

Title: Personalised Voice assistant android app

Objective:

1. To understand the speech to text and text to speech.
2. To understand the android app development using MIT app inventor.
3. To design and develop the HCI applications using the guidelines.

Read the voice command and take some actions. For example,
voice 1. Good Morning: tell the weather. read the news. read calendar schedule. read todo list.
voice 2. Good night: some actions
voice 3. I am on commute: some actions
voice 4. some voice: some actions

These actions should be narrated with voice (Text to speech). There should be at least 4 voice commands and 10 actions.

Evaluation criteria.

1. Completion (working module without errors) of the project: 2 marks
2. How well you have exposed the functionalities which meet the objectives: 2 marks
3. Innovation (design/methodology/features): 2 marks
4. GUI: 2 marks
5. Overall: 2 marks

Outcomes:

1. Understand android application development and MIT app inventor
2. How to evaluate or justify the project with HCI.

References:

1. https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwiGuYr12YbuAhX8xjgGHRYhCZwQFjAAegQIAhAC&url=https%3A%2F%2Fappinventor.mit.edu%2Fexplore%2Fsites%2Fall%2Ffiles%2Fhourofcode%2FTalkToMePart1.pdf&usg=AOvVaw3rGFJjby_U41-5f16-70Y-
2. <https://www.youtube.com/watch?v=49HbI2rPJD8>