Product Backlog

Team 16

SeekMyTeam

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1 Problem Statement

Attending a prestigious university such as Purdue, many students have a drive to create and innovate. Our goal is to allow for an exclusive and collaborative space for Purdue students to seek projects they can work on or for existing teams to find new qualified students to best further their ideas. Our incubator is quite unique as much of our competitors focus on either pure networking (LinkedIn.com) or freelancing opportunities (Freelancer.com, Fiverr.com)

2 Background Information

2.1 Audience

Our target users are Purdue students that have ideas for a new project or start-up, who are looking to find developers with specific skill-sets to work with. We are also targeting students with developer abilities that do not have an idea of their own, but are willing to be a part of another team.

2.2 Similar Applications

Our application will exist in a market with other freelancing services such as Fiverr and Freelancer. However, the main goal of our project is to appeal directly to Purdue students. These other websites offer developers that may come at too high of a cost, an incompatible location, or at a skill level too high or too low for the student looking to collaborate.

2.3 Limitations

Our idea is unique and innovative compared to our competitors. By marketing exclusively for Purdue students, we are able to implement a niche market which fosters a tailored experience. This intuitive design will pioneer a new standard for the Purdue community. Another limitation that our competitors face is promoting a new idea and acquiring new users. New ideas require time and effort to develop, and, then, companies need to put resources to acquire users for their platform. Focusing our application exclusively for Purdue students will give our app a competitive edge as we will be able to tap into the boilermaker community. This will help our application to be robust and scalabale.

2.4 Environment

We plan to develop a web application using React / Angular as a front-end framework coupled with Bootstrap, node.js as backend and DynamoDB / mongoDB as database. We want to use Visual Studio Code as our IDE. We will use Git as our version control system and our project repository will be hosted on www.github.com

3 Requirements

3.1 Functional

3.1.1 User

- As a user, I want to be able to register for an account.

- As a user, I want to be able to delete my account.

- As a user, I want to be able to log in to my account.

- As a user, I want to have a profile page.

- As a user, I want to be able to have people view my profile.

- As a user, I want to be able to view another user's profile.

- As a user, I want to be able to upload a profile picture.

- As a user, I want to be able to change my profile picture.

- As a user, I want to be able to write a description of my experience.

- As a user, I want to be able to change my description of my experience.

- As a user, I want to be able to create a list of skills.

- As a user, I want to be able to change my list of skills.

- As a user, I want to be able to display my social media links for other users to view.

- As a user, I want to be able to change my social media links for other users to view.

- As a user, I want to be able to post a project that I am looking for collaboration with.

- As a user, I want to be able to edit my project posting.

- As a user, I want to be able to delete my project posting.

- As a user, I want to be able to view projects posted by other users.

- As a user, I want to be able to apply to projects posted by other users.

- As a user, I want to be able to find contact information for the user posting the project.

- As a user, I want to be able to view a list of projects that I am a part of.

- As a user, I want to be able to search for projects by posting name.

- As a user, I want to be able to view all of the users available on the platform.

- As a user, I want to be able to filter user results by certain tags.

- As a user, I want to be able to search for other users by name.

- (If time permits) As a user, I want to be able to view a list of projects I have applied to.

- (If time permits) As a user, I want to be able to apply to a project by clicking a button that will send an automatic email notification to the poster.

- (If time permits) As a user, I want to be able to invite a user to apply to a project by clicking a button that will send an automatic email notification to the user.

- (If time permits) As a user, I would like to have multiple owners associated with a project.

- (If time permits) As a user, I would like to have multiple owners associated with a project.

3.2 Non-Functional

- As a developer, I want to ensure that the application runs as a web-app.

- As a developer, I want to ensure that our app's user interface is responsive.

- As a developer, I want to ensure that the app is interactive with respect to user's actions.

- As a user, I would like to edit my information and ensure it is accurate and consistent across all platforms.

- As a user, I would like the app to be intuitive and perform seamlessly without any lags.

- As a user, I would like my account and project information to be secured.

3.3 Github Repository

- https://github.com/abhic001/SeekMyTeam