A

PROJECT REPORT ON

PG Finder System

SUBMITTED IN

PARTIAL FULFILLMENT OF

DIPLOMA IN MOBLIE COMPUTING (PG-DMC)

BY

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UNDER THE GUIDENCE OF

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AT

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CERTIFICATE

This is to certify that the project

PG Finder System

Has been submitted by

PRADNYA PATIL

In partial fulfillment of the requirement for the Course of **PG Diploma in Mobile Computing (PG-DMC AUG 2019)** as prescribed by The **CDAC** ACTS, PUNE.

Place: Pune

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Project Guide Name
Rucha Jambhulka

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DMC Aug 2019 Batch,

ABSTRACT

Online accommodation is a web portal for providing details about the rooms available .User need to specify their requirement like gender (male, female),room type(single, double),region(North India, South India)and range(1000,2000 ,3000).The system will match the user requirement with the details in the database and after finding the match the required details is given tothe user. It will also give information about cooks and shops available inside the campus. The system will have a Admin page from which he can add details about the rooms. This will reduce the effort required by the new students and existing student in searching room and other useful things.

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1.Introduction:

1.1 Introduction

It was difficult earlier to go a place to work which was situated at long-distances. But now it has become easier to find an accommodation nearby the work place in cheap rates by using this system. Users can find a number of paying accommodation nearby work place or desired place. PG finder system is majorly used by the people coming from different cities. Various people coming for job or for studies, this system is saviour as it can save a lot off time and money,searching for a right stay. The basic aim of this system is to nullify the brokerage fees, that consumes hefty amount of budget of that person. Even user can add his/her own desired places and get the tenant easily by just uploading picture and details of the respective place. This system provides various tyes of PGs according to the person's need. This system is user friendly, even a begginer can operate this system without having any issues.

With login id and password user can get logged in. After logging in, user can post the paying guest post by adding details and pictures of the place.

2.Product Overview and Summary

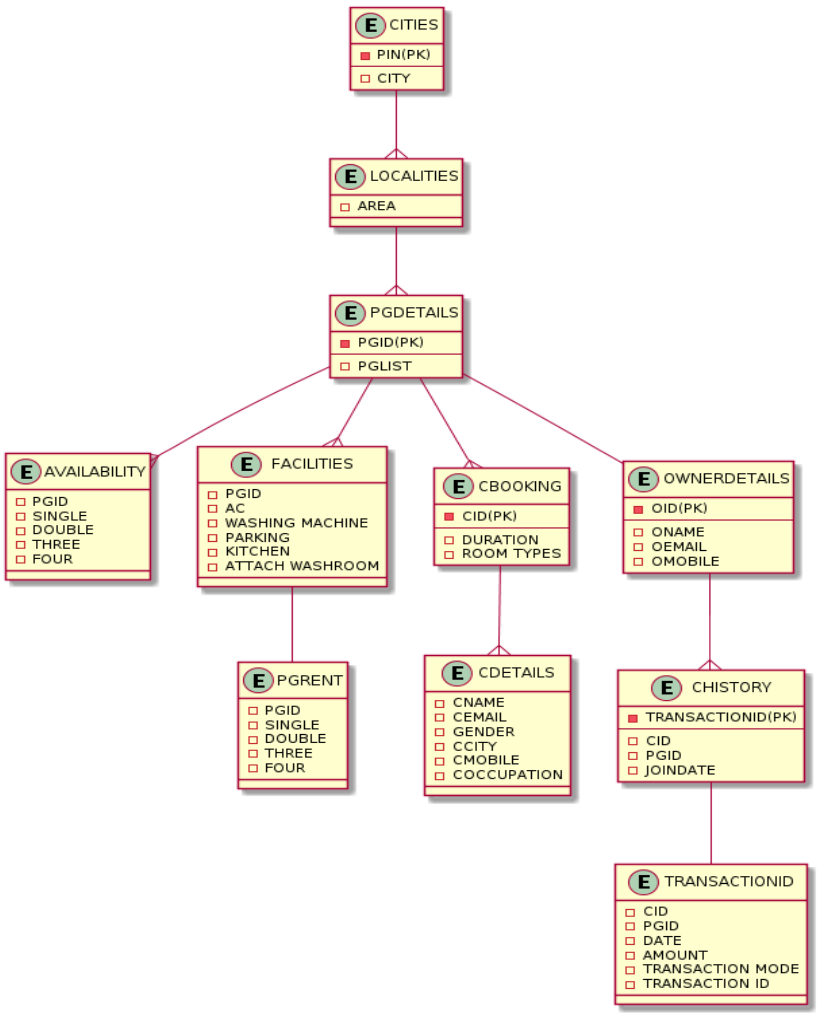
2.1 Purpose:

To provide good stay at afordable price according to the guiest's need.

