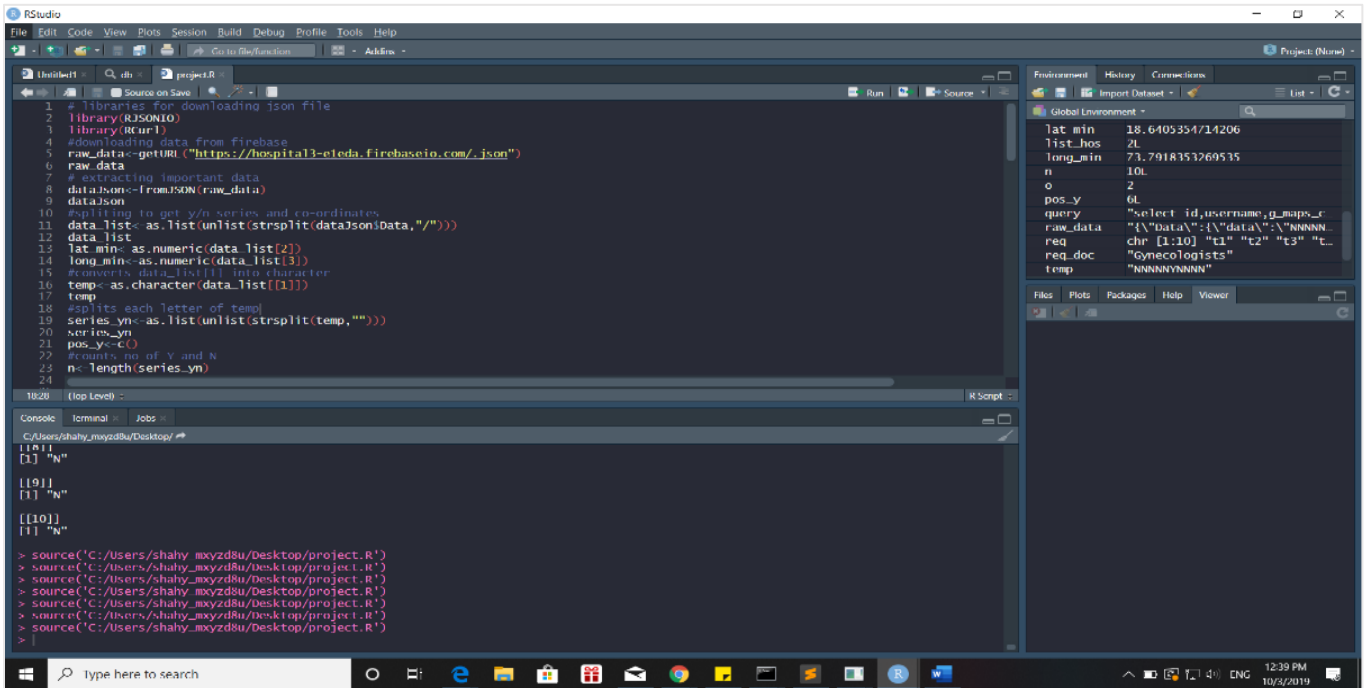


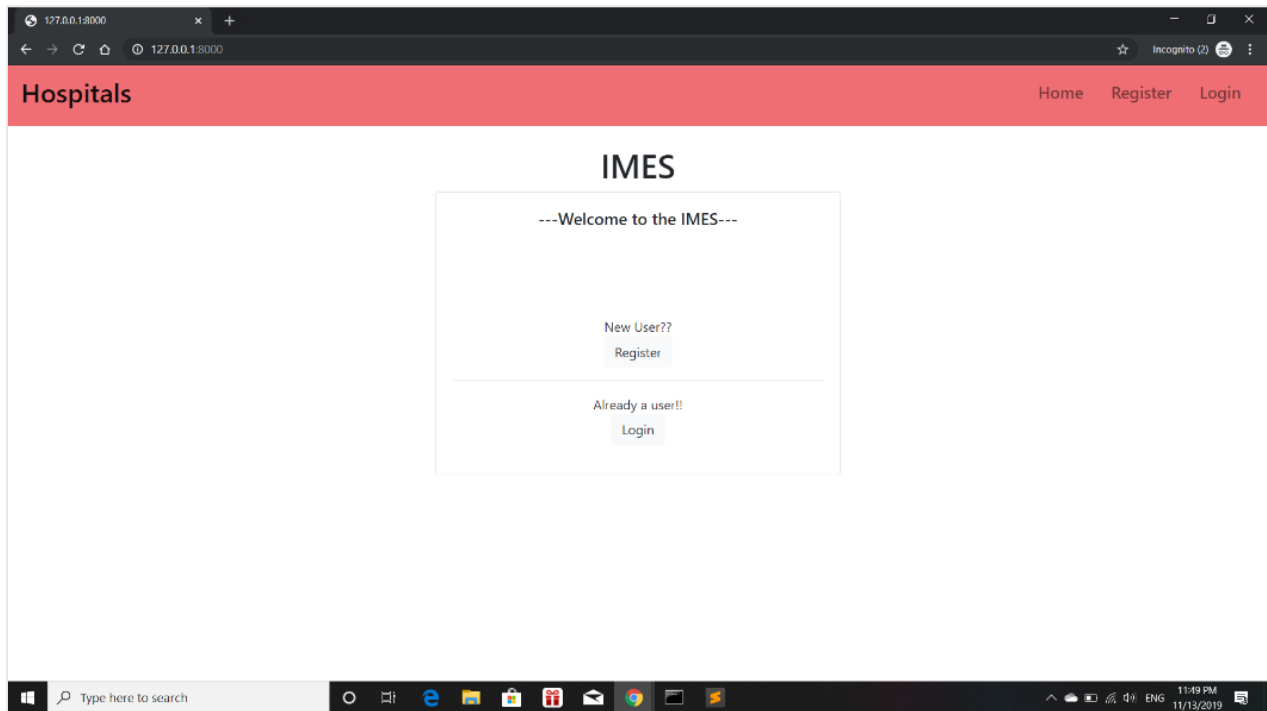
## SCREENSHOTS / GUI:

