Team 7 – Sprint 3 Planning Document

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Sprint Overview

During this sprint, our team aims at integrating all parts of the application together and make sure that all these parts communicate with each other with no interference. The front end and the back end will be linked to the algorithm and pipeline, which will also be tested thoroughly before and after the integration takes place. Alongside the integration, the user interface of the application will also be improved.

Scrum master: Ashvin Lohiya

Meeting Plan:

Monday/Wednesday/Friday 11:30am - 12:30 pm | During the CS 307 class block

Risks and Challenges:

This is the final sprint, and therefore will be about integrating all the independently coded parts (front-end, back-end, and algorithm) to create a complete application satisfying all the criteria which were laid down in the beginning. Testing will be crucial, both before and after the integration to make sure that nothing breaks after all the code has been merged. Making test runs, and considering extreme cases will be crucial, in order to ensure that our system is robust and doesn't break down under dynamically changing conditions.

Current Sprint Detail

User Story #1

As a student, I would like to login using mypurdue credentials.

#	Task Description	Estimated Time	Owner
1	Implement the ability to see the login prompt on the front end.	6 hrs	Palina Rawat
2	Implement the ability to handle login on back end	7 hrs	Akshat Goyal
3	Implement the algorithm to support this	7 hrs	Sidhant Chadda
4	Handle the database for storing students	5 hrs	Shubhang Kulkarni

Acceptance Criteria:

- Given that the user enters his/her valid purdue username and password, load the user's information and log him/her into the system
- Given that the user enters invalid credentials, prompt the user to re-enter correct credentials.

User Story #2

As a student, I would like to be able to see my current meeting schedule.

#	Task Description	Estimated Time	Owner
1	Implement the ability to see each company on front end	6 hrs	Ashvin Lohiya
2	Implement the ability to see each company on back end	4 hrs	Aakash Keswani
3	Implement the algorithm to support this	7 hrs	Shubhang Kulkarni

4	Handle the database for retrieving the company profiles	5 hrs	Akshat Goyal

Acceptance Criteria:

- Given that the user has logged in as a student and selected company preferences, load his/her current meeting schedule from the database and display them to the user.

User Story #3

As a student, I would like to be able to cancel my meeting appointment.

#	Task Description	Estimated Time	Owner
1	Implement the ability to cancel meetings on front end	8 hrs	Palina Rawat
2	Implement the ability to cancel meetings on back end	7 hrs	Sidhant Chadda
3	Implement the algorithm to support this	7 hrs	Akshat Goyal
4	Handle the database for cancellation.	5 hrs	Shubhang Kulkarni

Acceptance Criteria:

- Given that a student removes a company from his preference list, dequeue the student from the appropriate company queue
- Given that a student is dequeued from the company queue, remove the company from the student's current schedule in the database
- Given that a student removes a company from his current schedule, move up other company preferences as necessary.

User Story #4

As a student, I would like to be able to get an estimate of the wait times in different queues.

#	Task Description	Estimated Time	Owner

1	Implement the ability to display wait times on front end	8 hrs	Ashvin Lohiya
2	Implement the ability to display wait times on back end	7 hrs	Aakash Keswani
3	Implement the algorithm to support this	7 hrs	Shubhang Kulkarni
4	Handle the database for fetching companies.	5 hrs	Akshat Goyal

Acceptance Criteria:

- Given that the student has enqueued himself/herself in various company queues, calculate and display the estimated wait time for the student in the queues as necessary.

User Story #5

As a recruiter, I would like to be able to see the queue of students.

#	**Task Description**	**Estimated Time**	**Owner**
1	Implement the ability to see queue on front end	8 hrs	Palina Rawat
2	Implement the ability to see queue on back end	8 hrs	Sidhant Chadda
3	Implement the algorithm to support this	6 hrs	Akshat Goyal
4	Handle the database for retrieving students	6 hrs	Shubhang Kulkarni

Acceptance Criteria:

- Given that a user logs in as a recruiter, retrieve the students enqueued in the company's first preference queue and display the students.
- Given that the queue changes due to addition and removal of students, display the updated queue to the recruiter

User Story #6

As a recruiter, I would like to be able to dequeue students.

#	Task Description	Estimated Time	Owner
1	Implement the ability to dequeue students on front end.	7 hrs	Ashvin Lohiya
2	Implement the ability to dequeue students on back end.	7 hrs	Aakash Keswani
3	Implement the algorithm to support this.	8 hrs	Palina Rawat
4	Handle the database for retrieving students.	6 hrs	Ashvin Lohiya

Acceptance Criteria:

- Given that the recruiter completes interaction with the student, he/she can remove the student from the company queue by dequeuing the student.
- Given that the dequeue takes place, an updated queue must be displayed to the recruiter
- Given that the dequeue takes place, the student positions in other company queues must change.

User Story #7

As a recruiter, I would like to be able to mark certain students.

#	Task Description	Estimated Time	Owner
1	Implement the ability to mark students on front end	6 hrs	Aakash Keswani
2	Implement the ability to mark students on back end	8 hrs	Sidhant Chadda
3	Implement the algorithm to support this	3 hrs	Ashvin Lohiya

4	Handle the database for retrieving students	6 hrs	Aakash Keswani

Acceptance Criteria:

- Given that a student is in the first preference queue of a company, the recruiting user can schedule the student by marking the student in this queue.
- Given that a student is marked, he cannot be pipelined in other company queues

User Stories

1. ~~As a user, I would like to be prompted if I'm a student or a recruiter.~~
2. As a student, I would like to login using mypurdue credentials.
3. ~~As a student, I would like to be able to see the list of all the companies.~~
4. ~~As a student, I would like to be able to see each company's profile~~
5. ~~As a student, I would like to be able to filter companies based on my class standing.~~
6. ~~As a student, I would like to be able to filter companies based on my major.~~
7. ~~As a student, I would like to be able to upload my own resume.~~
8. ~~As a student, I would like to rank the companies by preference.~~
9. As a student, I would like to be able to see my current meeting schedule.
10. As a student, I would like to be able to cancel my meeting appointment.
11. ~~As a student, I would like to be able to edit my profile.~~
12. ~~As a student, I would like to be able to filter companies based on internship or full-time opportunity.~~
13. ~~As a student, I would like to be able to filter companies based on visa requirements.~~
14. As a student, I would like to be able to get an estimate of the wait times in different queues.
15. ~~As a recruiter, I would like to be able to put my company's login credential in the system.~~
16. ~~As a recruiter, I would like to login into to the scheduling system.~~
17. As a recruiter, I would like to be able to see the queue of students.
18. ~~As a recruiter, I would like to be able to upload my company profile.~~
19. ~~As a recruiter, I would like to be able to edit my company's profile.~~
20. As a recruiter, I would like to be able to dequeue students.
21. ~~As a recruiter I would like to be able to see the resume of the student.~~
22. ~~As a recruiter, I would like to be able to choose the time estimate for talking to a student.~~
23. As a recruiter, I would like to be able to mark certain students.