2.2 Scope :

Internet has become by far the best platform for finding PGs today.

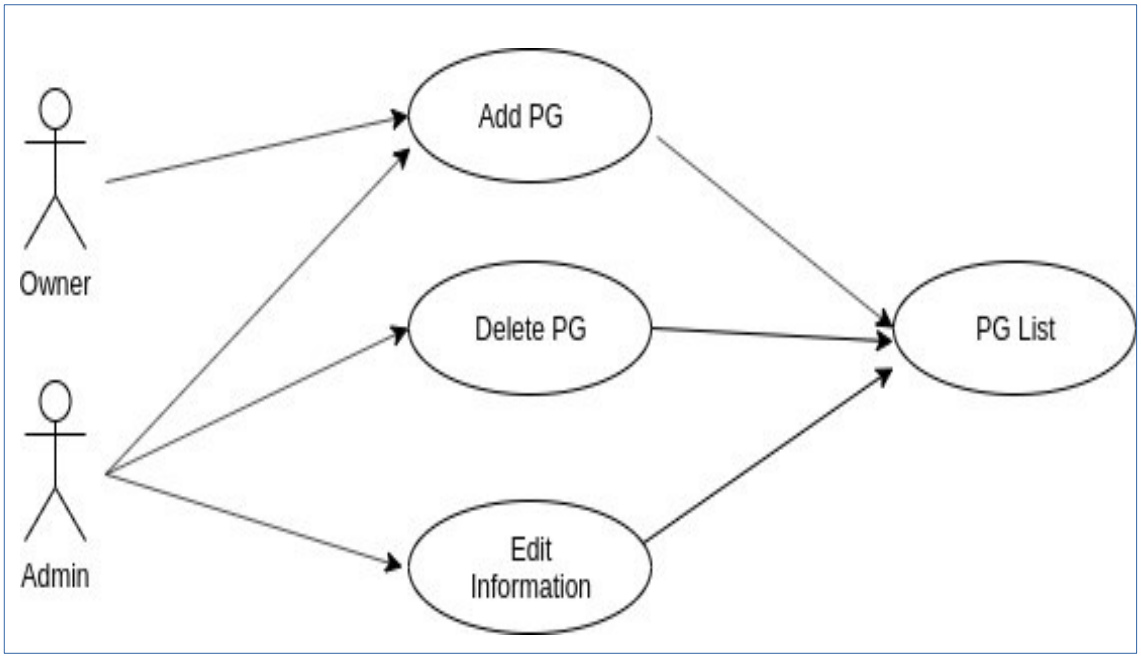
2.3 UMl Daigram:



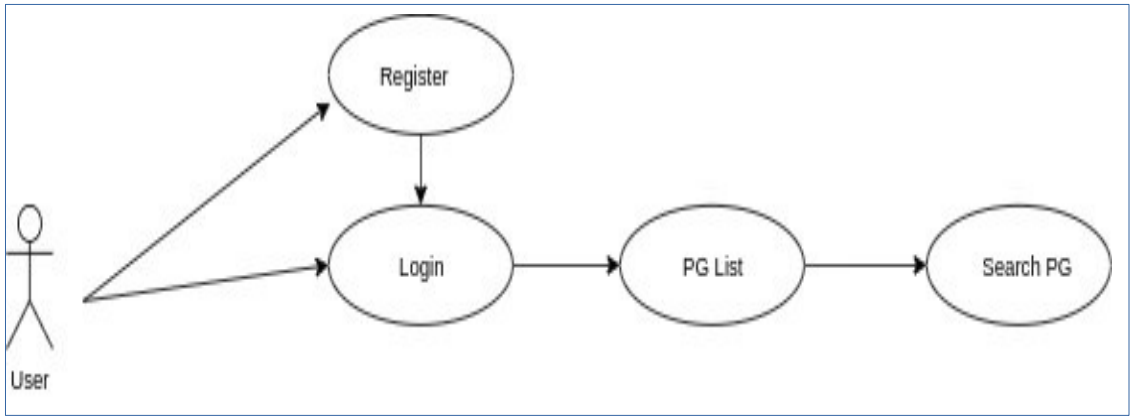
3.REQUIREMENTS

3.1 Functional Requirements

3.1.1 Use case for Administrator:



3.1.2 Use case for Customer:



3.2 Non - Functional Requirements :

3.2.1 Usability Requirement :

The system is designed for a user friendly environment so that student and house owners can perform the various tasks easily and in an effective way.

