py-2 focus:outline focus:outline-violet text-black placeholder:text-gray-500 placeholder:opacity-30 font-sans md:w-72 lg:w-[340px]" />
</div>
<div class="">
<input type="password" placeholder="Password" name="Password" class="bg-white rounded-lg px-10 py-2 focus:outline focus:outline-violet text-black placeholder:text-gray-500 placeholder:opacity-30 font-sans md:w-72 lg:w-[340px]" />
</div>
</div>
<div class="text-center mt-7">
<a href="index.php" >button id="c_n_a" class="uppercase px-5 py-2 rounded-md text-white bg-blue-500 hover:bg-violet-600 font-medium">login</a>
</div>
</form>
<div class="text-xl cursor-pointer flex flex-col justify-center items-center mt-5">
<div id="c_n_a" class="text-white font-sans">or</div>
</div>
<div class="text-center my-6 flex flex-col">
<a href="Signup.php" id="c_n_a" class="text-l font-bold text-white hover:ring-sky-500 m-1">Create New Account</a>
</div>
</div>
</div>
```

Sign up page

```
Signup.php
1 <?php
2 session_start();
3
4 include("Connection.php");
5 include("Function.php");
6
7
8 if($_SERVER['REQUEST_METHOD'] == "POST")
9 {
10     //something was posted
11     $Email = $_POST['Email'];
12     $password = $_POST['Password'];
13     $First_name=$_POST['First_name'];
14     $Last_name=$_POST['Last_name'];
15     $number=$_POST['number'];
16     $DOB=$_POST['DOB'];
17     if(!empty($Email) && !empty($password) && !is_numeric($Email))
18     {
19
20         //save to database
21         || $user_id = random_num(20);
22         $query = "insert into user (user_id, Email, First_Name, Last_Name, Mobile_Number,Password, DOB) values ('$user_id','$Email','$First_name','$Last_name','$number','$password','$DOB')";
23
24         mysqli_query($con, $query);
25
26         header("Location: login.php");
27         die;
28     }else
29     {
30         || || function_alert("Enter Valid Information !!");
31     }
32 }
33 ?>
```

```
<body id="body" class="">
<div id="block">
<div class="flex justify-center border-rose-500">
<div class="h-[90%] w-full md:w-3/4 m-4">
<div class="flex flex-col justify-center items-center mt-10 md:mt-4 space-y-6 md:space-y-8">
<form method="post">
<div class="">
<input type="text" placeholder="First Name" name="First_name" class="bg-white rounded-lg px-10 py-2 focus:outline-black text-black placeholder:text-gray-500 placeholder:opacity-30 font-semibold md:w-72 lg:w-[340px]">
</div><br>
<div class="">
<input type="text" placeholder="Last Name" name="Last_name" class="bg-white rounded-lg px-10 py-2 focus:outline-black text-black placeholder:text-gray-500 placeholder:opacity-30 font-semibold md:w-72 lg:w-[340px]">
</div><br>
<div class="">
<input type="date" placeholder="DOB" name="DOB" class="bg-white rounded-lg px-10 py-2 focus:outline-black text-black placeholder:text-gray-500 placeholder:opacity-30 font-semibold md:w-72 lg:w-[340px]">
</div><br>
<div class="">
<input type="text" placeholder="Mobile Number" name="number" class="bg-white rounded-lg px-10 py-2 focus:outline-black text-black placeholder:text-gray-500 placeholder:opacity-30 font-semibold md:w-72 lg:w-[340px]">
</div><br>
<div class="">
<input type="text" placeholder="Email" name="Email" class="bg-white rounded-lg px-10 py-2 focus:outline-black text-black placeholder:text-gray-500 placeholder:opacity-30 font-semibold md:w-72 lg:w-[340px]">
</div><br>
<div class="">
<input type="password" placeholder="Password" name="Password"
class="bg-white rounded-lg px-10 py-2 focus:outline-black text-black placeholder:text-gray-500 placeholder:opacity-30 font-semibold md:w-72 lg:w-[340px]">
</div><br>
<div class="">
<input type="password" placeholder="Confirm Password"
class="bg-white rounded-lg px-10 py-2 focus:outline-black text-black placeholder:text-gray-500 placeholder:opacity-30 font-semibold md:w-72 lg:w-[340px]">
</div>
</div><br>
<div class="text-center mt-7">
<a href="login.php"><button id="c_n_a" class="uppercase px-5 py-2 rounded-md text-white bg-blue-500 hover:bg-violet-600 font-medium" type="submit">Signup</button></a>
</div>
</form>
</div>
</div>
</div>
<div class="absolute inset-x-0 bottom-0 text-black body-font bg-orange-200">
```

Account page



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Account ▾

Your Profile



 Personal Info

First Name

Last Name

Email

Date of Birth

Phone number

Update

Cancel

Profile/Account Page Code