## RStudio :



## R Studio Coding platform

### Server side / Website (django):



# IMES Home Page for Hospital Login and Registration

The screenshot shows a web browser window with the URL `127.0.0.1:8000/register/`. The page has a red header with the word "Hospitals" on the left and "Home", "Register", and "Login" links on the right. The main content area is titled "Hospital Registration Form" and contains the following fields:

- Username:** A text input field with a note below it: "Required. 150 characters or fewer. Letters, digits and @/./+/\_ only."
- Email:** A text input field.
- H name:** A text input field.
- Reg no:** A text input field.
- Hospital address:** A text input field.
- Hospital pincode:** A text input field.
- G maps coords lat:** A text input field.
- G maps coords lon:** A text input field.
- No of doc:** A text input field.

The Windows taskbar at the bottom shows the search bar and various application icons. The system clock indicates 11:49 PM on 11/13/2019.

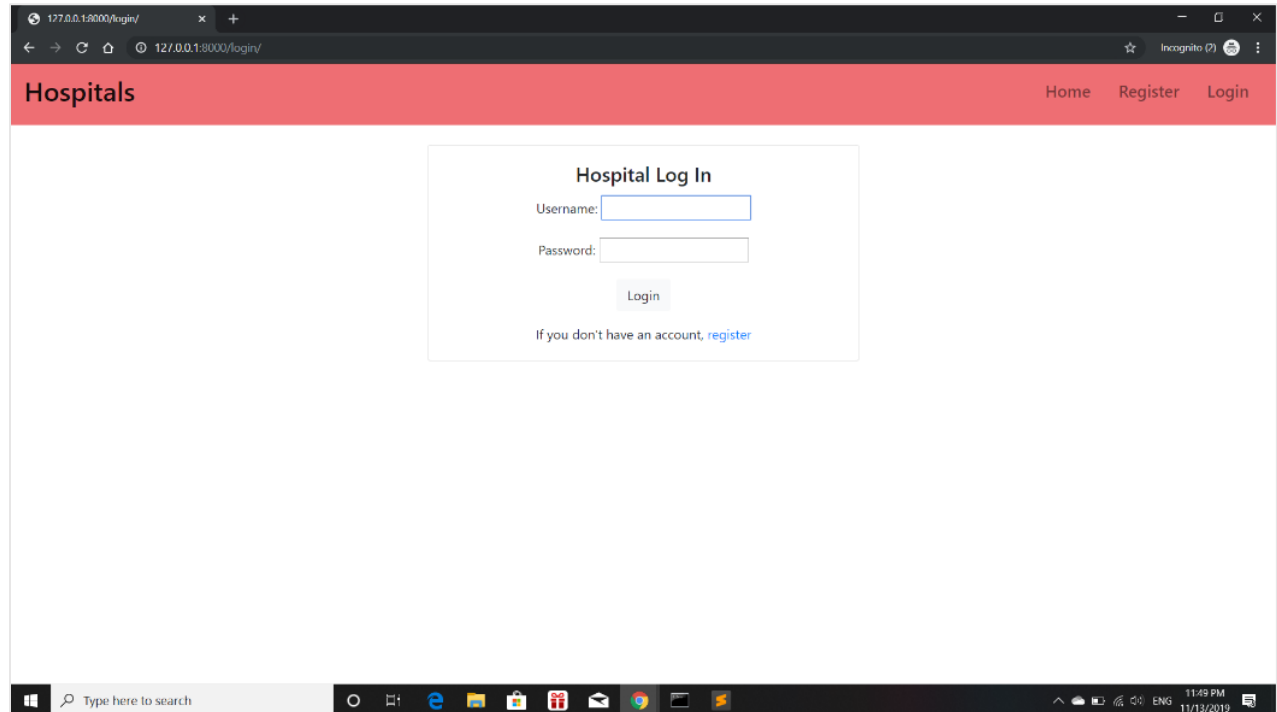
Hospital Registration Form

This screenshot shows the lower portion of the registration form, focusing on the selection of facilities and doctor types. It includes the following sections:

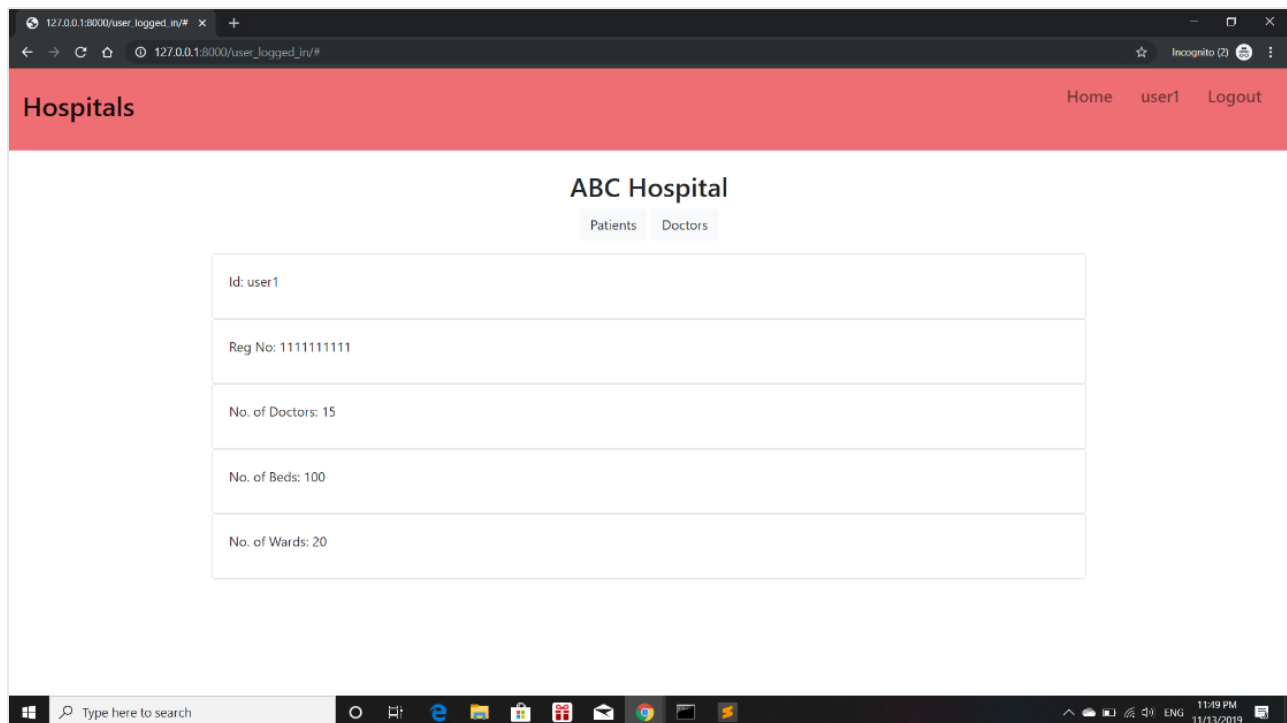
- Facilities:** A list of checkboxes for selecting hospital facilities:
  - ☐ OPD
  - ☐ OT
  - ☐ Laboratory
  - ☐ Pharmacy
  - ☐ Blood Bank
  - ☐ Ambulance
- Type of doctors:** A list of checkboxes for selecting doctor specialties:
  - ☐ Anesthesiologists
  - ☐ Cardiologists
  - ☐ Orthopedic Surgeon
  - ☐ Gastroenterologists
  - ☐ Neurologists
  - ☐ Gynecologists
  - ☐ Ophthalmologists
  - ☐ Urologists
  - ☐ Dentist
  - ☐ Plastic Surgeons
- Password:** A text input field with three validation rules listed below it:
  - Your password can't be too similar to your other personal information.
  - Your password must contain at least 8 characters.
  - Your password can't be a commonly used password.

The Windows taskbar and system clock are visible at the bottom, matching the previous screenshot.

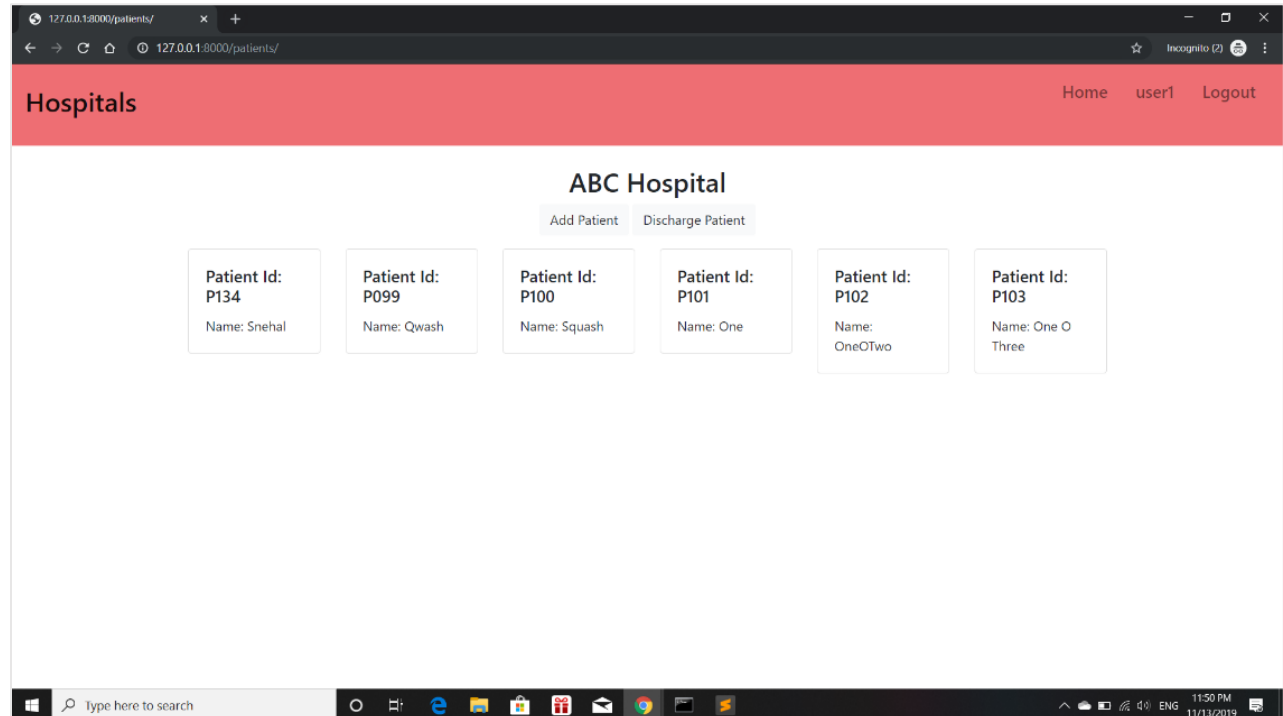
Details in Hospital registration form regarding types of Doctors and Facilities.