3.2.2 Performance Requirement :

The system sorts PGs according to their locality. The bookings can be done online and also there is pay later option.

3.2.3 Reliability Requirement :

The system should accurately performs accommodation registration, user validation, report generation and search.

3.2.4 Efficiency Requirement:

When this online accommodation portal system will be implemented users and house owners can easily access online accommodation system and searching for accommodation will be very faster .

4.PROJECT DESIGN

4.1 Data Model:

- ClientDetails table to maintain information of all clients.

```
mysql> select * from ClientDetails;
+-----+---------+-------------------------+-------------+----------+
| CID | CNAME   | CEMAIL                  | CMOBILE     | password |
+-----+---------+-------------------------+-------------+----------+
|   1 | pradnya | pradnya@gmail.com       |  8975531377 | pradnya  |
|   7 | gauri   | gauri@gmail.com         | 45789645864 | gauri    |
|   8 | akshta  | akshata@gmail.com       |  4561239856 | akshata  |
|  10 | test2   | test2@gmail.com         |  9763329583 | test2    |
|  11 | sanhita | sanhita@gmail.com       |   456987123 | sanhita  |
|  12 | pradnya | pradnya1@gmail.com      |  8975531377 | pradnya  |
|  13 | niraj   | niraj@gmail.com         |  9370939629 | niraj    |
|  14 | Dipali  | dipali@gmail.com        |  7548964512 | dipali   |
|  15 | pradnya | pradnyapatil@gmail.com  |  8975531377 | pradnya  |
+-----+---------+-------------------------+-------------+----------+
9 rows in set (0.00 sec)
```

- Pgdetails table is maintained for the information of PGs

```
mysql> select * from PGdetails;;
+------+---------+-------------+----------+--------+--------------+----------------+----------------+---------------+------+----------
----------------------+
| PGID | PGCITY  | PGAREA      | PGNAME   | PGTYPE | sing_Share_avi | double_Share_avi | three_Share_avi | four_Share_avi | OID  | THUMBNAI
L                    |
+------+---------+-------------+----------+--------+--------------+----------------+----------------+---------------+------+----------
----------------------+
|   24 | pune    | hinjawadi   | united   | girls  |            4 |              5 |              6 |             7 |    1 | b187bfba
2326520a8744cd4bec5780b1 |
|   25 | Kolhapur | Bavada     | Shivtirth | girls  |            4 |              6 |              8 |             6 |    2 | 93388b10
589581bed7434d799f306c24 |
|   26 | kop     | shivaji peth | shivtirth | boys   |            6 |              5 |              4 |             3 |    2 | b5540512
279acf05f55fb3a86242f94f |
+------+---------+-------------+----------+--------+--------------+----------------+----------------+---------------+------+----------
----------------------+
3 rows in set (0.00 sec)
```