```
profile.php
1 <?php
2 session_start();
3
4 include("Connection.php");
5 include("Function.php");
6
7 $user_data = check_login($con);
8
9 ?>
10 <!DOCTYPE html>
11 <html lang="en">
12 <head>
13 <meta charset="UTF-8">
14 <title>Profile</title>
15 <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
16 <link rel="stylesheet" type="text/css" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
17 <!--link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"-->
18 <link rel="stylesheet" type="text/css" href="css/style.css">
19 <link rel="stylesheet" href="tailwind.min.css">
20 <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js" integrity="sha384-r0A1Pnsto0B1LzCLMre8@bwtTmenjzdlNlLg807z11UKLXozs40HoniDtnE7fpc" crossorigin="anonymous"></script>
21
22 </head>
23 <style>
24 @import url("https://fonts.googleapis.com/css?family=Roboto:300,400,500,700&display=swap");
25 body {
26 font-family: "Roboto", sans-serif;
27 background-repeat: no-repeat;
28 }
29
30 .shadow {
31 box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1) !important;
32 }
33
34 .profile-tab-nav {
35 min-width: 250px;
36 }
37
38 .tab-content {
39 flex: 1;
40 }
41
42 .form-group {
43 margin-bottom: 1.5rem;
44 }
45
46 .nav-pills a.nav-link {
47 padding: 15px 20px;
48 border-bottom: 1px solid #ddd;
49 border-radius: 0;
50 color: #333;
51 }
52
53 .nav-pills a.nav-link i {
54 width: 20px;
55 }
56
57 .img-circle img {
58 height: 100px;
59 width: 100px;
60 border-radius: 100%;
```

```
profile.php
61
62 <div class="dropdown">
63 <button class="inline-flex items-center bg-gray-100 border-0 py-1 px-1 focus:outline-none hover:bg-gray-200 rounded text-black mt-1 md:mt-0 dropdown">Account<i class="fas fa-solid fa-caret-down">
64 <div class="dropdown-content bg-gray-100">
65 <a href="account.html">Profile</a>
66 <a href="#">My Houses</a>
67 <a href="#">Log Out</a>
68 </div>
69 </div>
70
71 </div>
72 </header>
73 <section class="py-5 my-5">
74 <div class="container">
75 <h1 class="mb-5">Your Profile</h1>
76 <div class="bg-white shadow rounded-lg d-block d-sm-flex">
77 <div class="profile-tab-nav border-right">
78 <div class="p-4">
79 <div class="img text-center mb-3" style="width:250px;">
80 
81 </div>
82 <h4 class="text-center"></h4>
83 </div>
84 </div>
85 <div class="tab-content p-4 p-md-5 id="v-pills-tabContent">
86 <div class="tab-pane fade show active" id="account" role="tabpanel" aria-labelledby="account-tab">
87 <div class="row">
88 <div class="col-md-6">
89 <div class="form-group">
90 <label>First Name :</label>
91 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<b><?php echo $user_data["First_Name"]; ?></b>
92 </div>
93 </div>
94 <div class="col-md-6">
95 <div class="form-group">
96 <label>Last Name :</label>
97 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<b><?php echo $user_data["Last_Name"]; ?></b>
98 </div>
99 </div>
100 <div class="col-md-6">
101 <div class="form-group">
102 <label>Email :</label>
103 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<b><?php echo $user_data["Email"]; ?></b>
104 </div>
105 </div>
106 <div class="col-md-6">
107 <div class="form-group">
108 <label>Date of Birth :</label>
109 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<b><?php echo $user_data["DOB"]; ?></b>
110 </div>
111 </div>
112 <div class="col-md-6">
113 <div class="form-group">
114 <label>Phone number :</label>
115 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<b><?php echo $user_data["Mobile_Number"]; ?></b>
116 </div>
117 </div>
118 </div>
119
```

Description of Each House

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Appartment

Imperial Residency

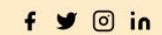
Description

Around 20 Flats, Gated Comunity, Neat Tidy surrounding, Near LB Nagar Bustop, MGBS Bus Stop far 6km-8km

Owner Name	ABC
Location	LB Nagar
No of Flats	20
Size	2BHK
Cost/Rent	3000/-

[Add](#)

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Description page

