



**SMART INDIA
HACKATHON
2022**

Basic Details of the Team and Problem Statement

Ministry/Organization Name:-Government of Rajasthan .

PS Code:-TK1052

Problem Statement Title:-To Develop a system Electronically detecting Occupancy of beds in Hospitals.

Team Name:-Care Coders.

Team Leader Name:-Ujval Madhukar Borole.

Institute Code:-C-8977

Institute Name:-SSBT College of Engineering.

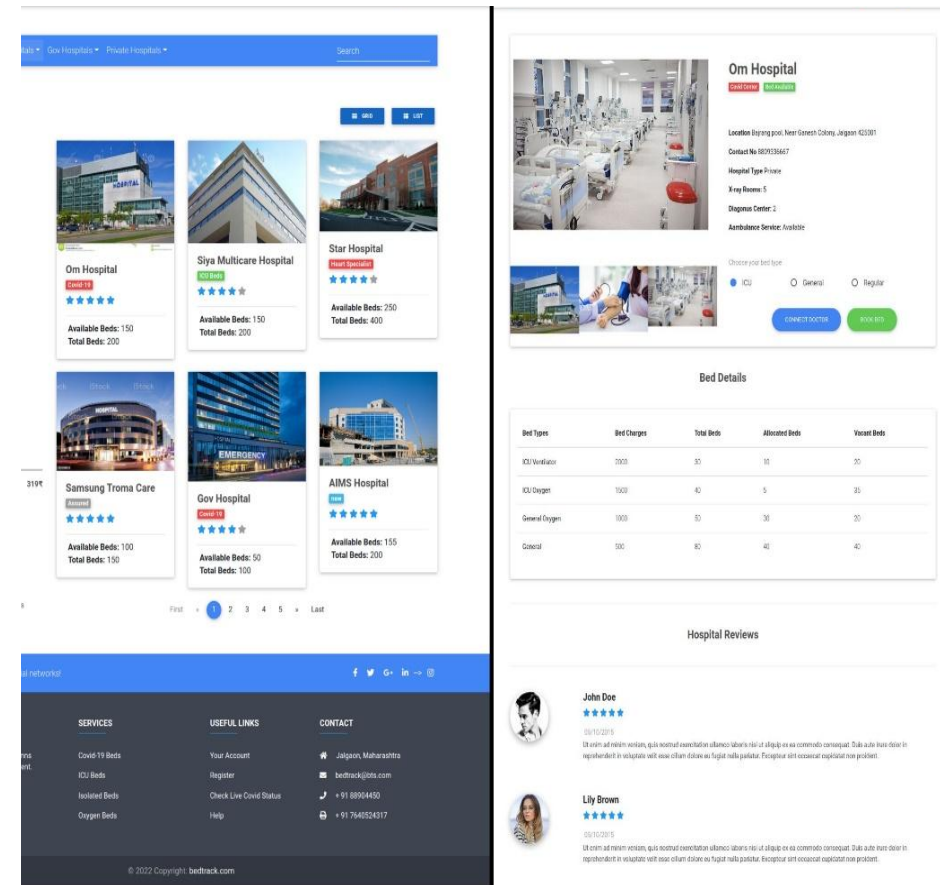
Theme Name:-Bed Tracking System.

Idea/Approach Details

Idea/Solution/Prototype here:

Bed Tracking System:-

- ❑ GOOGLE Firebase facility for automatically store data for any research use.
- ❑ Unique PRN ID Assigned to each Doctor.
- ❑ Admin Panel to verify registered Doctor and activating their Account and perform CRUD Operations.
- ❑ Patient Can see Total, Occupied, Vacant Beds and other details.
- ❑ Doctor Consultancy module will provide a service to consult a Doctor online.
- ❑ Bed will be allocated to the User only after prior approval doctor.
- ❑ Every Patient posses a Health ID Card.This will be useful for doctors to analyze patient previous Health record.
- ❑ Online Chabot Service.
- ❑ Reviews/Feedback from Patients.