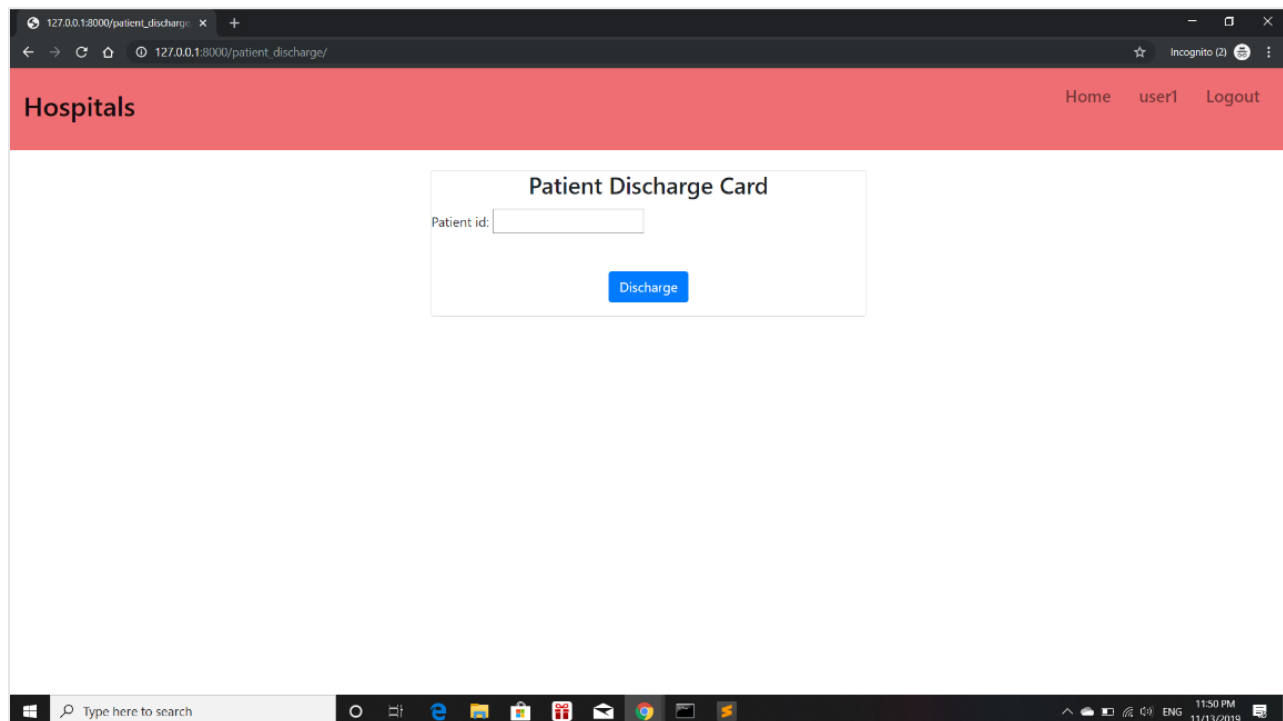
Login Page for Registered Hospital.



After Login View for a Hospital



Details of various Patients in Hospital with a facility to add and discharge the patient.



Patient Discharge Page

127.0.0.1:8000/doctor\_register/

Hospitals Home user1 Logout

### Doctor Registration

Doctor id:

Doctor name:

Doctor license no:

Specialized in:

Type here to search 11:50 PM 11/13/2019

Registration page for Doctor of the Logged in Hospital.