```
Description.php
1 <?php
2 session_start();
3
4 include("Connection.php");
5 include("Function.php");
6
7 $user_data = check_login($con);
8 $id= "";
9 if(isset($_GET["id"]))
10 {
11     $id=$_GET["id"];
12 }
13 $house="select * from house where Id = '$id'";
14 $query = mysqli_query($con,$house);
15 $nums =mysqli_num_rows($query);
16 }
17
18 <!DOCTYPE html>
19 <html lang="en">
20 <head>
21     <meta charset="UTF-8">
22     <meta http-equiv="X-UA-Compatible" content="IE=edge">
23     <meta name="viewport" content="width=device-width, initial-scale=1.0">
24     <title>House Details</title>
25     <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js" integrity="sha384-r0A1P1stn0BzCLMcre9ybw0Tmemjz0V011g807z11UKLXozs40Hon1DtnE7fpc" crossorigin="anonymous"></script>
26     <link rel="stylesheet" href="tailwind.min.css">
27 </head>
28 <style>
29     .dropdown {
```

```

83     </div>
84 </header>
85 <section class="text-gray-600 body-font overflow-hidden pt-10">
86 <?php
87 if($nums>0)
88 {
89     while($res=mysqli_fetch_assoc($query))
90     {
91     }
92     <div class="container px-5 py-24 mx-auto">
93         <div class="lg:w-4/5 mx-auto flex flex-wrap">
94             <div class="lg:w-1/2 w-full lg:pr-10 lg:py-6 mb-6 lg:mb-0">
95                 <h2 class="text-sm title-font text-black tracking-widest">Apartment</h2>
96                 <h1 class="text-black text-3xl title-font font-medium mb-4"><?php echo $res['name']; ?></h1>
97                 <div class="flex mb-4">
98                     <a class="flex-grow text-indigo-500 border-b-2 border-indigo-500 py-2 text-lg px-1">Description</a>
99                     <!--(a class="flex-grow border-b-2 border-gray-300 py-2 text-lg px-1">Reviews</a>
100                     <a class="flex-grow border-b-2 border-gray-300 py-2 text-lg px-1">Details</a>-->
101                 </div>
