CS 30700: Project Charter
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Problem Statement

There is a need for a coordinated service in Purdue for students interested in film to connect. Students who produce films, are unable to find talent based on their requirements. A member of our team (a film minor) was requested by the film club (FVSO) to build a website. The film club wants to manage a website with which students who are developing a production can approach other students who are enthusiastic and qualified to participate. This site will also help the film club notify the students about the upcoming festivals and events of all film related organizations. Backstage.com will be a reference to our project. This website is a medium for artists all over the world to be able to share profiles, experiences and interests. Using this information, producers and directors can match their production needs, and possibly employ some artists.The goal of our website is similar, but is smaller in scale. (audience is restricted to students of Purdue, at least initially, before we may open it up to other universities). We also want to regulate management of inventory to facilitate smooth rental of film equipment by students. The business model of our group is different, and so we will not need to charge students to be able to use this website.

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Project Objectives

- Build a website that allows students interested in film based productions either to find talent or to contribute to available opportunities.
- Create and manage a database of the profiles (interests, talents, and past experiences) of students.
- Create and manage a database of the open job/work/volunteer opportunities.
- Allow users to view these opportunities and student profiles.
- Implement a login system which permits students to upload their profiles onto the website as well as apply to desired job postings.
- Construct a news feed that informs users of upcoming events organised by the film and theatre organizations at Purdue.
- Manage the inventory of the available film equipment gear so that students should be able rent gear if it is available. Students will be shown when the gear is available or not available.

Stakeholders

- Software Developers - We the team are working on this project.
    - Parth Kenkere
    - Manu Aggarwal
    - Shreya Shankar
    - Prashast Vaidya

- ○ Bhavana Kakubal
- Project Collaborators - FVSO (Film and Video Students Organization) who will work with us
- Customers/Users - Public associated with Purdue University, mainly students
- Managers - Our team's Project Manager

Deliverables
- An AngularJS based front-end web page allowing users to search for candidates who match the needs of the production, based on the student profiles based on criterion such as age, gender, location etc.
- An interactive news feed which will show all the relevant announcements about the film club and any other related events.
- A backend based on Node.js and MySQL will host our Web API on a server
- A SQL database that records the profiles of students as well as their job postings.