



Team 7 – Sprint 1 Planning Document

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Sprint Overview

During this sprint, our team aims to get the main functionality of the application working. MyPQue is, in essence, a scheduling app, and while we have functioning front-end and back-end from the last sprint, this sprint will be mainly about linking the two together via the scheduling algorithm. The algorithm itself is divided into parts as follows:

- a. Student-side
- b. Company-side
- c. Pipeline optimization

Our team will begin working on all these divisions of the algorithm, along with its integration with the current functioning application. The algorithm's functionality and integration will be tested against various test cases that the team will create as according to the desired behavior. Furthermore, the front-end division will continue to develop the user interface.

Scrum master: Ashvin Lohiya

Meeting Plan:

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

Risks and Challenges:

This sprint is the bridge between our product skeleton, to a working, finished product. Any issues in the integration, coding, or even logic of the algorithm could put our team at a serious setback for the last sprint. 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. Documentation is very important so that team knows at what stage the algorithm development is at.

Current Sprint Detail

User Story #1

As a student, I would like to be able to see the list of all the companies.

#	Task Description	Estimated Time	Owner
1	Implement the ability to see the list of all the companies on front end	6 hrs	Palina Rawat
2	Implement the ability to see the list of all the companies on back end	7 hrs	Sidhant Chadda
3	Implement the algorithm to support this	7 hrs	Akshat Goyal
4	Handle the database for retrieving companies	5 hrs	Shubhang Kulkarni

Acceptance Criteria:

- Given that the user's input is recorded successfully, List the companies sorted alphabetically.
- Given that the user successfully see's the list of companies, let the user see the company's description and wait time for interviewing with the company.

User Story #2

As a student, I would like to be able to see each company's profile

#	Task Description	Estimated Time	Owner
1	Implement the ability to see each company's profile on front end	6 hrs	Ashvin Lohiya
2	Implement the ability to see each company's profile 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
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Acceptance Criteria:

- Given that the user requests a company profile, retrieve the appropriate company's profile from the database and display it to the user.
- Given that the user requests to see the company's profile list all the details of the company.

User Story #3

As a student, I would like to be able to filter companies based on my class standing.

#	Task Description	Estimated Time	Owner
1	Implement the ability to filter the companies based on class standing on front end	8 hrs	Palina Rawat
2	Implement the ability to filter the companies based on class standing on back end	7 hrs	Sidhant Chadda
3	Implement the algorithm to support this	7 hrs	Akshat Goyal
4	Handle the database for filtering	5 hrs	Shubhang Kulkarni

Acceptance Criteria:

- Given that the filtration takes place, retrieve the appropriate companies on the database
- Given that the retrieval takes place, display the filtered companies on the user interface of the application.
- Student is able to filter companies based on class standing

User Story #4

As a student, I would like to be able to filter companies based on my major.

#	Task Description	Estimated Time	Owner
1	Implement the ability to filter the companies based on major on front end	8 hrs	Ashvin Lohiya
2	Implement the ability to filter the companies based on major on back end	7 hrs	Aakash Keswani
3	Implement the algorithm to support this	7 hrs	Shubhang Kulkarni
4	Handle the database for filtering	5 hrs	Akshat Goyal

Acceptance Criteria:

- Given that the filtration takes place, retrieve the appropriate companies on the database
- Given that the retrieval takes place, display the filtered companies on the user interface of the application.
- Student is able to filter companies based on major.

User Story #5

As a student, I would like to rank the companies by preference.

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

Acceptance Criteria:

- Within a student's shortlist of companies let the student order the companies in order of preference to interview.
- Once the student lists the companies, add them to the appropriate queues of each company.
- Let the user change his order of preference and make the required changes to the individual company queues.

User Story #6

As a student, I would like to be able to filter companies based on internship or full time opportunity.

#	Task Description	Estimated Time	Owner
1	Implement the ability to filter companies based on internship or full time opportunity on front end.	7 hrs	Ashvin Lohiya
2	Implement the ability to filter companies based on internship or full time opportunity on back end.	7 hrs	Aakash Keswani
3	Implement the algorithm to support this.	8 hrs	Palina Rawat
4	Handle the database for retrieving companies.	6 hrs	Ashvin Lohiya

Acceptance Criteria:

- Given that the filtration takes place, retrieve the appropriate companies on the database.
- Given that the retrieval takes place, display the filtered companies on the user interface of the application.
- Student is able to filter companies based on internship / full time hiring.

User Story #7

As a student, I would like to be able to filter companies based on visa requirements.

#	Task Description	Estimated Time	Owner
1	Implement the ability to filter companies based in visa requirement on front end	6 hrs	Aakash Keswani
2	Implement the ability to filter companies based in visa requirement on back end	8 hrs	Sidhant Chadda
3	Implement the algorithm to support this	3 hrs	Ashvin Lohiya
4	Handle the database for retrieving companies	6 hrs	Aakash Keswani

Acceptance Criteria:

- Given that the filtration takes place, retrieve the appropriate companies on the database
- Given that the retrieval takes place, display the filtered companies on the user interface of the application.
- Student is able to filter companies based on visa requirements of the company.

User Story #8

As a recruiter I would like to be able to see the resume of the student.

#	Task Description	Estimated Time	Owner
1	Implement the ability for recruiters to see student's resume on web client	0 hrs	
2	Implement the ability to retrieve and present the resume to the recruiter	0 hrs	

Acceptance Criteria:

- Given that the user (recruiter) requests to see their student feed. User is presented with a list of student profiles.
- Given that the user (recruiter) clicks on a student profile. User is presented with more information about the user as well as their resume.

- Given that the user (recruiter) clicks the download button on a student's resume. The user is given their resume in a pdf format.

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.