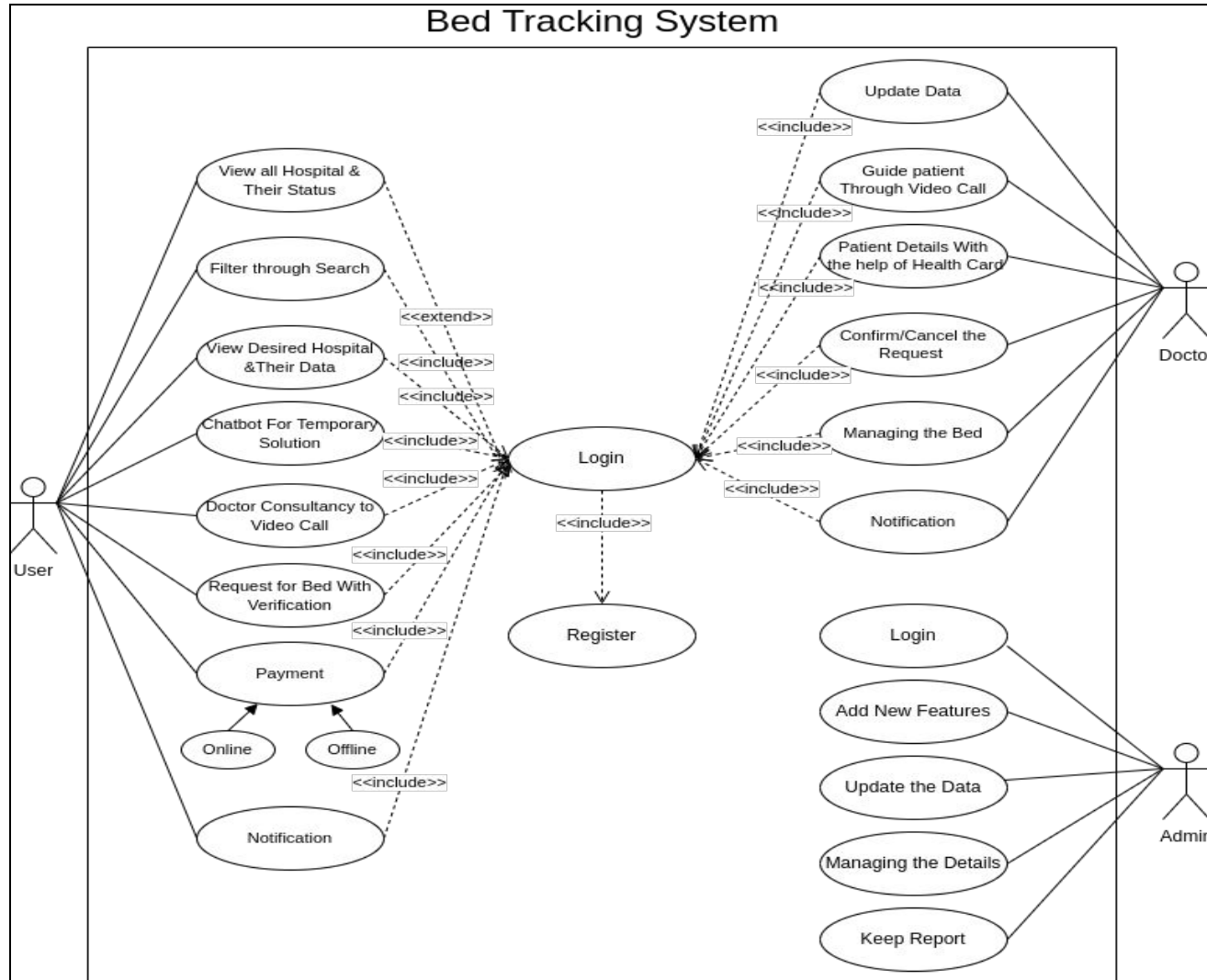


Technology stack here:

- MDBootstrap.
- JavaScript
- CSS
- HTML
- REACT.JS
- Python

Idea/Approach Details

Use Cases here:-



Dependencies:-

- VS Code.
- Theme Builder.
- Browser.
- MYSQL Database/Firebase.
- GIT.
- Python Environment.

Note:-1.In Diagram <<include>>This process is Compulsory.

2.In Diagram <<extend>>This process is Optional.

- Roles as a Patient, they have to register and later they search a suitable hospital and book bed with the help of Doctor Consultation.
- Roles as a Doctor, they have to first register and guide a patient through video call and approve/Reject the bed request.
- Roles as a Admin, for verifying and activating the account and perform the CRUD Operations.

Team Member Details

Team Leader Name:- Ujval Madhukar Borole.

Branch:-BE Stream:-CSE Year:-II

Team Member 1 Name:- Digambar Balu Chaudhari.

Branch:-BE Stream:-CSE Year:-II

Team Member 2 Name:- Ranapratapsingh Pravin Patil.

Branch:-BE Stream:-CSE Year:-II

Team Member 3 Name:- Nitin Bhaskar Rajput.

Branch:-BE Stream:-IT Year:-II

Team Member 4 Name:- Divya Sanjay Kasar.

Branch:-BE Stream:-CSE Year:-I

Team Member 5 Name:- Gaganjyotkaur Harjeetsingh Zalli.

Branch:-BE Stream:-CSE Year:-I

Team Mentor Name:- Pravin K. Patil .

Category:- Academic Expertise:- ML Domain:-AI Experience:- 7years