

Stakeholders

This app is designed as a service to the MIT community, it is not intended to be profitable or have any component of financial interaction. Therefore we are only concerned with the user experience and safety of the MIT students that will use and benefit from the app; through creating FitFixes, attending FitFixes, and committing to FitFixes. Our team has a deep interest in the project and will therefore serve as the admins.

Resources

Computational

If this app were a huge success, with more users than exist in the MIT community, then potentially basic CRUD could become slow. However, we do not anticipate this.

We plan on using the Google Calendar API for seamless integration into our users lives.

Costs

Given that we are three MIT students of free labor, we anticipate not any monetary costs.

Time

Researching and selecting the constrained list of fitness types is a time intensive activity that must occur before much of the development.

Tasks

Task	Effort (evaluated based on hours)	Team Member	Deliverable Date
Implementing Authentication (will include research)	7 (may be more)	Emma	Nov. 16
Integrating with Google Calendar	7	Lauren	Nov. 16
Database implementation (schemas, etc.)	2	Kharis	Nov. 14
API Design and creation	5	Kharis	Nov. 16

MVP UI	2	Lauren	Nov. 14
Statistics (including d3 visualization) -NOT in MVP	5	Lauren	Code Review: Nov 26 Due: Nov 30th
Final UI -NOT in MVP	10+ (determined by how much time is left until deadline)	Will be allocated after feedback from MVP	Code Review: Nov 26 Due: Nov 30th
Setup Handlebars	2	Emma	Nov. 16
Client side code - MVP	2	Kharis	Nov. 16
Search -NOT in MVP	6	Will be allocated after feedback from MVP	Code Review: Nov 26 Due: Nov 30th
Client side code -Final (task will be further broken down after feedback from MVP)	10+	Will be allocated after feedback from MVP	Code Review: Nov 26 Due: Nov 30th
Deploy/ setup open shift	5	Group Effort at Monday Meeting	Nov. 17

Risks

We all know that things go wrong. Estimates are just that, estimates. To mitigate this risk, we have reduced task dependency as best we can and are utilizing code reviews and internal deadlines for the project.

Google Calendar integration may not work. To solve this we can find a different API or try to create a simple calendar ourselves.

Minimum Viable Product

As outlined in the tasks our MVP will be a system in which users can log in, create FitFixes, create groups, commit to FitFixes, and view FitFixes on a calendar. This will include all of our concepts.

Issues postponed

- Statistics: the ability for a user to view stats about the FitFixes they have attended
- Search: the ability for a user to search for events
- Invites: the ability for a user to invite a group or another individual to a FitFix

Value

This MVP provides the core functionality of the app and directly addresses the purpose of enabling MIT students to connect and be healthy.

We plan on deploying the MVP and putting it in use with a small group of alpha testers. This will give us the opportunity to understand any challenges that users encounter and iterate on our initial design if necessary.