- OWNERDETAILS table is maintained for information of owners

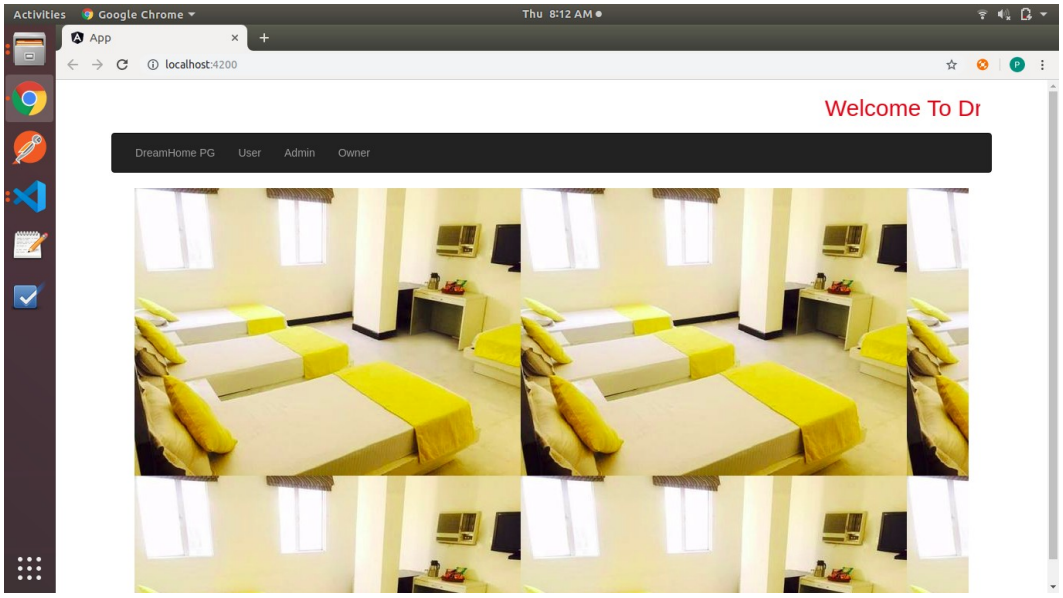
```
mysql> select * from OWNERDETAILS;
+-----+-------------------+-----------+----------------+-------+---------+
| OID | OEMAIL            | OPASSWORD | OFNAME         | PGADD | PINCODE |
+-----+-------------------+-----------+----------------+-------+---------+
|   1 | gauri@gmail.com   | gauri     | gauri gadhave  | pune  |  416209 |
|   2 | akshata@gmail.com | akshata   | akshata patil  | pune  |  416209 |
|   5 | dipali@gmail.com  | dipali    | dipali jadhav  | pune  |  416209 |
|   6 | dipali1@gmail.com | dipali1   | dipali jadhav1 | pune  |  416209 |
|   7 | gauri1@gmail.com  | gauri1    | gauri gadhave1 | pune1 |  416209 |
|   8 | aaa@gmail.com     | aaa       | aaa            | aaa   |  416006 |
|   9 | pooja@gmail.com   | pooja     | pooja          | Bidri |  416209 |
+-----+-------------------+-----------+----------------+-------+---------+
7 rows in set (0.00 sec)
```

- RENT table is maintained for the information about the rent.

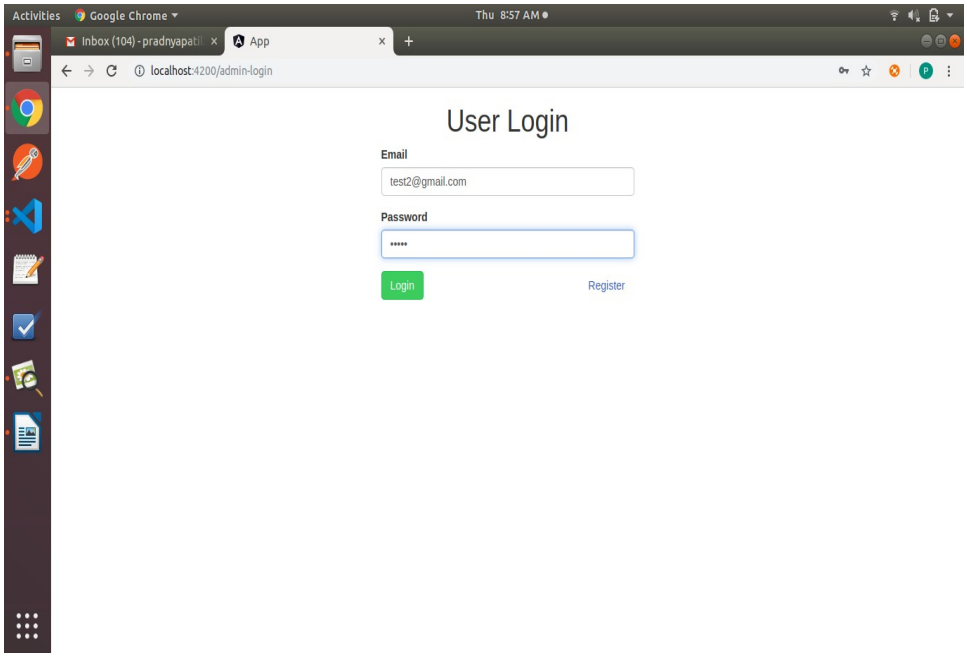
```
mysql> select * from RENT;
+-----+-----------+--------------+-------------+------------+------+------+
| RID | SIG_SHARE | DOUBLE_SHARE | THREE_SHARE | FOUR_SHARE | PGID | OID  |
+-----+-----------+--------------+-------------+------------+------+------+
|   1 |      5000 |         6000 |        7000 |       8000 |    1 |    1 |
|   2 |      5000 |         6000 |        7000 |       8000 |   11 |    3 |
|   3 |      5000 |         6000 |        7000 |       8000 |   17 |    2 |
|   4 |      6500 |         7500 |        8500 |       9500 |   25 |    4 |
+-----+-----------+--------------+-------------+------------+------+------+
4 rows in set (0.00 sec)
```