102                 <p class="leading-relaxed mb-4 text-black"><?php echo $res['Description']; ?></p>
103                 <div class="flex border-t border-black py-2">
104                     <span class="text-black">Owner Name</span>
105                     <span class="ml-auto text-black"><?php echo $res['owner_name']; ?></span>
106                 </div>
107                 <div class="flex border-t border-black py-2">
108                     <span class="text-black">Location</span>
109                     <span class="ml-auto text-black"><?php echo $res['location']; ?></span>
110                 </div>
111                 <div class="flex border-t border-black py-2">
112                     <span class="text-black">Size</span>
113                     <span class="ml-auto text-black"><?php echo $res['size']; ?></span>
114                 </div>
115                 <div class="flex border-t border-b mb-6 border-black py-2">
116                     <span class="text-black">Cost/Rent</span>
117                     <span class="ml-auto text-black"><?php echo $res['cost']; ?></span>
118                 </div>
119                 <div class="flex">
120                     <button class="flex ml-auto text-white bg-indigo-500 border-0 py-2 px-6 focus:outline-none hover:bg-indigo-600 rounded">Rent</button>
121                 </div>
122                 </div>
123                 
125         </div>
126     <?php
127     }
128 }
129 }
130 </section>
131 </div>
```

Contact Page

 HouseLife

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Login/Signup →

Contact Us

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Fugiat quis necessitatibus explicabo, odit accusamus doloribus voluptate porro labore iusto dignissimos consequuntur expedita, fuga ipsam? Cupiditate cum nesciunt labore magni ratione.

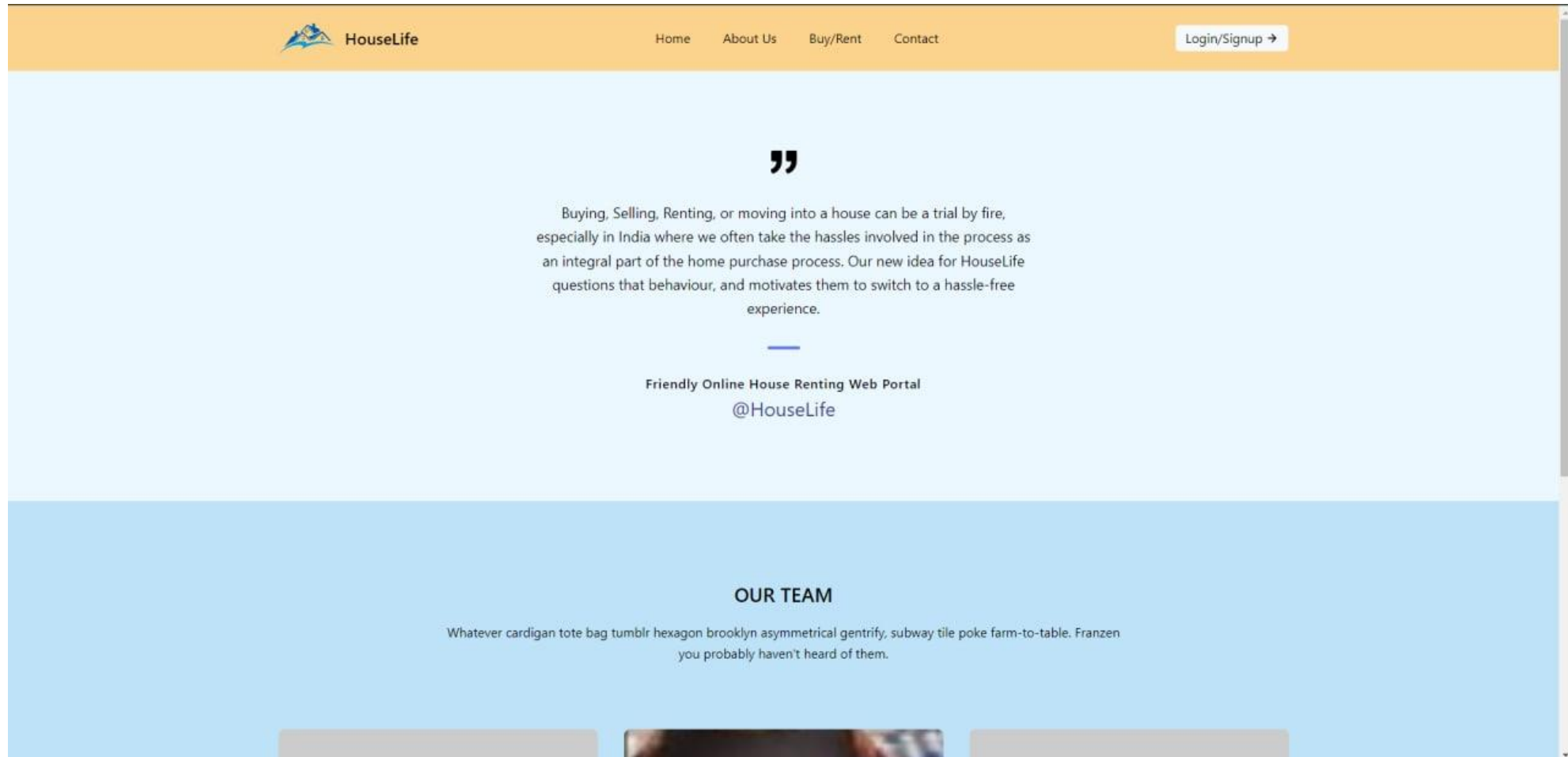
Name

Email

Message

Submit

About Page



Adding new House

