

Project Fuse 2.0 addresses the issue of team creation by providing a way for users to discover potential candidates, schedule interviews, and extend invitations to candidates. Project Fuse 2.0 will be used to form teams that are both short-lived (e.g., for a hackathon) or long-lived (e.g., for a capstone project). With short-term teams, the system will accommodate less interaction by allowing users to view profiles and project ideas and submit invitations to join without an interview process. For long-lived groups, the system will allow scheduling interviews, managing applicants, and viewing past interactions with candidates as part of the formation process. Furthermore, the application will use existing project-management tools to give stakeholders visibility to a project's status. Project Fuse 2.0 will give users tools to create teams efficiently and will aggregate information so that stakeholders can view project progress.

High-level features for Project Fuse 2.0:

Users will receive suggestions on how to improve their profile

Interviewers can schedule interviews with potential candidates

Interviewers can take notes about the interview

Interviewers and interviewees will receive alerts for canceled or rescheduled interviews.

Teams can extend invitations to individuals to join their team

Projects can integrate with Trello to allow stakeholders to quickly view project progress

## General Use Case

Project Fuse 2.0 has several different user types. The user types are individuals seeking for a position on a team, team leaders seeking candidates to fill a position and project owners/stakeholders who want a team for their project. The next three paragraphs will go over the general use for each group.

An individual will register for an account and create a profile by uploading a resume, adding a description and bio, and entering skills. The system will give hints on how to best create a profile through notifications (such as reminders to add a resume). After which the individual will browse teams they wish to join and submit an application. As teams send invitations to an interview or to join, the individual will be able to accept or decline the invitation.

A team leader is an individual who has administrative access to a team. A team leader can find new candidates to join a team, and they can create projects for a team or apply to existing projects on behalf of the team. When seeking for a new team member, team leaders can look through a list of applicants to the team and view their profiles, or they can see all individuals currently not part of a team. During this process, they can send invites to join the team or schedule interviews.

Project owners (also called stakeholders) are users that have created a project. They can view project information and view project boards as well as manage teams working on the project, including inviting teams, reviewing applicants, and accepting team applications.