

Room Allotment Project Report

Name: Vedant Gite

Register number: 17BME0154

Project comes under: Web development

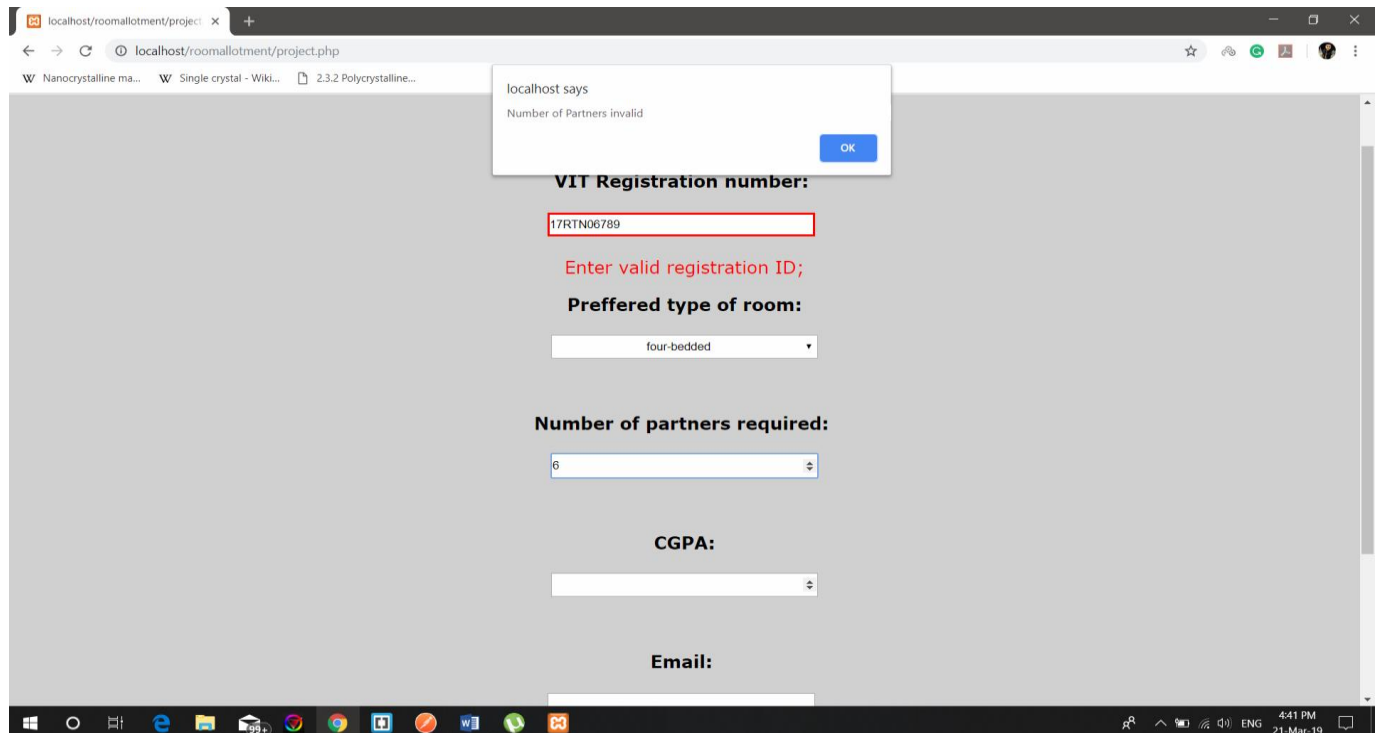
What is this project?

My project is based to help people in VIT find a roommate for hostel counselling which is always an issue among us VITians. My project is a simple Website developed fully (frontend and backend) which takes user data (his preference along with his register ID) and inputs that in database. After that the student can search for people having the same queries as him by clicking on the search button, and he will be redirected to a new page on which he can select the type of room and number of partners required and all possible search result from database will be displayed to him.

