20 January 2017 **Project Charter** Team 7

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Problem Statement:

Currently in career fairs, companies have long lines of students wanting to talk to them. Students attending career fairs spend most of their time standing in these lines rather than networking and talking to potential employers. While scheduling systems exist, none have been used to solve this problem. Our product will aim to tackle this issue by creating virtual queues, which will reduce the time students spend standing in line through various optimization techniques.

Objectives:

- Address the time management problems that students face in career/job fairs.
- Build a scheduling system that reduces the time students spend standing in line, and allows them to spend more time on networking.
- Build a system that makes the interaction process between the recruiters and students more convenient.
- Implement a system which allows students to schedule time with companies based on parameters such as students' company preferences, time of enqueue, etc
- Allow and disallow exclusivity features based on majors, international status, class standings and other eligibility criterias.

Stakeholders:

- Users: Students and the recruiters attending career fairs.
- Developers: Ashvin Lohiya, Akshat Goyal, Shubhang Kulkarni, Palina Rawat, Aakash Keswani, Sidhant Chadda
- Project Manager: Ashvin Lohiya
- Project Owner: All team members.

Project Deliverables:

- A web application which implements the scheduling system.
- An integrated authentication system for students and company recruiters
- A backend server that implements natively developed optimization scheduling algorithms in order to handle all the scheduling requests efficiently.
- User will connect to the server, which will handle the communication between user data in real time and implement efficient scheduling, which will be experimentally verified via benchmarking