Teamwork Plan

Stakeholders
Companies
- Companies will use the site to find students that will be a good fit for their company.

MIT Students
- Students will use it as an introduction to various companies.

Site Admins
- The site administrators will need to verify companies after the register through the site.
- Site administrators will also need to keep up with new and changing classes.
  - This means that the admins will need to keep the transfer function (that creates skill tags based off of classes taken) up to date.

Resources
MIT Registrar
- We will need to figure out how to get class listings through the registrar.
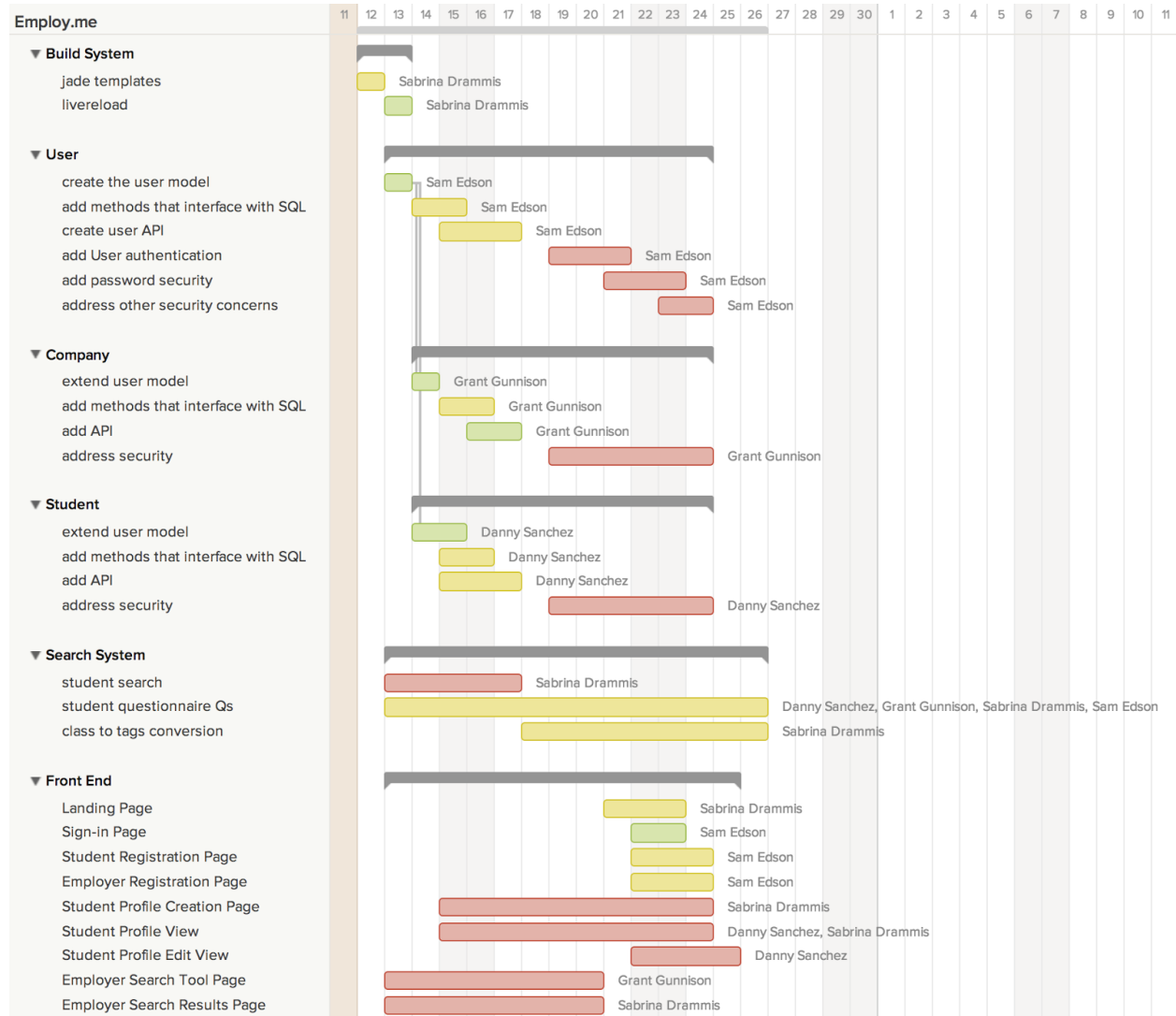
MIT WebSIS
- Ideally students would not need to input all of their classes. Instead, the application could get a list of the classes the student has taken directly from WebSIS.