4.2 Project Screenshots

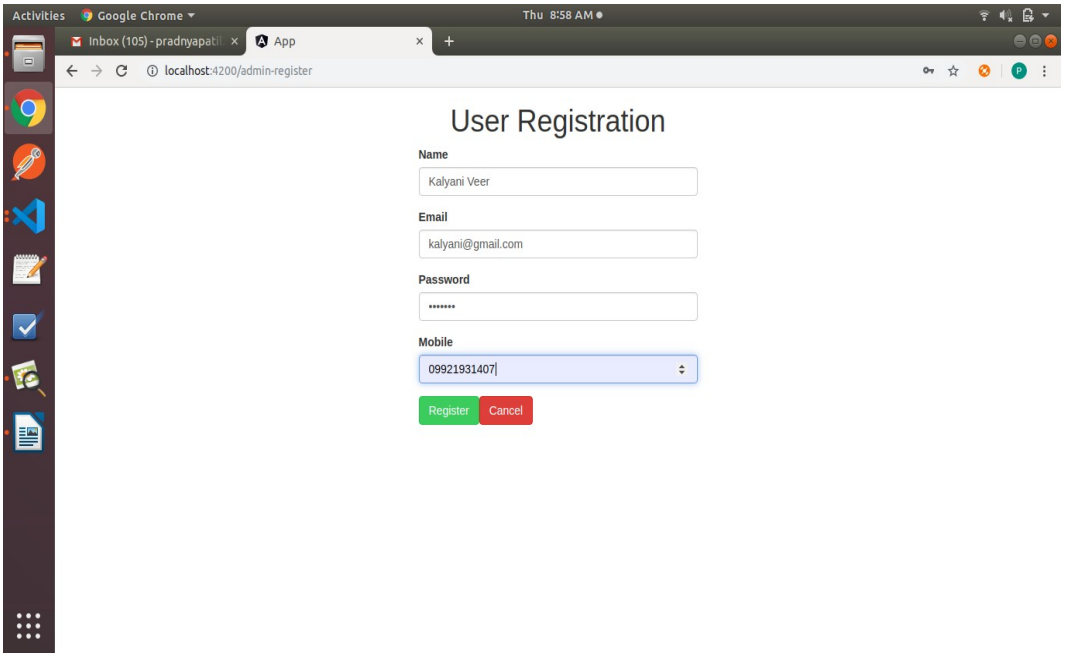
- Home Page



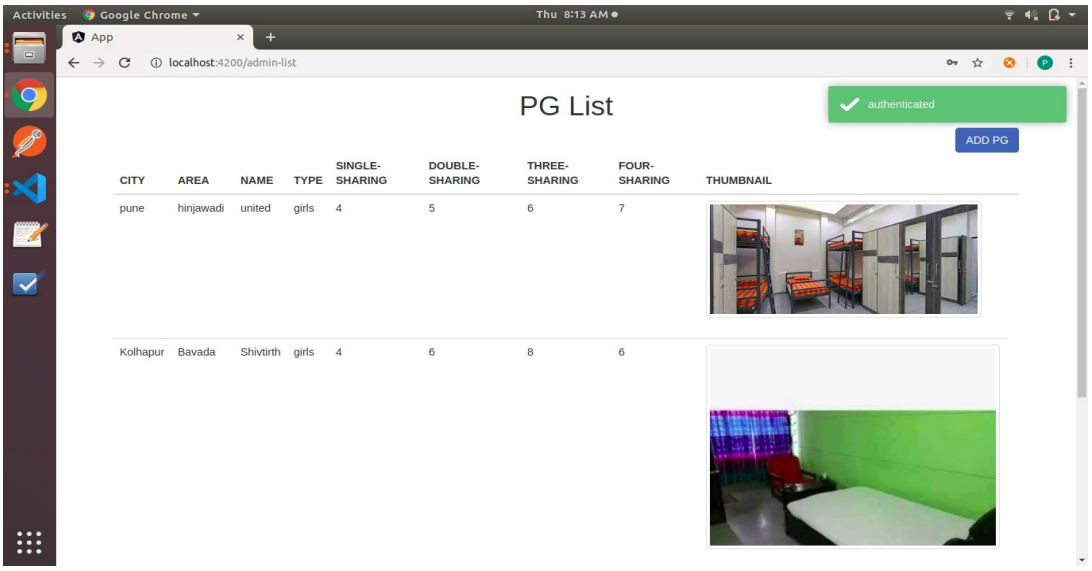
- Login Page



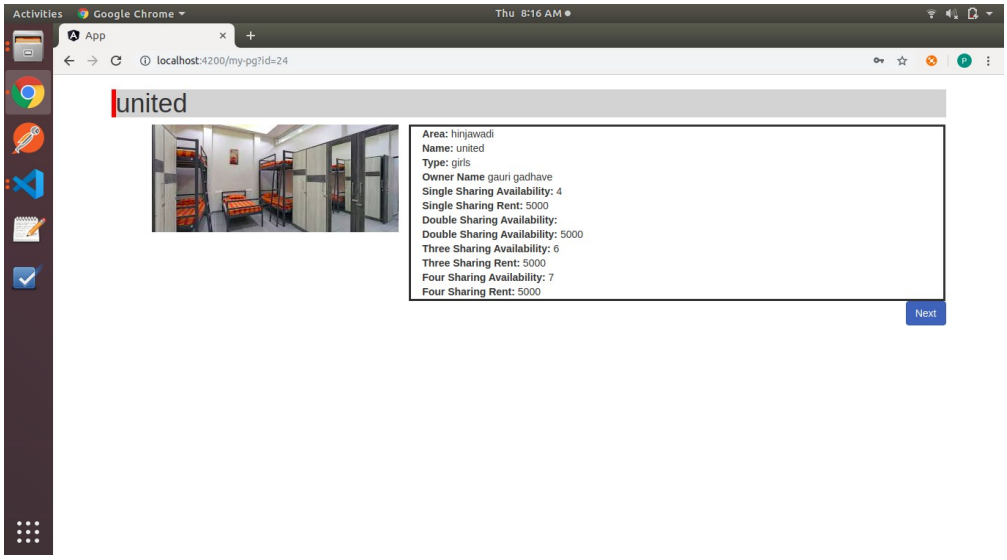