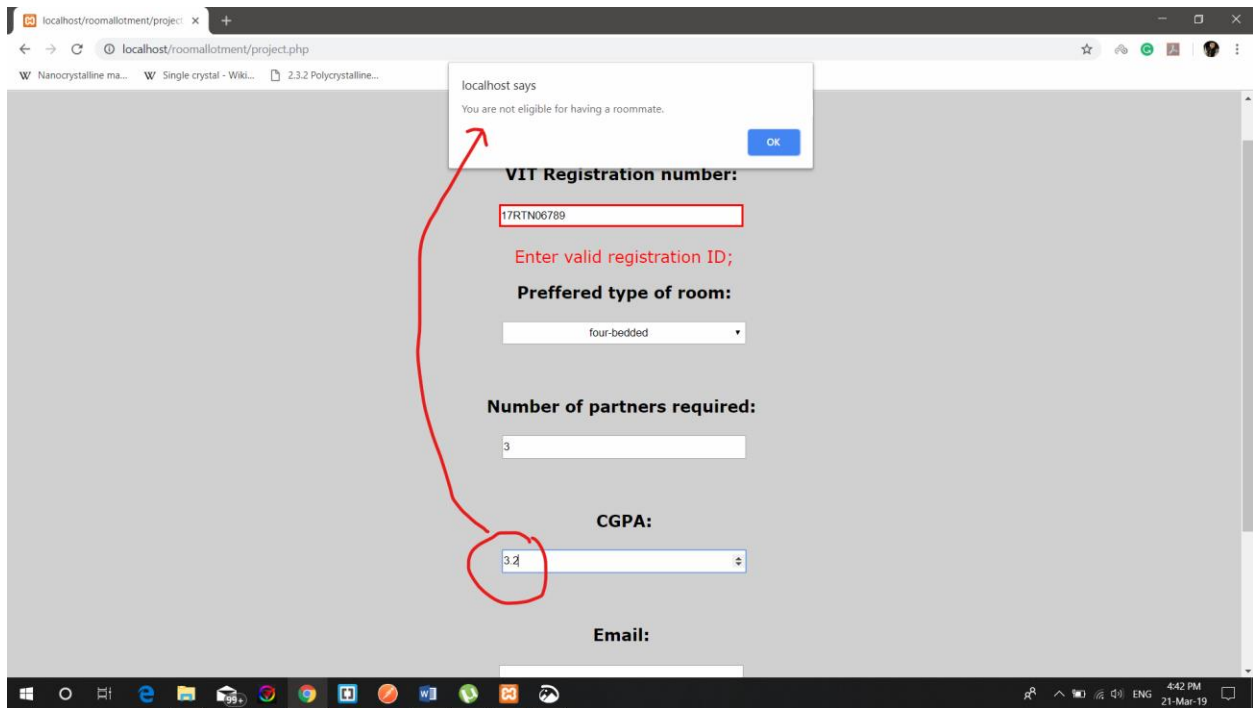
Languages and scripts used:

MySQL, JavaScript, JQuery, html.

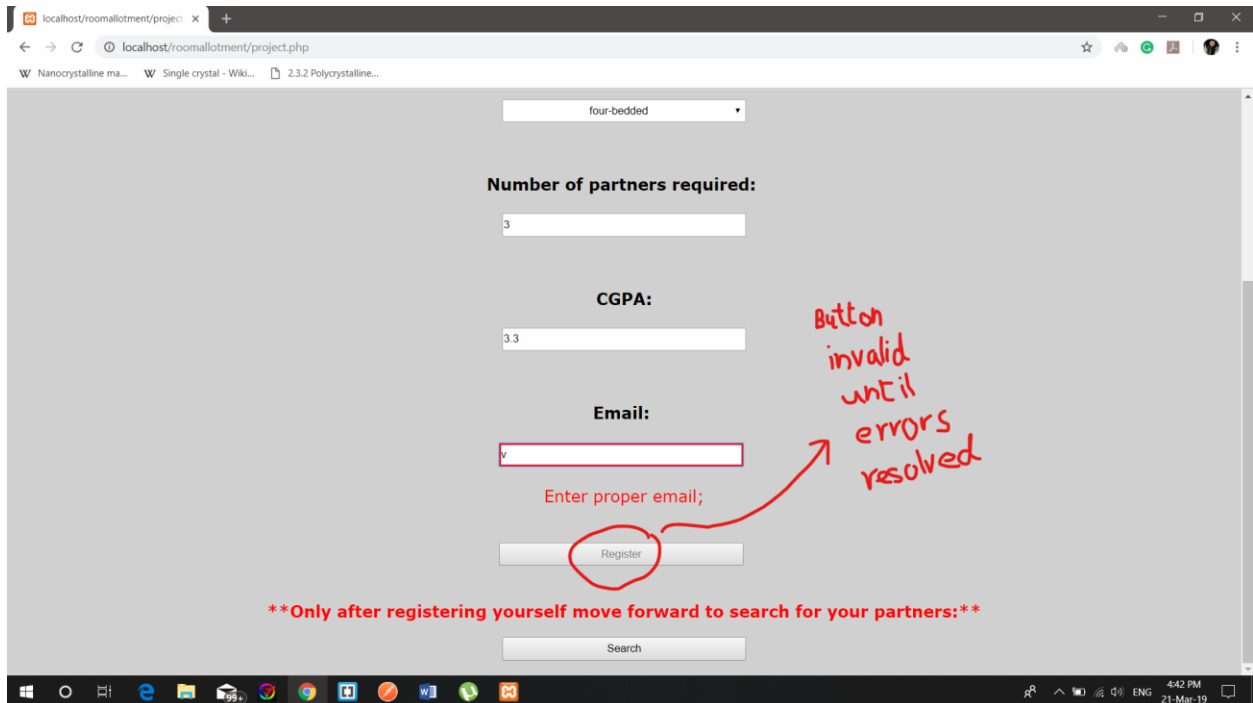
Screenshots of my project:



1. Form Validation to alert incorrect number of partners.



2. Least CGPA validation



3. Button will be invalid to click unless all errors resolved.

localhost/roomallotment/project.php

Preferred type of room:
six-bedded

Number of partners required:
1

CGPA:
8.9

Email:
vedantgite@7899.com

Register

****Only after registering yourself move forward to search for your partners:****

Search

4. Register button becomes valid to click on no form errors.

localhost/roomallotment/project.php

Two-bedded

Number of partners required:

CGPA:

Email:

Register

****Only after registering yourself move forward to search for your partners:****

Search

Registration Successful!!!

5. Successful Registration message.

After Clicking on Search button, you are redirected to search portal:

Welcome Roomie!!!

localhost/roomallotment/search.php?search=Search

Welcome to the Official Roomie search portal of VIT

Based on your preferred room and your preferred number of partners, you can search for others and share rooms with them by contacting and communicating with them via email.

Preferred type of room:

Select the type of room ▼

Number of partners:

Select number of partners ▼

Search

****Selecting both the above fields is necessary to see the results****

Welcome Roomie!!!

localhost/roomallotment/search.php?search=Search

Welcome to the Official Roomie search portal of VIT

Based on your preferred room and your preferred number of partners, you can search for others and share rooms with them by contacting and communicating with them via email.

Preferred type of room:

Select the type of room ▼

Select the type of room

Two-bedded

Three-bedded

four-bedded

six-bedded

Two-bedded A/C

Three-bedded A/C

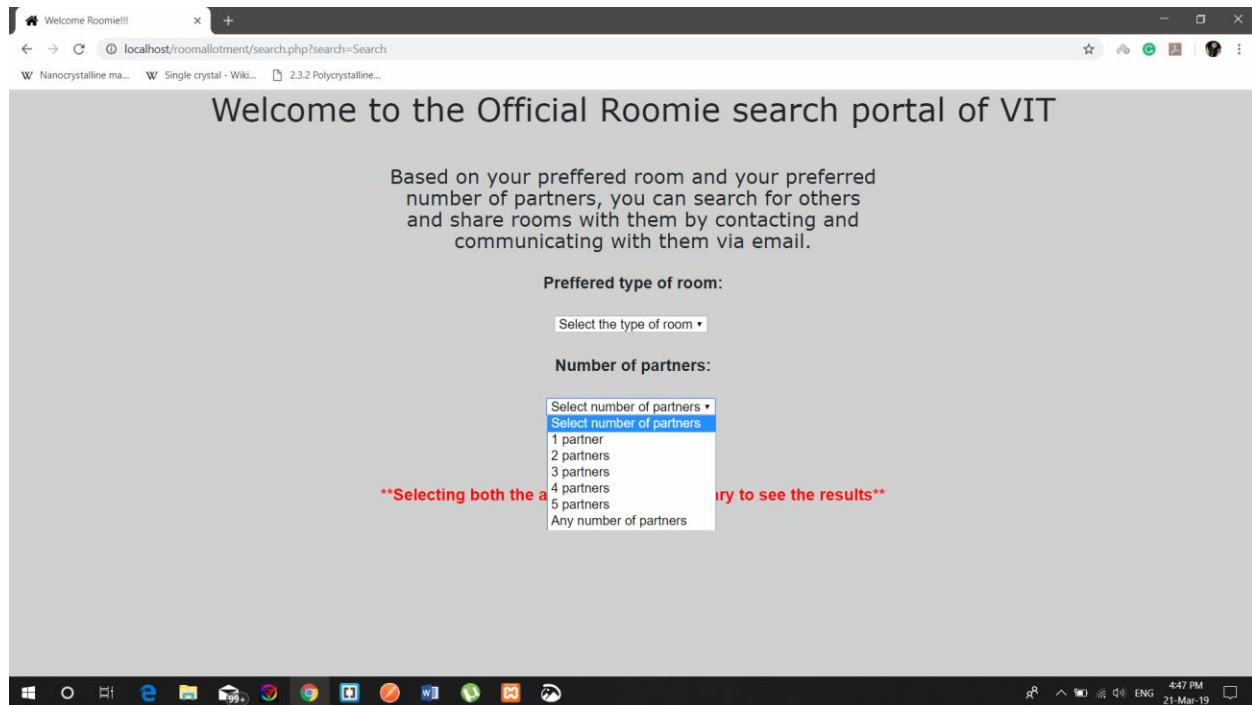
four-bedded A/C

six-bedded A/C

All types of rooms

****Selecting both the above fields is necessary to see the results****

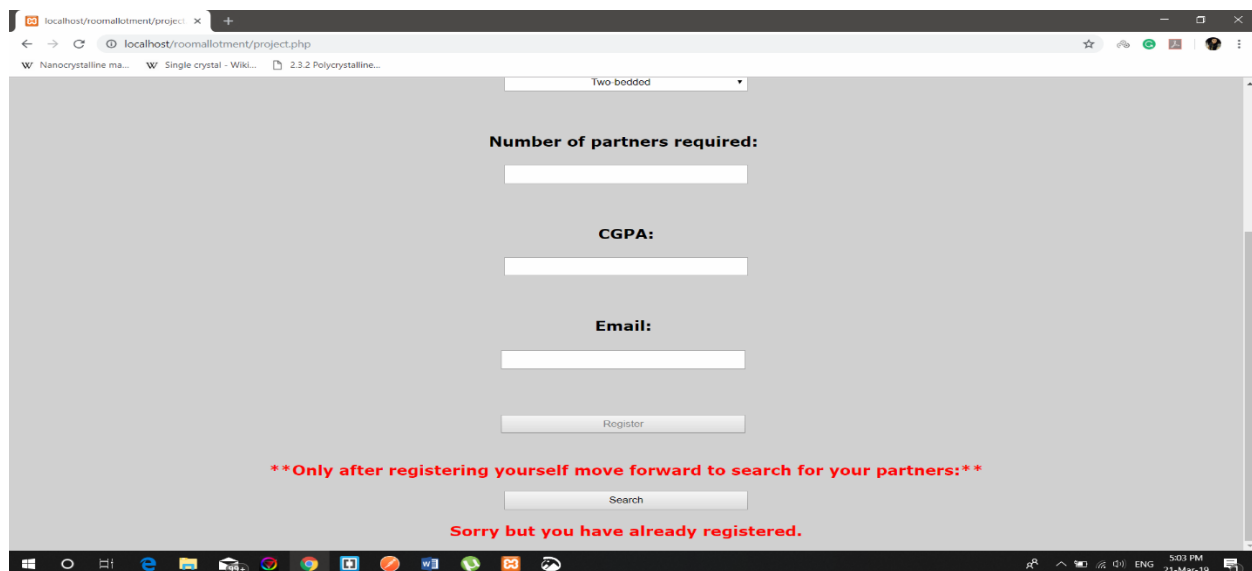
1. Preferred type of rooms



2. Preferred number of partners

Some important points:

- I avoided the acceptance of mobile numbers in order to maintain privacy and avoid prank/spam callers and chose details of communication mode as email.
- I provided a registration of your own details so that the database has queries of everyone. This is for those who want to take a room and then search for partners.
- Without registering if someone just wants to search for people to take him because he has less CGPA and he only wants that someone would take him in, that can be done by directly clicking on search button in project.php
- A message that “Sorry, but you already registered.” will be displayed if someone enters your register number and you previously registered with it.