```
newhouse.php
1  <?php
2  session_start();
3
4  include("Connection.php");
5  include("Function.php");
6
7  $user_data = check_login($con);
8
9  if($_SERVER['REQUEST_METHOD'] == "POST")
10 {
11     //something was posted
12     $name = $_POST['name'];
13     $description = $_POST['description'];
14     $o_name = $_POST['o_name'];
15     $location = $_POST['location'];
16     $size = $_POST['size'];
17     $price = $_POST['price'];
18
19     $image = $_FILES['image']['name'];
20     $tempname = $_FILES['image']['tmp_name'];
21     $folder = "pictures\" . $image;
22
23     if(!empty($name) && !empty($o_name))
24     {
25         //save to database
26         $query = "insert into house (name, Description, owner_name, location, size, cost, image) values ('$name', '$description', '$o_name', '$location', '$size', '$price', 'pictures/pic-6.avif')";
27
28         mysqli_query($con, $query);
29
30         header("Location: myhouse.php");
31         die;
32     }
33     {
34         function_alert("Enter Valid Information !!");
35     }
36 }
37 >
38
```

```
101 <section class="text-gray-600 body-font overflow-hidden pt-10">
102 <form action="" method="POST">
103 <div class="container px-5 py-24 mx-auto">
104 <div class="lg:w-4/5 mx-auto flex flex-wrap">
105 <div class="lg:w-1/2 w-full lg:pr-10 lg:py-6 lg:mb-0">
106 <h2 class="text-sm title-font text-black tracking-widest">Apartment</h2>
107 <h1 class="text-black text-3xl title-font font-medium mb-4"><input type="text" name="name"></h1>
108 <div class="flex mb-4">
109 <a class="flex-grow text-indigo-500 border-b-2 border-indigo-500 py-2 text-lg px-1">Description</a>
110
111 <!--<a class="flex-grow border-b-2 border-gray-300 py-2 text-lg px-1">Reviews</a>
112 <a class="flex-grow border-b-2 border-gray-300 py-2 text-lg px-1">Details</a-->
113 </div>
114 <textarea name="description" id="" cols="60" rows="3"></textarea>
115 <div class="flex border-t border-black py-2">
116 <span class="text-black">Owner Name</span>
117 <span class="ml-auto text-black"><input type="text" name="o_name"></span>
118 </div>
119
120 <div class="flex border-t border-black py-2">
121 <span class="text-black">Location</span>
122 <span class="ml-auto text-black"><input type="text" name="location"></span>
123 </div>
124 <div class="flex border-t border-black py-2">
125 <span class="text-black">Size</span>
126 <span class="ml-auto text-black"><input type="text" name="size"></span>
127 </div>
128 <div class="flex border-t border-b mb-6 border-black py-2">
129 <span class="text-black">Cost/Rent</span>
130 <span class="ml-auto text-black"><input type="number" name="price"></span>
131 </div>
132 <div class="lg:w-1/2 w-full lg:h-auto h-64 object-cover object-center rounded">
133 <input type="file" name="image" accept=".avif, .jpg">
134 </div>
135 <div class="flex">
136 <button class="flex ml-auto text-white bg-indigo-500 border-0 py-2 px-6 focus:outline-none hover:bg-indigo-600 rounded" type="submit" value="upload">Add</button>
137 </div>
138 </div>
139 </div>
```

Buy/Rent page