Recruit or Die
- *Recruit or Die* is a guide for recruiting undergraduates. We may reference this book throughout our development process.

Tasks

| Employ.me | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

▼ Build System
- jade templates — Sabrina Drammis
- livereload — Sabrina Drammis

▼ User
- create the user model — Sam Edson
- add methods that interface with SQL — Sam Edson
- create user API — Sam Edson
- add User authentication — Sam Edson
- add password security — Sam Edson
- address other security concerns — Sam Edson

▼ Company
- extend user model — Grant Gunnison
- add methods that interface with SQL — Grant Gunnison
- add API — Grant Gunnison
- address security — Grant Gunnison

▼ Student
- extend user model — Danny Sanchez
- add methods that interface with SQL — Danny Sanchez
- add API — Danny Sanchez
- address security — Danny Sanchez

▼ Search System
- student search — Sabrina Drammis
- student questionnaire Qs — Danny Sanchez, Grant Gunnison, Sabrina Drammis, Sam Edson
- class to tags conversion — Sabrina Drammis

▼ Front End
- Landing Page — Sabrina Drammis
- Sign-in Page — Sam Edson
- Student Registration Page — Sam Edson
- Employer Registration Page — Sam Edson
- Student Profile Creation Page — Sabrina Drammis
- Student Profile View — Danny Sanchez, Sabrina Drammis
- Student Profile Edit View — Danny Sanchez
- Employer Search Tool Page — Grant Gunnison
- Employer Search Results Page — Sabrina Drammis

effort: easy, medium, hard

Milestones

MVP - Tues Nov 18
- API to sign on and make a new account as a Student.
- API to sign on and make a new account as a Company.
- API to set tags as a Student.
- Search system so that companies can search for applicants using tags.
- API for a company to see the Student's profile and contact information for and intro.

Revision - Tues Nov 25
- Updated and finalized API
- Fully completed search system for companies
- Security for authentication
- Web Pages for the whole app: Sign In, Home, Profile, and Search

Final - Tues Dec 2
- Questionnaire for Students to fill in their account information.
- Mapping from classes to experience tags.

Risks

- Employer and Student express interest at the same time.
  - We prevent this by only allowing Companies to start the conversation.
- Make sure we have MIT Students.
  - Require an @mit.edu email address.
- Making a profile can be laborious.
  - We will have a tagging system so Students can associate experience with tags.
  - We will have a mapping from MIT classes to experience tags, so that if the Student inputs a class it automatically fills in what experience tags that class accomplishes. This makes it easier to fill in tags and also makes them more trustworthy.
- Too many tags make searching a pain.
  - Restrict tags to general experience.
  - Have only a discrete set of tags.
- Companies can be bogus.
  - Companies will need to be verified by an admin before they are allowed to join.
- Students can be bogus or put tags for bogus experiences.
  - Students will actually have a profile, so even if they fill themselves in for every tag an employer will be able to see other information that legitimizes the tags.
  - Bogus students will be identified quickly because they have an mit email associated with the account. If the email does not match the account information then the Student is bogus and admins can remove the account.

Minimum Viable Product

In the MVP

At this point, the product will contain its core functionality: the ability for Companies to quickly search for Students using tags. We will have accounts for both of our types of Users, and the ability for Students to set tags and Companies to search for them. From there, Companies will actually be able to contact Students and see their profile. We will be able to build on this foundation and I also believe these are a good subset of concepts that we can actually accomplish in that time. Also, this MVP will be both helpful and useful, so that we can start testing with real Users and get feedback on various design decisions.

- Ability to sign on and make a new account as a Student.
- Ability to sign on and make a new account as a Company.
- Ability to set tags as a Student.
- Search system so that companies can search for applicants using tags.
- Ability for a company to see the Student's profile and contact information for and intro.

Not in the MVP

These are important pieces to be added to the product to make it more useful and better as a whole. We want the questionnaire because it shortens the time that it takes to finish account creation. Setting up a profile in LinkedIn can be a pain because you need to provide so much minute details. To further help with this problem, we also have a mapping from classes to experience tags, so that when the Student enters in his or her relevant coursework, we can automatically fill in many experience tags.

- Questionnaire for Students to fill in their account information.
- Mapping from classes to experience tags.
- Web Pages for all actions
- Security