- Registration Page



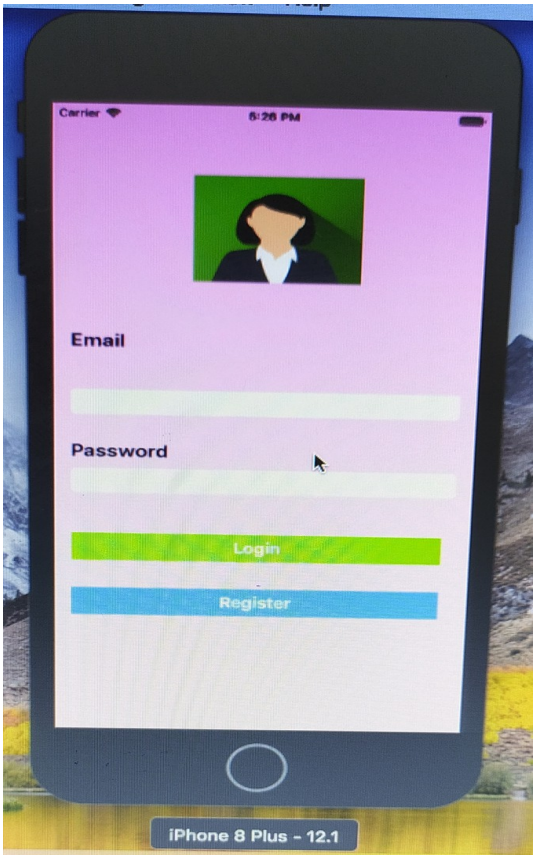
- List Of PGs



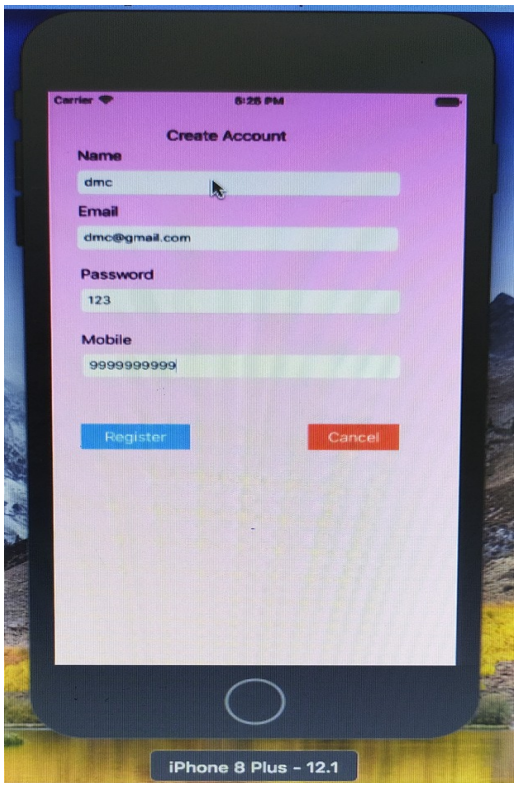
- PG Details



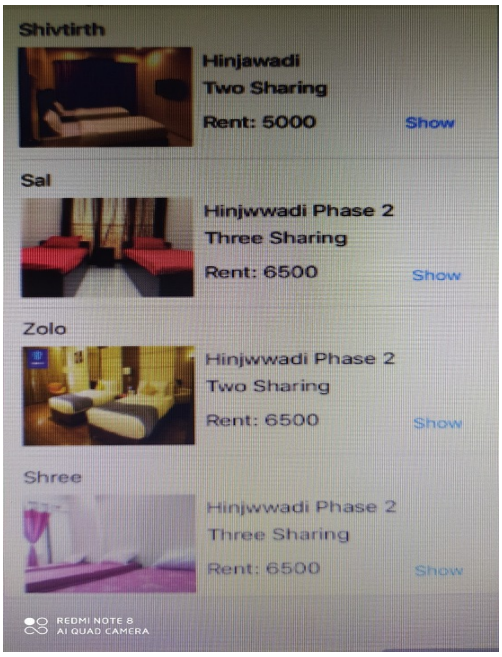
