M.Abhilash(11610391)

GITHUB LINK:- https://github.com/Abhilashmaduri/flatsearch

Problem statement:-

To find the apartments location based on the user input. User will be able to enter the apartment type and location.

Description:-

The following program is developed using html php and sql .html and php are used together to enter the value into table and to extract the output .user entered values are stored in the sql table. From that table the values are fetched according to the user input.

TestCases:-

Test Case No:	Test Case Name	Test Steps	Test Outcome
1)	Flat type	1) select on flat	
		type	
		2) select option	Type of flat is
		from the drop	selected
		down list.	
2)	Area	2)select on area	
		type	

		2)select option from the drop down list	Type of area is selected
3)	Submit	1)click on submit button	The location details along with the full details of owner is displayed.

.....

PHP FILE

```
$servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "ab";
    $conn = new mysqli($servername, $username, $password,$dbname);
    if ($conn->connect error) {
      die("Connection failed: " . $conn->connect_error);
    }
            $q1="select distinct(flattype) from flats order by flattype desc";
      $result1=mysqli_query($conn, $q1);
    while($row1 = mysqli fetch assoc($result1))
    {
    echo "<option
value="".$row1["flattype"]."">".$row1["flattype"]."</option>";
     }
            ?>
          </select>
        <label for="area">Area</label>
          <select name="area">
            <option>select area
            <?php
```

```
$q2="select distinct(area) from flats order by area";
    $result2=mysqli_query($conn, $q2);
   while($row2 = mysqli fetch assoc($result2))
   {
   echo "<option value="".$row2["area"]."">".$row2["area"]."</option>";
   }?>
       </select>
      <input type="submit"
name="submit" value="submit">
    </form>
   <caption><strong>User Details</strong></caption>
    IdOwner NameMobile
Noth>areaflat typefull addressPrice(per
month)
   <?php
   if(isset($_POST["submit"]))
   {
    $area=$_POST["area"];
    $flat=$ POST["flat"];
```

```
$q="select * from flats where area='$area' and flattype='$flat' ";
    $result=mysqli_query($conn, $q);
     if(mysqli_num_rows($result)>0){
   while($row = mysqli_fetch_assoc($result))
   {
     echo "" . $row["id"]. "" . $row["owner name"].
"" . $row["mobile no"]. "".$row["area"]."" .
"";
   }}
    else
    {
      echo "no flats available in this combination";
    }
   }
   ?>
   </body>
</html>
```

SQL FILE

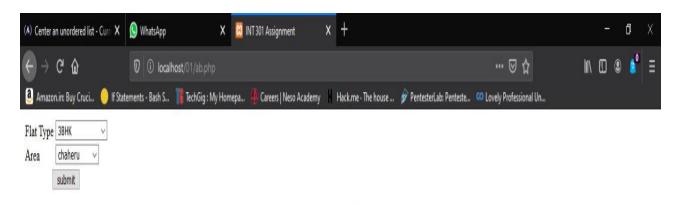
```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";
/*!40101 SET @OLD_CHARACTER_SET_CLIENT = @@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS
*/;
/*!40101 SET @OLD COLLATION CONNECTION=@@COLLATION CONNECTION
/*!40101 SET NAMES utf8mb4 */;
-- Database: `ab`
```

```
-- Table structure for table 'flats'
CREATE TABLE `flats` (
 'id' int(11) NOT NULL,
 'owner name' varchar(50) NOT NULL,
 'mobile no' bigint(20) NOT NULL,
 `flattype` varchar(50) NOT NULL,
 'full address' varchar(300) NOT NULL,
 `area` varchar(50) NOT NULL,
 `rent` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
-- Dumping data for table `flats`
INSERT INTO 'flats' ('id', 'owner name', 'mobile no', 'flattype', 'full address',
`area`, `rent`) VALUES
(1, 'abhilash', 9505123217, '3BHK', 'near mini social point, opposite to yadav food
point, law gate', 'law gate', 10000),
(2, 'gaurav bhalla', 9991009995, '2bhk', 'near arora super market, law gate', 'law
gate', 14000),
```

(3, 'gaurav bhalla', 9991009995, '1bhk', 'near arora super market, law gate', 'law gate', 7000),
(4, 'gaurav bhalla', 9991009995, '3bhk', 'near arora super market, law gate', 'law gate', 16000),
(5, 'arora', 9991009995, '3bhk', 'near arora super market, chaheru', 'chaheru', 16000),
(6, 'ram', 9955009995, '2bhk', 'near arora super market, chaheru', 'chaheru', 16000),
(7, 'raj', 8955009995, '1bhk', 'near arora super market, chaheru', 'chaheru', 6000),
(8, 'raj', 8955009995, '1bhk', 'near arora super market, deep nagar', 'deep nagar', 6000),
(9, 'raj', 8955009995, '2bhk', 'near arora super market, deep nagar', 'deep nagar', 14000),
(10, 'raj', 8955009995, '3bhk', 'near arora super market, deep nagar', 'deep nagar' 14000);
Indexes for dumped tables
Indexes for table `flats`
ALTER TABLE `flats`

```
ADD PRIMARY KEY ('id');
-- AUTO_INCREMENT for dumped tables
-- AUTO_INCREMENT for table `flats`
ALTER TABLE 'flats'
 MODIFY 'id' int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=11;
COMMIT;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

SCREENSHOTS



User Details

Id Owner Name Mobile No area flat type full address Price(per month)



9991009995 chaheru 3bhk near arora super market, chaheru 16000

5 arora