127.0.0.1:8000/doctors/

Hospitals Home user1 Logout

Register New Doctor Delete Doctor

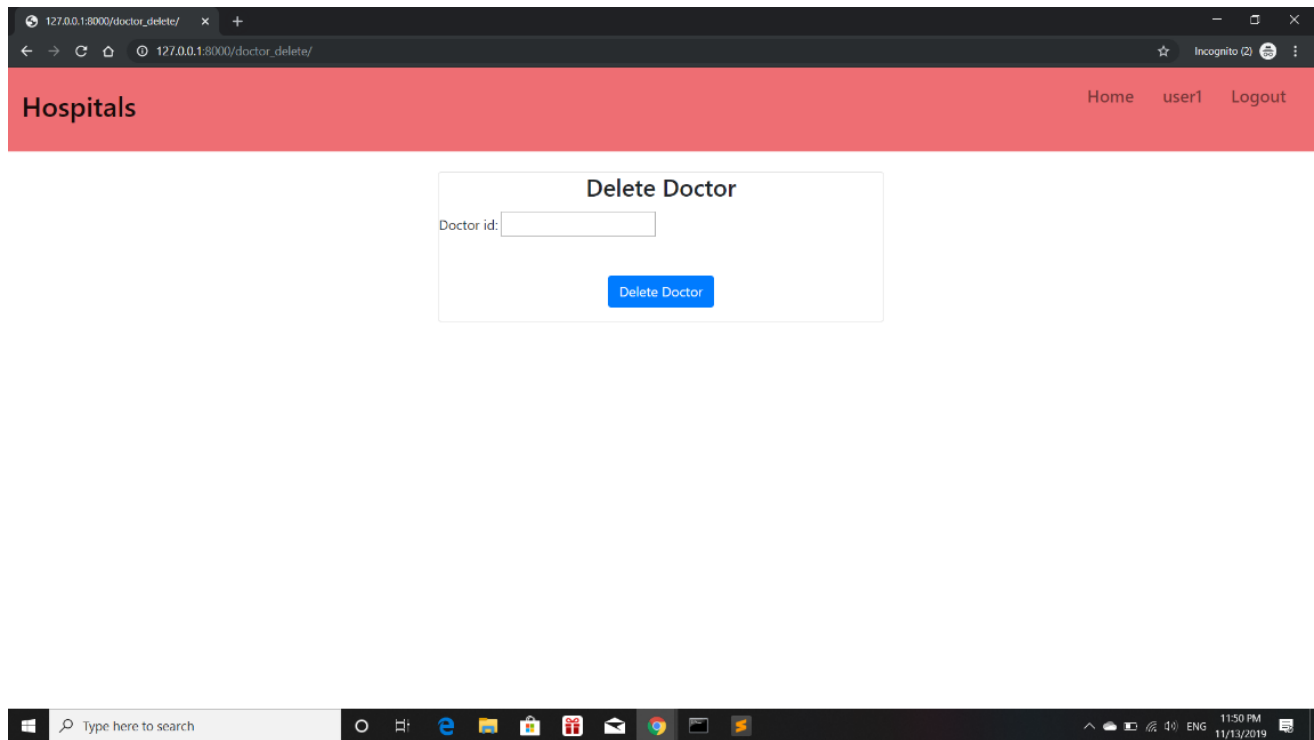
### ABC Hospital

Doctor Logg In Doctor Sign Off

Doctor Id	Name	Specialized In	Status
D101	Realtime	Cardiologist	Active
D254	Dhiraj	Neurologist	Inactive
D190	Ashok	Anesthesiologist	Inactive

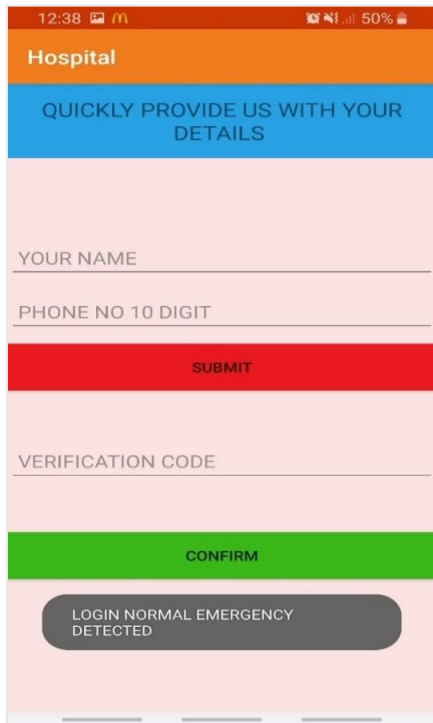
Type here to search 11:50 PM 11/13/2019

Various Doctors associated with Hospital with their current status as Active or Inactive.



Page to Remove the Doctor which is Associated to Hospital.

