

COMP208 Group Software Project

Team 18 Meeting Minute (Week 4)

Meeting held on Wednesday, 19 February, 2025 at 15:30 in the Harold Cohen Library

Present	
Chair:	Ruiying Ma (RM)
Secretary:	Yuzhong Chen (YC)
Participant:	Enbo Sun (ES), Kaijie Yang (KY), Tianyuan Tan (TT), Yangle Liu (YL)

1. Apologies

No apologies. All team members were present in this meeting.

2. Approval of Minutes of Last Meeting

Team briefly read the last meeting's minutes and agreed that it was a true and accurate reflection of the previous meeting.

3. Agenda / Matters Arising

- GitHub Repository Issues Discussion (Item 4)
- Backend Development Discussion (Item 5)
- Frontend Development Discussion (Item 6)
- Demo Documentation Discussion (Item 7)
- Work Distribution for Next Sprint (Item 8)

4. GitHub Repository Issues Discussion

Kaijie Yang (KY) pointed out that there were some issues with GitHub version control. Specifically, several errors occurred when attempting to merge the active branches created by team members into the *main* branch. Enbo Sun (ES) and Ruiying Ma (RM) discussed and tested on this issue, and the current solution was:

```
git pull new_branch; git add modified_files; git commit; git push; git checkout main; git merge new_branch; apply and approve the pull request on GitHub page.
```

5. Backend Development Discussion

- Database Development: Create tables to collect job position information (YL);
- Page Navigation Logic Redesign: Kaijie Yang (KY) suggested that using the login page as the homepage felt somehow dull, preferred having a popular job listing page as the homepage instead; team members agreed with his idea, and Yangle Liu (YL) implemented such function that when user clicks any button on the homepage, they will be directed to login page;

- Resume Processing Implementation: Implement such feature that allows users to upload resumes in PDF format, converts them to text, and stores the extracted content in the user's database (**TT**);
- AI Function Development: Yuzhong Chen (**YC**) demonstrated the local AI test to the team, but due to the model size limitation, the team unanimously agreed that the results were unsatisfactory;

6. Frontend Development Discussion

- Yangle Liu (**YL**) presented the frontend page for job listing, retrieving data from the database;
- Kaijie Yang (**KY**) added several display boxes for popular job positions on the homepage.

7. Demo Documentation Discussion

Team members discussed the next assignment “Demo Documentation CA1”, and proposed several deployment methods for the demonstration:

- Rent a server and domain to provide a stable web link (**YC, YL**);
- Deploy on the departmental disk space and configure all necessary settings (**KY, ES**);
- A detailed instruction to guide the marker to download and deploy the system locally from GitHub (**RM, TT**).

Team members decided to arrange a meeting with project monitor next week to discuss this issue and seek for opinions.

8. Work Distribution for Next Sprint

- Ruiying Ma and Enbo Sun will help with the database development, and attempt to deploy the current system to the departmental disk space to test the feasibility;
- Tianyuan Tan and Kaijie Yang will design the frontend resume upload interface, and test the dataflow between the frontend and backend;
- Yangle Liu will develop the job filtering algorithm, and add a filtering box to the job listing page;
- Yuzhong Chen will experiment on several AI APIs, and implement basic prompt engineering on processing resume.

9. Next Meeting

The next meeting is scheduled for Wednesday, 26th February 2025, at 15:00 in Harold Cohen Library.