Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:
AICTE, MIC-Student Innovation

PS Code: SIH1495

Problem Statement Title: **Prohibition of mobile phones in several sectors or to keep in silent mode as per rule.**

Team Name: MOLB-1

Team Leader Name: M. Dinesh

Institute Code (AISHE): C-17920

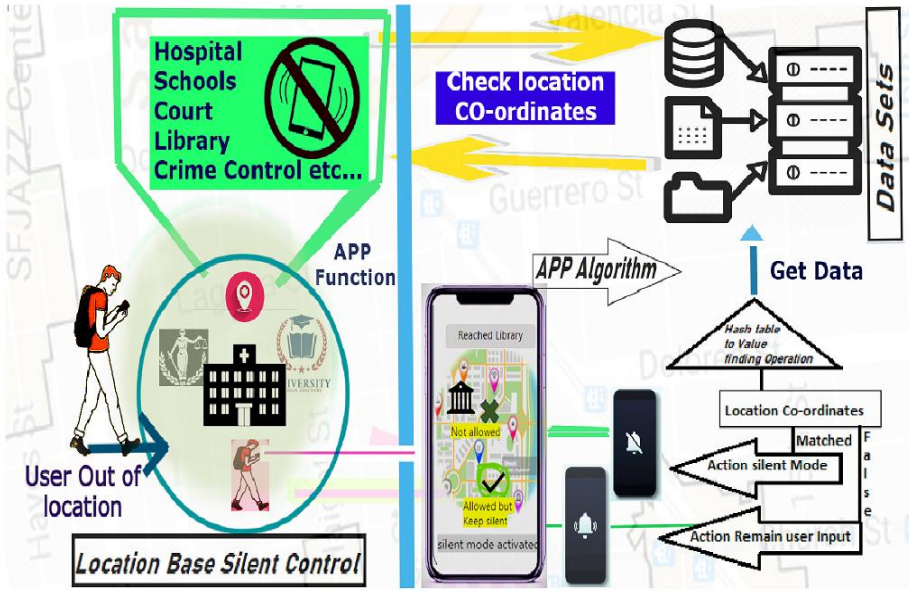
Institute Name: DNR College of Engineering and Technology.

Theme Name: Location Base Silent Control (LBSC)

Idea/Approach Details

Describe your idea/Solution/Prototype here:

- Implementation of LBSC to solve the problem of **Smart phone Off/Silent.** By recent Delhi high's court order.
- Advance Automation, self-Action, Make rules in Action.
- Best Option in Automation compare to existing Time-Base.
- Capability of work as a default system function existed.
- **To foster a peaceful, respectful, and safe environment, Automate to keep phone on silent or turn it off as required by these rules and conditions of the respected places.**
- **Makes life easy and respectful to rules and regulation.**



Describe your Technology stack here:

- React Native – Mobile Application
- Node.js & Express – Algorithm & LBSC logics
- React – UI/UX design
- React Navigation(*library*) – GPS services.
- Firebase/other - Cloud services.

Idea/Approach Details

Describe your Use Cases here

- **Educational institutes :** LBSC make it more active rule following rate by its smart-automation.
- **Hospitals & Other places :** It work on where phone need to be in silent as per Rules.
- **Stepping forward :** While LBSC clearing problem of smart phone Manual operation, it give a space in mind to replace with other task.
- **Low Network Area :** LBSC work almost perfectly to 99% even in a place of no network connection.
- In end, it mostly a best solution for recent (2023 Delhi) or even for the same order ("smart phone public volume – case") from UNICEF in 2021's orders.

Describe your Dependencies / Show stopper here

- **Cross-Platform :** Work perfect in Android or IOS. Even in future high chance to bring it into built in system to honor its need in daily life.
- **User-Friendly:** Easy to use and make a satisfied action to user in automation.
- **High secure:** As we see it only need user's permission to Control Volume and GPS services to match location datasets. So pure standalone algorithm.
- **Performance :** Delivers a satisfied outcome, and it's a very light application and highly Accurate Actions. Purely Automatic.
- **Stand Alone** : No-third party dependent.

Team Member Details

Team Leader Name: M.Dinesh

Branch (Btech/Mtech/PhD etc): **Btech** Stream (ECE, CSE etc): **CSM** Year (I,II,III,IV): **II**

Team Member 1 Name: A.Anusha

Branch (Btech/Mtech/PhD etc): **Btech** Stream (ECE, CSE etc): **CSM** Year (I,II,III,IV): **II**

Team Member 2 Name: S.Devi Sai Priya

Branch (Btech/Mtech/PhD etc): **Btech** Stream (ECE, CSE etc): **CSM** Year (I,II,III,IV): **II**

Team Member 3 Name: P. Vijay Kumar

Branch (Btech/Mtech/PhD etc): **Btech** Stream (ECE, CSE etc): **CSM** Year (I,II,III,IV): **II**

Team Member 4 Name: B.Harsha

Branch (Btech/Mtech/PhD etc): **Btech** Stream (ECE, CSE etc): **CSE** Year (I,II,III,IV): **II**

Team Member 5 Name: Sheik Mahaboob Subhani

Branch (Btech/Mtech/PhD etc): **Btech** Stream (ECE, CSE etc): **CSE** Year (I,II,III,IV): **II**

Team Mentor 1 Name: Naga Satish Aisethy

Category (Academic/Industry): **Academic** Expertise (AI/ML/Blockchain): **Web Development/Design** Domain Experience (in years): **10 Years**

Team Mentor 2 Name: k=KSR Prasad

Category (Academic/Industry): **Acedemic** Expertise (AI/ML/Blockchain etc): **ML** Domain Experience (in years): **5 Years**