ITSP 2016

Project title:

Speech Control App

Team Name:

The GreyCoders

Description:

An app that uses speech recognition function to control the activities in other apps like we can use speech to Book tickets in Book My Show app, Search profiles in Facebook and many more…

We are planning to use either Google (maybe offline) speech recognition or PocketSphinx speech recognition (recognizes continuous speech) to open other apps while this app will be running in the background (Android Speech Recognition as a service on Android 4.1 & 4.2) by making speech recognition as a service and constantly recording the speech to operate other apps.

Inspiration:

http://techcrunch.com/2013/10/28/voicesphere-brings-voice-control-to-facebook-instagram-others-enterprise-apps-coming-next/

Motivation:

While using apps such as facebook, we felt the need for such an app which directly takes speech input. Also we wanted to learn android app development as we are coding enthu junta.

Timeline:

May 5 – 11: Learn Java and Android studio

May 12 – 13: Make small apps to test our knowledge

May 14 – 18: Start developing the basic structure of App

May 19 – 25: Start creating the database for the commands for some basic apps

May 26 – June 10: Debugging and resolving other pains, and/or adding more databases for more apps if we finish early

Funding:

No funding required.

Learning Aspects:

1. Java
2. Android SDK
3. Working with APIs