```
Shop.php
1 {?php
2 session_start();
3
4 include("Connection.php");
5 include("Function.php");
6
7 $user_data = check_login($con);
8
9 $house="select * from house";
10 $query = mysqli_query($con,$house);
11 $nums=mysqli_num_rows($query);
12
13 ?}
14
15 <!DOCTYPE html>
16 <html lang="en">
17 <head>
18     <meta charset="UTF-8">
19     <meta http-equiv="X-UA-Compatible" content="IE=edge">
20     <meta name="viewport" content="width=device-width, initial-scale=1.0">
21     <title>Shop</title>
22     <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js" integrity="sha384-r0AlpNstxn08LzCLMkre8y6w6Tmemjzdl1Lg807z11UkLXozs40HonLDtnE7fpc" crossorigin="anonymous"></script>
23     <link rel="stylesheet" href="tailwind.min.css">
24 </head>
25 <style>
26     .dropdown {
27         display: inline-block;
28         position: relative;
29         width: 100px;
```

```
<body>
    <header class="absolute top-0 left-0 right-0 text-black body-font bg-orange-300">
        <div class="container mx-auto flex flex-wrap p-5 flex-col md:flex-row items-center">
            <a href="home.html" class="flex title-font font-medium items-center text-black mb-4 md:mb-0">
                
                <span class="ml-3 text-xl">HouseLife</span>
            </a>
            <nav class="md:ml-auto md:mr-auto flex flex-wrap items-center text-black justify-center">
                <a href="index.php" class="mx-10 hover:text-black">Home</a>
                <a href="About.html" class="mx-10 hover:text-black">About Us</a>
                <a href="" class="mx-10 hover:text-black">Buy/Rent</a>
                <a href="Contact.php" class="mx-10 hover:text-black">Contact</a>
            </nav>
            <?php echo $user_data['First_Name']; ?>&nbsp;&nbsp;&nbsp;
            <div class="dropdown">
                <button class="inline-flex items-center bg-gray-100 border-0 py-1 px-3 focus:outline-none hover:bg-gray-200 rounded text-black mt-4 md:mt-0 dropdown">Account <i class="fas fa-solid fa-caret-down"></i></button>
                <div class="dropdown-content bg-gray-100">
                    <a href="account.html">Profile</a>
                    <a href="myhouse.php">My Houses</a>
                    <a href="logout.php">Log Out</a>
                </div>
            </div>
        </div>
    </header>
    <section class="text-gray-600 body-font">
        <div class="container px-5 py-24 mx-auto">
            <div class="flex flex-wrap -m-4">
                <?php
                if($nums>0)
                {
                    while($row=mysqli_fetch_assoc($query))
                    {
                        >>
                        <div class="lg:w-1/3 md:w-1/2 p-4 w-full">
                            <a class="block relative h-48 rounded overflow-hidden">
                                
