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

Location Base Silent Control

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.**

➢ **Use to be partial AI while come to Aero-plane**
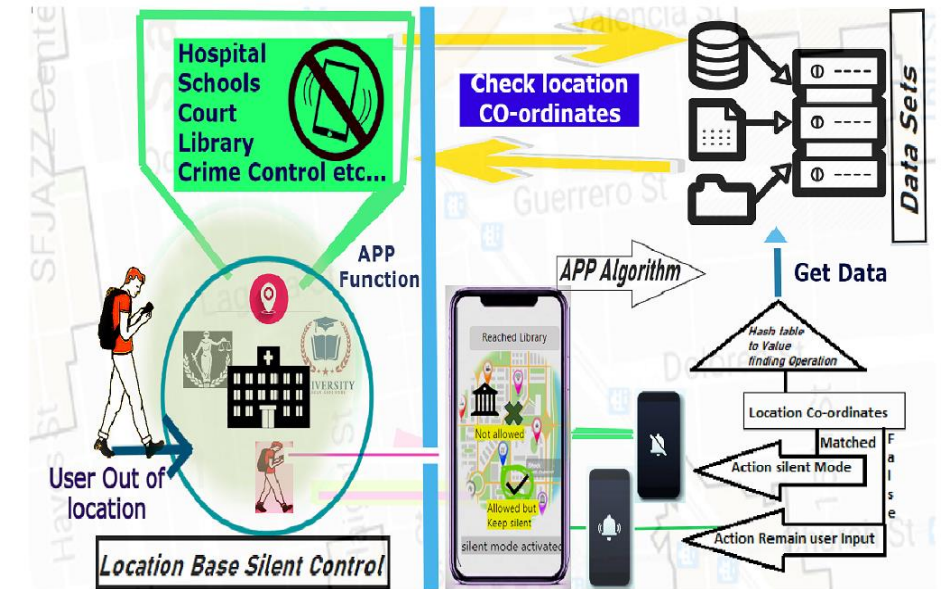
Describe your Technology stack here:

➢ 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. A partial data science.

➢ **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 Vardhan

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

Team Member 5 Name: Sheik Mehaboob 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: KSR Prasad

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