



PSID : 13

Problem Statement Title: Tool for monitoring ground personnel

Team Name : TRENDY BLITZ

Team Leader Name : Mithunkumar C

Institute Code (AISHE) :

**Institute Name : National Engineering College,
Kovilpatti ,TamilNadu**



IDEA

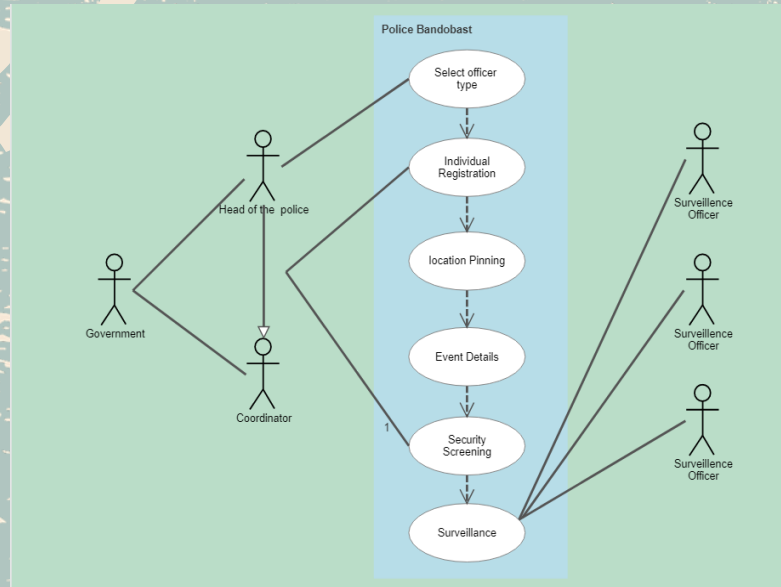
- MAG-D is the mobile application that uses GPS tracking system with advanced map facilities to keep track of the movements of the officers.
- It allows the supervisors to create a login account with their I'd number.
- The supervisors can add the officers who are working under them
- Hence, the GPS tracker is attached to the badges given to each officers in the bandobast.
- The app connects the individual's tracker to their phone and also it creates a database for each
- supervisor which has the details of the officers supervised by him/her...
- The app gets the latitude and longitude and loads the map of the place by connecting to the map provided in Google maps.
- Once the map of the place is displayed, the supervisor can place the location pointers in the location in which the officer need to perform duty and also enter the radius to which the officer can perform his/her tasks.
- When a police officer is out of the location pointers specified then the app alerts the supervisor that the officer is out of their duty area. Also alarm in the badge will be triggered when the device moves outside of a designated area and also when the battery is low.



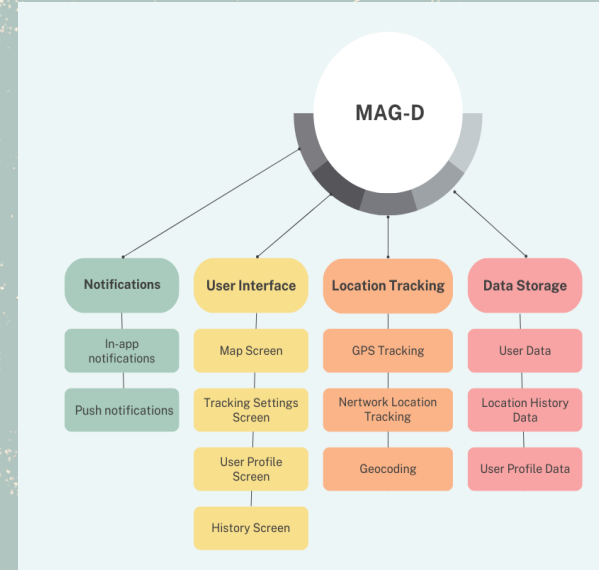
TECHNOLOGY STACK



USE CASE DIAGRAM



DEPENDENCY DIAGRAM



Team Member Details

Sr. No.	Name of Team Member	Branch	Stream	Year	Position in team (Team Leader, Front end Developer, Back end Developer, Full Stack, Data base management etc.)
1.	Mithunkumar C	BE	CSE	II	Team Leader
2	Dinesh S	BE	CSE	II	Designing
3	Guru Varshini B	BE	CSE	II	Data base management
4	Dhinesh Karthick V	BE	CSE	II	Front end developer
5	Abivarman G	BE	CSE	II	Data analyst
6	Dimple Abirami S	BE	CSE	II	Full Stack

Team Mentor/s Details

Sr. No.	Name of Mentor	Category	Expertise	Domain Experience
1.				
2.				