



SMART INDIA HACKATHON 2022

Ministry/Organization Name/Student Innovation: Ministry of Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa-Rigpa and Homoeopathy (AYUSH)

PS Code: DK735

Problem Statement Title: App for Ayush Services Availability

Team Name:Hendecagon

Team Leader Name: Abhinav Kumar Maurya

Institute Code (AISHE):U-0840

Institute Name: Indian Institute of Information Technology, Ranchi

Theme Name: MedTech/BioTech/HealthTech

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Team Member 5 Name: Harshit Singh Branch (Btech):Stream (CSE):Year (II)

Idea/Approach Details

Idea/Solution/Prototype:

- We are trying to create a single platform, from where users are able to find the nearest hospitals, so that they can decide wisely during their critical situations.
- We will provide necessary information of hospitals like treatments available, bed counts, ICU bed counts, Oxygen Cylinder counts.
- We also intend to implement features such as providing nearest and best hospital as per the specific requirements of the patient automatically to save time and effort.

Technology stack:

- Android App: Native Android Development(JAVA/KOTLIN).
- Web Backend: NodeJs, ExpressJs.
- Web Frontend: NextJs
- Database: MongoDB

Idea/Approach Details

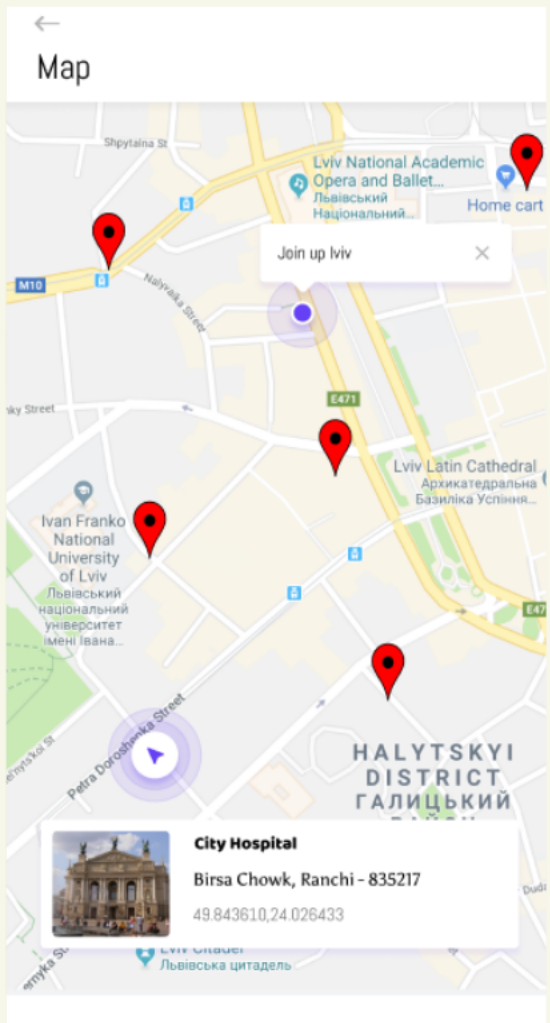
Use Cases:

- In case of an health emergency in a family, we need to compare different hospitals according to their availability vacant bed, treatments, ICUs and other requirement such as blood banks.
- In such case we need a fast, reliable and one stop platform to meet our demands.

Dependencies:

- Google API.
- Counting onto the Hospitals for providing the latest updates done on their side regarding the availability and other statistics on the app.
- MongoDB Database for storing data of different hospitals.

MIND MAP



APPLICATION USER
INTERFACE