## Client Side (Android Studio):



12:38 50%

**Hospital**

QUICKLY PROVIDE US WITH YOUR DETAILS

YOUR NAME

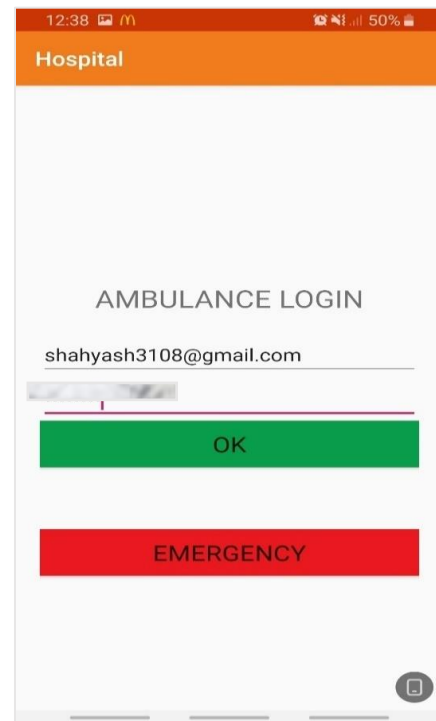
PHONE NO 10 DIGIT

SUBMIT

VERIFICATION CODE

CONFIRM

LOGIN NORMAL EMERGENCY DETECTED



12:38 50%

**Hospital**

AMBULANCE LOGIN

shahyash3108@gmail.com

OK

EMERGENCY

User (Ambulance & Emergency Situation) Android Application with user verification via OTP and Login page.



12:50 45%

**Hospital**

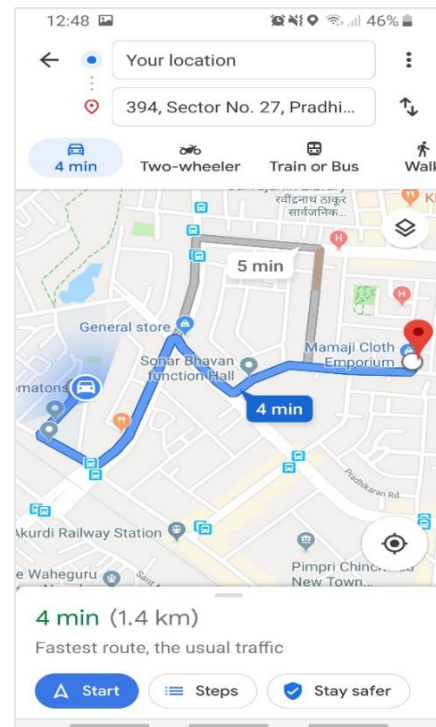
**Doctors Required**

- ☐ Anesthesiologists
- ☐ Cardiologist
- ☐ Orthopedic Surgeon
- ☒ Gastroenterologists
- ☐ Neurologists
- ☒ Gynecologists
- ☐ Ophthalmologists
- ☒ Plastic Surgeons
- ☐ Urologists
- ☐ Dentist

LOCATION  
LATITUDE18.65265481617561  
LONGITUDE73.76282716514758

GET LOCATION

SUBMIT



After successful login of the user (Ambulance and user) makes choice for required specialists and location of position is taken further the user is guided to the hospital which is currently providing the facilities.

## DATABASE:

```
sqlite> .tables
auth_group          django_session
auth_group_permissions users_customuser
auth_permission     users_customuser_groups
django_admin_log    users_customuser_permissions
django_content_type  users_doctor
django_migrations   users_patient

sqlite> select * from users_customuser;
id      password      last_login      is_superuser username first_name last_name email      is
staff   is_active date_joined      h_state h_multi hospital_address hospital_pincode g_maps_coords_lat g_maps_coords_lon h_name hospital_telephone facilities no_o
oc total_no_of_beds total_no_of_wards type_of_doctors reg_no
-----
pbkdf2_sha256$150000$z10Z7rZrhBNQ$QzpeMftpSH+5FEAFwNZ3QAA0MChwEfjyLpeP2Hp7QG= 2019-09-20 13:03:30.536275 1 user NULL 0 user@gmail.com 1
0 1 2019-09-20 19:47:40 NONE NULL 0 NONE 0
pbkdf2_sha256$150000$EhXs10Xz1zLP$W5I20TLr+pw5nUKfVmkumP9PTv4y6Kvpe3fQZdYsvA= 2019-09-29 06:33:41.088103 0 user1 123 @ pqr 111122 12.224456 174.225544 ABC Hospit 0 user1@gmail.co 0
100 1 2019-09-21 19:05:07 Maharashtra Gujarat 123 @ pqr 111122 12.224456 174.225544 ABC Hospit 0 ['1', '2', 15

sqlite> .header on
sqlite> .mode columns
sqlite> select * from users_customuser;
id      password      last_login      is_superuser username first_name last_name email      is
staff   is_active date_joined      h_state h_multi hospital_address hospital_pincode g_maps_coords_lat g_maps_coords_lon h_name hospital_telephone facilities no_o
oc total_no_of_beds total_no_of_wards type_of_doctors reg_no
-----
pbkdf2_sha256$150000$z10Z7rZrhBNQ$QzpeMftpSH+5FEAFwNZ3QAA0MChwEfjyLpeP2Hp7QG= 2019-09-20 13:03:30.536275 1 user NULL 0 user@gmail.com 1
0 1 2019-09-20 19:47:40 NONE NULL 0 NONE 0
pbkdf2_sha256$150000$EhXs10Xz1zLP$W5I20TLr+pw5nUKfVmkumP9PTv4y6Kvpe3fQZdYsvA= 2019-09-29 06:33:41.088103 0 user1 123 @ pqr 111122 12.224456 174.225544 ABC Hospit 0 user1@gmail.co 0
1 1 2019-09-21 19:05:07 Maharashtra Gujarat 123 @ pqr 111122 12.224456 174.225544 ABC Hospit 0 ['1', '2', 15
```

