

Team Work

Stakeholders(Ebenezer)

- Students:
 - They create projects.
 - They get donors/advisors for their project
 - They provide progress reports on the projects
 - They get to see other student projects too.
 - They get recognition for their ideas
- Alumni
 - They get to donate to / advise students from their old schools.
 - They get to see cool projects.
 - They can evaluate students to recruit.
 - They can see how their money is spent
- Administrators
 - They are responsible for designing and maintaining the website.
- Companies/Industries
 - Companies and Industries that these alums work in might get a chance to also help donate to projects or also recruit students whose projects catch the attention of the alumni.
- School
 - The school that the alumni and students belong to get a chance to connect alumni and students.
 - It facilitates innovation and entrepreneurship amongst their students.
- Stripe
 - It will be handling payments between donors and creators of projects.
- Hackers
 - They will be trying to steal or modify information on our website.
- Competitors
 - They will be trying to get more users than us and probably better features.

Resources

- Stripe
- JQueryUI
- Paper Clip gem
- Devise gem
- Bootstrap

Tasks(Dongyoung)

Each team member will assume the following tasks

- Ebenezer:
 - Write up the initial draft for the security concerns and design challenges
 - Implement the different modes of viewing and editing a project and its creation.
 - Handle deployment to heroku.
 - Implementing search features.
 - Create test suites for models pertaining to my features.
- Christian:
 - Write up the initial draft for the overview and concepts in the design document
 - Educate the team members how to integrate Devise gem into our app
 - Implement user registration and email domain authentication feature
 - Implement user profile feature
- Dongyoung
 - Write an initial draft for the data model and the context diagram
 - Enable users to post updates and comments
 - Enable users to upload various media (photos, videos) to updates while not violating security issues
 - Create test suites for updates and comments
 - Keep minutes of TA meetings
- Richard:
 - Write up the initial draft for the wireframes and flow diagram
 - Learn and educate the team members how to integrate Stripe API into our app
 - Implement the donation and payment feature
 - Create test suites to address any security concerns

Milestones(Richard):

- Milestone 1 (due 11/14/13): Finish creating the test-driven models
 - Ebenezer: Project, Tags
 - Christian: Student, Alumni
 - Richard: Donation
 - Dongyoung: Updates
- Milestone 2 (due 11/16/13): Finish MVP features
 - Ebenezer: Create, edit, show projects
 - Christian: Use emails for authentication (use Devise)
 - Richard: Enable secure payment system (use Stripe)
 - Dongyoung: Create, edit, show update pages
- Milestone 3 (due 11/19/13): Design Critique
 - Everyone: put points in slide to be discussed when we meet
- Milestone 4 (due 11/22/13): Updated Design Doc
 - Ebenezer: Security concerns and Design Challenges
 - Christian: Overview and Concepts

- Richard: UI and Wireframes
 - Dongyoung: Data model and Context diagram
- Milestone 5 (due 12/1/13): Code Critique
 - Everyone: put points in slide to be discussed when we meet
- Milestone 6 (due 12/6/13): Final Code
 - Ebenezer: Project, Tags, Tests
 - Christian: Student, Alumni, Tests
 - Richard: Donation, Tests
 - Dongyoung: Updates, comments, Tests

Risks

- Not getting the third party libraries to work (Stripe)
 - Mitigation 1: Explore other substitutions (Paypal)
 - Mitigation 2: Reduce the associated feature yet not entirely eliminating it (Have the alumnus make the payment directly to students)
- Custom tag feature, which are meant to allow users to search for projects more easily, might end up just over-complicating the system
 - Mitigation: Stick with the predetermined list of tags

Minimum Viable Product(Christian)

- Subset of features to be included
 - Predefined tag list
 - searching for projects
 - creating projects and updates
 - donating through stripe
 - index page for projects instead of dashboards
 - embedded videos for projects
- Issues postponed
 - Personalized list of projects based on the match between a user and a project in the dashboard
 - Custom tags
 - Comments