

TEAM
6

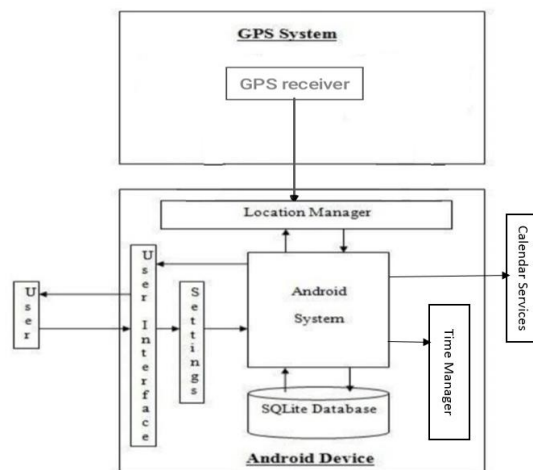
SMART SOUND SWITCH

Abstract: Smart Sound Switch is a mobile application which mainly focuses on the automation of sound mode switching based on locations when a call is received. There are places like temples, churches, mosques, public meetings (assembly, parliament), hospitals, funeral grounds, theatres, your workplace, schools, colleges, where it is a basic mobile etiquette of smartphone user to keep the mobile phones in silent mode rather than put in awkward situations because of our ignorance and overlook. To support all the users on sound mode management, we have come up with an innovative solution to control sound mode switching. On the reception of a call, the location of the user and the date and time is checked against the settings of the user and the mode is switched automatically as per the preferences set. The application includes features such as selective inclusions/exclusions of their point of interest, forced sound mode resetting when multiple calls are received and for events that are stored in Google/Outlook calendar. The technology stack used is Android Studio and Google places (API).

Modules

- System module
- Location module
- Date and Time module
- Profile Changer module
- Logs

Architecture



Tools and Technologies

- Android Studio
- GPS / Google Places
- Calendar Services

Conclusion and Future Scope

Our project is only a humble tenure to satisfy the needs to project work. Several, user friendly coding have also been adopted. In a nutshell, it can be summarized that the future scope of our project circles around the following points:

- Work on location based services along with forced sound mode resetting automatically.
- Interactive calendar (Alerting the event details based on user's location).

Guide

Dr. Aruna Rao S.L
Professor & HoD
Arunarao.sl@bvrithyderabad.edu.in

Team



16WH1A1207
B. Manisha



16WH1A1219
G. Samskruthi



16WH1A1225
G. Madhavi



16WH1A1259
U. Bhavani