## DATABASE SQLite

```
C:\Users\shahy_mxyzd8u\AppData\Local\Programs\Python\Python37-32\Scripts\new_project\sqlite3.exe
sqlite> select * from users_doctor;
id      doctor_id doctor_name doctor_license_no doctor_user_id specialized_in is_active
-----
1 1234acx zxcdsa 112244okj 2 1 1
2 asdasf wr3efeaf 3redfasd 2 1 0
4 e34ad s 12 2eds 1 1
5 1122as sdfesgse fdvdv 1 0
6 190221 Ashok 8755521 2 Anesthesiologi 0
7 1237616 sandeep 32744413 2 Neurologists 0
8 12442117 Rajesh 11865742 2 Urologists 0
9 826514131 Payal 78514141 2 Plastic Surgeo 0
10 hjh 345 sd 34 1
sqlite>
```

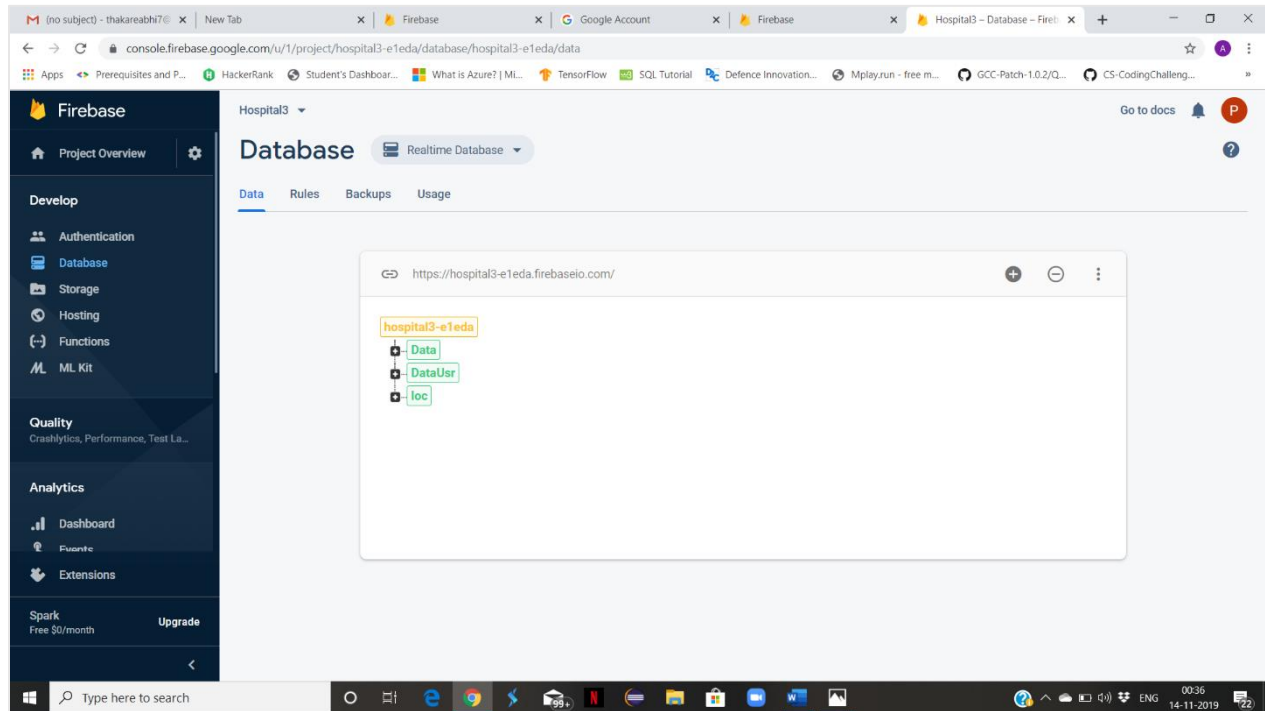
## DATABASE SQLite

```
C:\Users\shahy_mxyzd8u\AppData\Local\Programs\Python\Python37-32\Scripts\new_pi
id      patient_name patient_id patient_user_id
-----
1 12sx abcd 1
3 Hello request.us 2
4 haaalooo 2
8 ascxzs 34eds 1
9 bnvcbc qwe 2
12 Snehal 7unk 2
sqlite>
```

