

Meeting 4

Date: 29/08/2018

Participants:

- Supervisor - Dr Asef Nazari
- Shadow Supervisor - Dr Shamsul Huda
- Team Lead - Akhil Peddineni
- Product owner - Tharini Hasara Manawadu De Silva
- Designer - Sushma Devabattini
- Frontend Developer 1 - Modi Parth Dinesh
- Frontend Developer 2 - Kunal Dhariwal
- Backend Developer - Predit Regmi

Agenda:

- Point of Discussion 1: Discuss about What happened so far.
- Point of Discussion 4: Discuss about Current state of the project.
- Point of Discussion 5: Discuss about Task Distribution.
- Point of Discussion 6: Discuss about Future project goals and directions.
- Point of Discussion 7: Discuss about the date of the next meeting.

Minutes:

1. What happened so far
 - a. Visited the industrial partner and Gather the their requirements
 - b. Collected hardware resources from Client
 - c. Gathered some data related to requirements.
 - d. Documenting requirements (Project scope doc, Project Diary Doc, IP agreement, Web site designing, PPT, Sprint increment)
 - e. Web site designing which contains project details.
 - f. Working on Raspberry Pi Google AIY Voice Kit
 - g. Configure Raspberry Pi Google AIY Voice Kit to perform it's basic functionalities.
2. Current state of the project.
 - a. The current status of the data Gathering
 - i. Checking for collected data whether it is relevance and sufficient.
 - ii. Collecting more data
 - iii. Format data according to needs
 - b. Current status of Building the text analysis algorithm.
 - i. Working on SVM classification.
 - ii. Find keywords from the question
 - iii. Omit regular words like is, was, am, a, an from the question.
 - c. Current status Using google API for speech recognition

- i. Working on speech-to-text google API
 - ii. Speech-to-text google API is not free, so suggested to communicate with Dr Shamsul for proper API which is free.
- d. Current status of Raspberry PI google voice kit.
 - i. Voice toolkit is performing its functions for basic questions related to agriculture.

3. Task Distribution.

Task distribution as follows,

Data Processing (Akhil and Sushma)

- 1. Gather Data
- 2. Checking data whether it is appropriate or not
- 3. Data is sufficient or not
- 4. Remove noisy data and prepare data ready to use

Text Analysis (Parth and Kunal)

- 1. Generating algorithm for finding in keywords
- 2. Check whether the algorithm is working for the data

Speech Analysis (Tharini)

- 1. Use google API for speech recognition
- 2. Convert speech to text
- 3. Convert text to Speech

Connect Chat-bot with the Data and google API (Predit)

4. Future project goals and directions.

- a. Discussed about whether the group can achieve the client requirements and group have much confident to provide a working solution to the client.
- b. Discussed about the feasible date to end the project and the group confirmed to finish the final deliverable at the end of week 10.
- c. Discussed about the performance about the final deliverable and group confirmed to answer at least predefined 20 questions.

5. Next meeting.

Next Meeting will be held on 5th September 2018 at 3.30 to 4.30 p.m.