- Mobile Application Screenshots:
  - Login



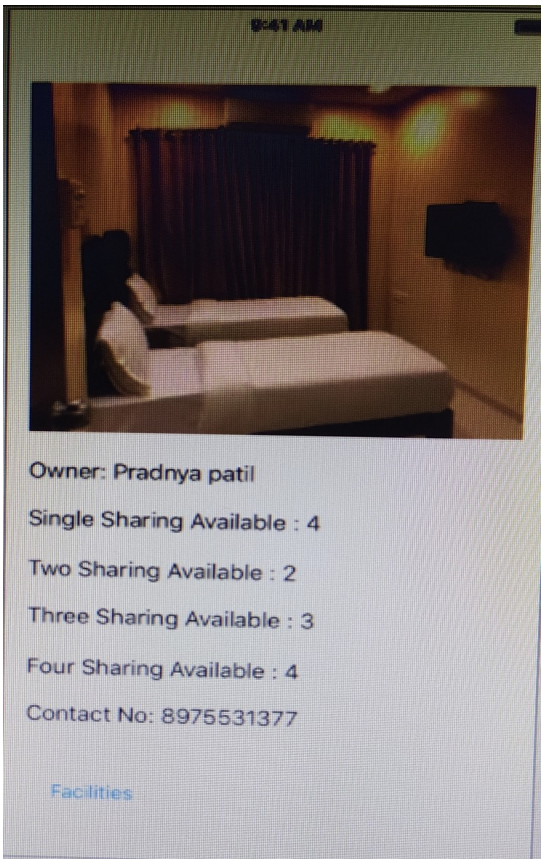
- Registration:



List Of PGs:



- PG Details



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