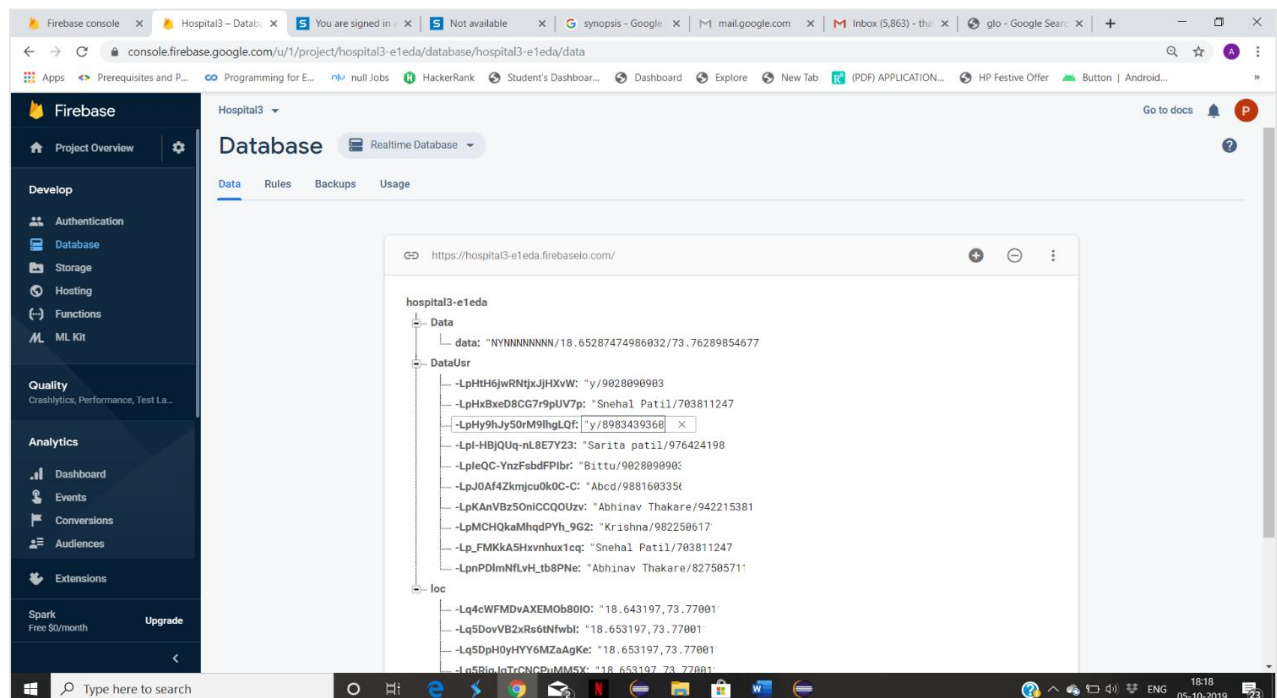
## DATABASE SQLite



## Firestore:



FIREBASE DATA WHERE REQUEST IS SENT



WAY IN WHICH DATA IS STORED AT FIREBASE

Browser tabs: (no subject) - thakareabhi7@, New Tab, Firebase, Google Account, Hospital3 - Overview - Fire...

Address bar: console.firebase.google.com/u/1/project/hospital3-e1eda/authentication/users

Navigation bar: Apps, Prerequisites and P..., HackerRank, Student's Dashboar..., What is Azure? | Mi..., TensorFlow, SQL Tutorial, Defence Innovation..., Mplay.run - free m..., GCC-Patch-1.0.2/Q..., CS-CodingChalleng...

Left sidebar (Firebase):

- Project Overview
- Develop
  - Authentication
  - Database
  - Storage
  - Hosting
  - Functions
  - ML Kit
- Quality
  - Crashlytics, Performance, Test La...
- Analytics
  - Dashboard
  - Experiments
  - Extensions
- Spark
  - Free \$0/month
  - Upgrade

Main content: Hospital3 - Authentication

Search: Search by email address, phone number or user UID

Buttons: Add user, Refresh, More options

Identifier	Providers	Created	Signed In	User UID
+918275057115	Phone	27 Sep 2019	27 Sep 2019	3phF3TZ0yzVHgQRUAb9kpgOkgI2
shahyash3108@gmail.com	Email	20 Sep 2019	13 Nov 2019	8FcscqIP4AxeJwa1fTYN6fBzccmd2
sneva2913@gmail.com	Email	21 Sep 2019	13 Nov 2019	Bq3rQIT8TNQoaXzTQ1T7tgk9dXF2
+919422153818	Phone	22 Sep 2019	22 Sep 2019	OXKsVgG3NZTX0bz5Fu447QEjx1
thakareabhi7@gmail.com	Email	19 Sep 2019	12 Nov 2019	U2ICSNatnSxU3pZuA2x9D6ZNGc2
+919764241987	Phone	21 Sep 2019	21 Sep 2019	Z62LkysgkffvmlNCLEu6AJEA12
+919881603356	Phone	21 Sep 2019	21 Sep 2019	asuvH5qvOGgOUbJPdyXOVIGI8ur2
+919822506171	Phone	22 Sep 2019	22 Sep 2019	dDF3okDAG3V8PZj5n2ceZ4S1tf2
narkhedepayal99@gmail.com	Email	19 Sep 2019	20 Sep 2019	eoXVDPu35NYoDckgrfEzeULxkaK52
+919028090903	Phone	21 Sep 2019	21 Sep 2019	IqufW7BLw1Uj2iCygBwzOPN2Ps2
+918983439360	Phone	21 Sep 2019	21 Sep 2019	nQnWkvxPqpebopm5dpDh18KW...
7038112471	Phone	21 Sep 2019	25 Sep 2019	yPna7WJZsDzL4ymC2O6mi3I9/2

Windows taskbar: Type here to search, Taskbar icons, System tray: ENG, 00:35, 14-11-2019

FIREBASE AUTHENTICATION STORAGE FOR SECURED LOGIN VERIFICATION.