Meeting 1.

Meeting Attendees: All group members present.

April 28, 2023 10:30 A.M.

(Main Items covered in Meeting)

1. Clarification of the main objective and purpose of the project.
2. Target Operating System: Android (initially Android simulator for Windows on PC would be used)
3. Review of software tools that would be applied in the project.

-Tools

-Python 3.7 for overall logic

-Python NLP LIbrary

-Flatter software for generating Android Apps

-Kiwi software for connecting Android with Python Code

-Database

Either MySql or Mongo DB (to be finalized)

1. Main Functionalities of project

-Text summarization

-Extraction

-Abstraction

-Mannual Cross-Referencing for all occurrences of significant common nouns and proper nouns.

-Three levels for summarization:

-Shortened -Normal -Detailed

-Support for up to 5 versions for each document.

TASKS ASSIGNED.

2020-SE-165: Determine the specifics of the project and manage tasks performed by other members.

2020-SE-154: Expand on and mention the overall functionalities of the project.

2020-SE-176: Explore and select the database software to be used for the project.

2020-SE-218: Explore the functional aspects of other tools to be used.

Next Meeting Date: May 25, 2023

Meetings 2 and 3 were managed by Ms. Sonia Aslam (Co-supervisor)

Meeting 2

Date:25th May,2023

Purpose Of Meeting

To give more task related to research work and get updates on previously assigned task.

Meeting 3

Date:15th June, 2023

Purpose of Meeting

Previously assigned task updates and Assign task for the preparation of SRS report

Next meeting Date

17th july,2023

Meeting 4

(INFORMATION TO BE FILLED IN)

Meeting 5

Date: July 20, 2023 Time: 1:00 P.M.

Meeting Attendees: All group members present.

(Main Items covered in Meeting)

1. NLP library would be installed and used in Python.
2. NLP library has a subsidiary library named NLTK which has to be installed separately.
3. Purpose of NLTK is to tokenize the text in the form of words. However, NLTK does not shown any token on screen.

Mainly, the following functions/functionalities of NLTK are utilized:

1. Stemming: this functionality generates tokens but without any checks. It can only be used for testing a model.
2. Lemmitization: this functionality generates tokens but also performs checks grammar.
3. Stopwords: It preprocesses words and performs checks such as guarding against duplicates. It effectively performs refactoring.

Database use:

The Firebase database is to be used. However, no work in this regard has progressed yet.

Tasks done:

Imad (176) and Ahsan (218): Have constructed the stemming model.

Zejah (154) and Muzammil (165) (Group Leader): Have constructed the lemmatization model.

Tasks assigned:

Imad (176) and Ahsan (218): Testing and validation of the stemming model.

Zejah (154) and Muzammil (165) (Group Leader): Testing and validation of the lemmitization model.

Next meeting: October 20, 2023.

Meeting 6

Date: October 5, 2023 Time: 1:00 P.M.

Meeting Attendees: All group members present.

(Main Items covered in Meeting)

1. Utilization of Libraries in NLP Tool for Python:
2. nltp
3. stop words
4. tokenization
5. beautyforu
6. Frontend (almost Completed)

The following items were constructed with Flutter:

1. Login page.
2. Registration page
3. Flash screen
4. Main page
5. Summarization page
6. Profile page
7. Backend (Database)

Name of database: Firecloud

Items saved in database:

Email address and password for each user profile.

Above information shown in profile.

Document also to be saved in profile (up to 200 MB)

Next meeting: Due to retirement of Project Supervisor from job, future meetings would be scheduled and managed by Co-supervisor Ms. Sonish Aslam.