The **week5** MCI Project group meeting will be held via zoom **at 7:00 pm on Saturday 1st April 2023**

Chair: Guochang Chen
Members: Qingyan Yang, Lize Chen, Yanlin Du

Apologies： None.

1. Presentation of the Last Meeting

The team discussed what tasks had been done last week. There was a written report due this week, our priority during the week is writing the business reports and Draft plans. We also conduct more discussions on project progression checks.

2. Approval of minutes from the previous meeting

The minutes from the previous meeting were reviewed and approved without objection.

3. Individual Accomplishments Reports

3.1 LizeChen

- Participated in a team meeting to discuss the progress of the Code Converter project and share updates on individual tasks.

- Attended the lecture of the MCI project.

- Worked on writing a Business Case.

- Completed own section of the Business Case, incorporating revisions to the complete Business Case and Draft Plan.

- Attended the MCI project Seminar.

- Discovered Code Mirror and studied how to apply it to the front end.

- Studied Flexbox.

- Participated in a team meeting to review the progress of the week and summarize individual tasks.

3.2 Qingyan Yang

- Participated in Monday lecture and Group meeting

- Done communication plan in draft plan assisted to revise business case and draft plan

- Participated Q&A of pitch presentation studied Python Django Back-end deployment and done most part of framework

3.3 Yanlin Du

- Participated in weekly sessions

- Read lecture materials and read tutorial materials

- Write the business case and draft plan, review others' parts

- Learned Bootstrap and CSS, searched for plugins for the project and found an Extensible Code Editor called CodeMirror

3.4 Guochang Chen

- Study java2Py package

- Django middleware for python object to JSON format data

- Designed routes for API call

- Pitch QA and Business Case report

4. Discussion on the Milestone report

We discussed a relatively detailed timeline for the next three weeks on code implementation for both the front end and back end. We determine these weeks to be a heavy programming-oriented time.

For the front end, the primary task is to implement the code editor where users can live code. This might need a trial-error procedure to test the feature. Respectively for the back end, the most significant job is to adapt open-source packages to convert code. This process would be highly dependent on the capacity of available open source. Once the converter is considered to have decent performance, we will use Django to set up a server.

5. Action items

Guochang Chen assigned the tasks for the next three weeks regarding code implementation. Every team member needs to complete the weekly task required task. Since the next three weeks will be heavy coding involved, the team will conduct code reviews at least once every week.

7. Next steps

The team starts coding implementation on core features of our project