- When you select all types of rooms and any number of partners, it shows all the registered entries:

Welcome Roomie!!!

localhost/roomallotment/search.php

Nanocrystalline ma... Single crystal - Wiki... 2.3.2 Polycrystalline...

number of partners, you can search for others and share rooms with them by contacting and communicating with them via email.

Preferred type of room:

All types of rooms

Number of partners:

Any number of partners

Search

****Selecting both the above fields is necessary to see the results****

Search results matching your input are:

SERIAL NUMBER	REGISTER NUMBER	CGPA	ROOM-TYPE	PARTNERS REQUIRED	EMAIL
1	17BCE051166	9.02	2-bedded A/C rooms	2	vedantgite7899@gmail.com
2	17BCE05117	9.02	2-bedded rooms	2	vedantgite7899@gmail.com
3	17BCE0528	6.8	4-bedded rooms	3	vedantgite7899@gmail.com
4	17BME0154	9.02	2-bedded rooms	2	vedantgite7899@gmail.com
5	17BME0164	9	2-bedded rooms	1	ved@g.com
6	16BME0154	9	3-bedded A/C rooms	2	v@g.com
7	17BCE0988	8.8	4-bedded rooms	2	vedantgite@gmail.com

Welcome Roomie!!!

localhost/roomallotment/search.php

Nanocrystalline ma... Single crystal - Wiki... 2.3.2 Polycrystalline...

Number of partners:

Select number of partners

Search

****Selecting both the above fields is necessary to see the results****

Search results matching your input are:

SERIAL NUMBER	REGISTER NUMBER	CGPA	ROOM-TYPE	PARTNERS REQUIRED	EMAIL
1	17BCE051166	9.02	2-bedded A/C rooms	2	vedantgite7899@gmail.com
2	17BCE05117	9.02	2-bedded rooms	2	vedantgite7899@gmail.com
3	17BCE0528	6.8	4-bedded rooms	3	vedantgite7899@gmail.com
4	17BME0154	9.02	2-bedded rooms	2	vedantgite7899@gmail.com
5	17BME0164	9	2-bedded rooms	1	ved@g.com
6	16BME0154	9	3-bedded A/C rooms	2	v@g.com
7	17BCE0988	8.8	4-bedded rooms	2	vedantgite@gmail.com

- Table has change color on hover using Js and Css to make it attractive.

Welcome Roomie!!!

localhost/roomallotment/search.php

Nanocrystalline ma... Single crystal - Wiki... 2.3.2 Polycrystalline...

10	17BMD1234	7.9	4-bedded rooms	3	ved@git.com
11	17BME0141	2.02	2-bedded rooms	1	vedgite7899@gmail.com
12	17BME0145	9.05	2-bedded rooms	1	vedantgite7899@gmail.com
13	17BME0146	7.8	2-bedded rooms	1	vedantgite7899@gmail.com
14	17BME0151	9	2-bedded rooms	1	v@g.com
15	17BME0154	9	3-bedded rooms	3	vedantgite7899@gmail.com
16	17BME0157	9	2-bedded rooms	1	vedantgite7899@gmail.com
17	17BME0158	7	3-bedded rooms	1	vedantgite7899@gmail.com
18	17BME0159	9	2-bedded rooms	1	vedant@gmail.com
19	17BME0178	9	2-bedded rooms	2	vedantgite7899@gmail.com
20	17BND1234	6	2-bedded rooms	1	ved@g.com

Total of 20 result(s) match your search query

Windows taskbar: 4:48 PM, 21-Mar-19

- In the end total obtained search results is displayed based on the matching queries.

That is everything about my project.

Thank you

Created by: Vedant Gite 17BME0154