                            </a>
                            <div class="mt-4">
                                <h2 class="text-gray-900 title-font text-lg font-medium"><?php echo $row['name']></h2>
                                <p class="mt-1"><?php echo $row['cost']></p>
                                <a href="Description.php?id=<?php echo $row['Id']>"> View Details </a>
                            </div>
                        </div>
                    }
                }
            </div>
        </div>
    </section>
```

Database Schema

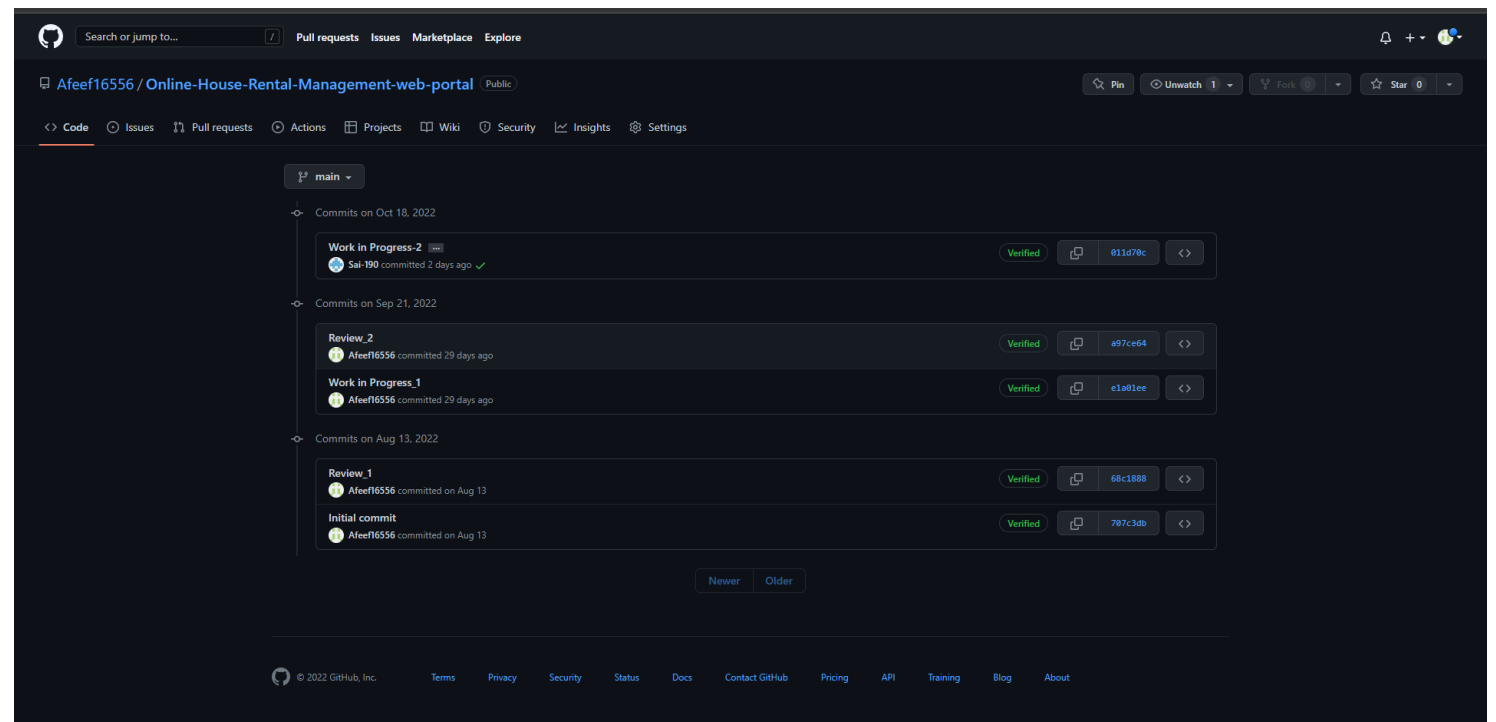
- ▶ user(user_id,first_name,last_name,email,mobile_number,password,dob)
- ▶ house(house_name,description,owner_name, location,size , price, image)
- ▶ bookings(b_id,house_id,house_name,first_name,last_name, email,address,b_date)

Tools Setup

- ▶ JAVA
- ▶ HTML
- ▶ BOOTSTRAP
- ▶ CSS
- ▶ MYSQL
- ▶ PHP-XAMMP

GitHub Setup

<https://github.com/Afeef16556/Online-House-Rental-Management-web-portal.git>



Conclusion

- ▶ Online house rental business has emerged with a new possibilities compared to the past experience where every activity concerning house rental business was limited to a physical location only.
- ▶ Even though the physical search for houses has not been totally eradicated; the nature of functions and how these functions are achieved has been reshaped by the power of internet.
- ▶ Nowadays, renters can reserve houses online once the customer is a registered member of the website.

“

Thank You

”