

Meeting

Date: 05/09/2018

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 from last week.
- Point of Discussion 4: Discuss about current state of the project.
- Point of Discussion 5: Discuss about each group member's roles and work.
- Point of Discussion 6: Discuss about the project progress.
- Point of Discussion 7: Discuss about Future project goals and directions.
- Point of Discussion 8: Discuss about the date of the next meeting.

Minutes:

1. What happened in last week
 - a. Collected all food related data that meets client requirements.
 - b. Documenting requirements (Project scope doc, Project Diary Doc, IP agreement, Website designing, PPT, Sprint increment)
 - c. Web site designing which contains project details.
 - d. Worked on Raspberry Pi Google AIY Voice Kit
 - e. Configuring Raspberry Pi Google AIY Voice Kit to run basic functionalities.
2. Current state of the project.
 - a. The current status of the data collection and processing:
 - I. Collected more relevant data.
 - II. Removing noisy data
 - b. Current status of Building the text analysis algorithm.
 - I. Working on SVM classification.
 - II. Working on a different approach for text analysis.
 - III. Working on keyword based search method.
 - IV. Eliminating common words – is, am ,a ,an etc
 - V. Connecting speech to text algorithm.
 - c. Current status for speech recognition.
 - I. Working on speech-to-text analysis.
 - II. Utilizing python as programming language.
 - III. Found an alternative API to google API to work on Speech-to-text analysis.
 - IV. Making modifications in work.
 - d. Current status of Raspberry PI google voice kit.
 - I. Configured the Raspberry pi google voice kit.
 - II. Voice kit is able to give responses on agriculture related data.

1. Task Distribution.

Task distribution as follows,

Data Processing (Akhil and Sushma)

1. Data Collection.
2. Iteration for appropriate data.
3. Remove noisy data.

Future work:

- I. Decomposing the collected data.
- II. Classification and categorization of data. – food, crop, calories, fruits, vegetables etc.
- III. Framing questions for responses.

Text Analysis (Parth and Kunal)

1. Generating algorithm for finding in keywords.
2. Check whether the algorithm is working for the data.
3. Connecting speech to text algorithm.

Future work:

- I. To help to predict's approach.
- II. To work on the alternative approach.

Speech Analysis (Tharini)

1. Using alternative API for speech recognition
2. Convert speech to text
3. Convert text to Speech

Future work:

- I. Work on the alternative approach to speech-text programming and algorithms.
- II. Further modification to current work.

Configuration (Predit)

1. Connect Chat-bot with google API.
2. Configure data to the Chat-bot.

Future work:

- I. Resolve problems being faced.
- II. Work on solutions to current challenges.

2. Future project goals and directions.

- I. Discussed about how far the group can meet client requirements and confidence level of group in building a solution to the problem
- II. Discussed about the feasible solutions to challenges facing in the process of achieving the target goal (individually and as a group).
- III. Discussed about the performance of the final deliverable and estimated percentage of work completion.

Feedback:

1. Good Progress in work from last week.
2. Good Presentation.
3. Suggestions and advices.
4. Good webpage design.

Suggestions:

1. Check with client regarding copy rights and necessary licences.
2. Work on resolving challenges and difficulties in project work.
3. Add more content/information in webpage.
4. Team members to help each other in achieving target goals.

Next meeting.

Next Meeting will be held on 12th September 2018 at 3.30 to 4.30 p.m.