Milestone #2

Team Name: Finks

Members: Zormene Kinanee
        Tianyi Ma
        Tianjian Wei
        Ritwik Awasthi
        Jonathan Meade
        Ruitong Sun

Project Management Software:

In order to manage our project efficiently and follow a well-defined agile workflow, we will be using Trello to keep track of our user stories. We chose this tool because of its easy usability, Kanban style, and ability to invite multiple users to view the storyboard. Trello provides a clean interface for our team to manage and edit our tasks in an Agile style.
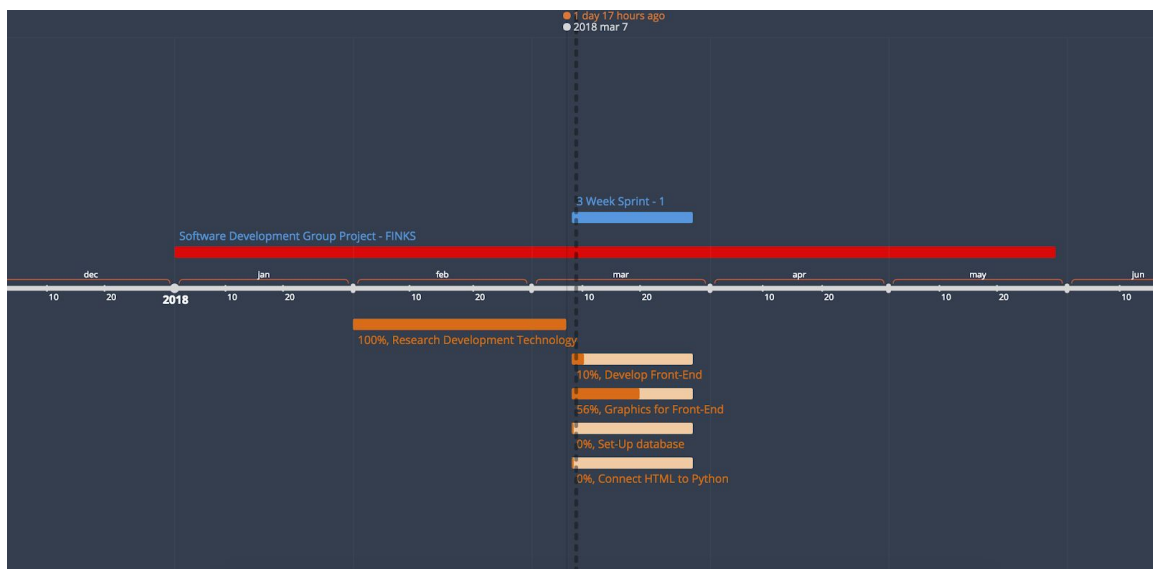
Core Project Requirements:

- Upvote/downvote capability
    - We want our users to be able to upvote and downvote images and allow those scores to affect the image's ranking in the leaderboard. This feature will add a competitive aspect that is intended to encourage users to share more images.
- Reporting/ Sensoring
    - Allow users to flag an image for review in the case that the image is obscene. The image can then be reviewed by human moderators/site owners and taken down if necessary.
- Leaderboard
    - Allow users to view a list high-ranking images. Users can sort by information such as scores, tags, and upload date. The leaderboard will be at the core of the website and will be one of the first items that a user will see when coming to the site.
- Tags/categories
    - Allow uploaders to tag images and sort them into categories to make ranking and leaderboard statistics easier. The categories will allow individuals searching for specific topics on the leaderboard to more easily find the items they are looking for.
- Strong design
    - Develop an attractive front-end to present to the user to maximize the enjoyability of our website. Seeing as our design and layout are the first items any visiting user will notice, we believe that this requirement is of top priority in order to attract and retain website users.
- Display modes
    - Develop different viewing modes for differences in time (e.g. night/day), allowing users maximum flexibility for when they use the product. Night mode will include items such as softer colors, lower brightness, and less blue light for more comfortable browsing in dark environments.

- Recaptcha/bot identification
    - Develop a system that identifies and stops bots and automated systems from posting images and overwhelming the site or manipulating rankings. We will most likely accomplish this using free/open source tools such as ReCaptcha by Google.
- View counter
    - Attach a counter to each image/link to identify the number of times any given individual loads an image onto the page. This will allow us to sort images by view count along with the already determined score and tags.

Project Plan:
- There is about one sprint necessary to complete this project with several task. Our first task will be creating the front-end/graphics and framework of site. For our second task we'll have the challenge of creating a demo of our image sharing site. Things such as the website and team logo will be created. We'll also be focusing on the functionality and outer appearance of the site. We want the site to be both appealing and easily usable. This will be followed by our third task, which focuses on creating our database. With our fourth task we'll be connecting our front-end, which will be coded using HTML, CSS,and Javascript with our back-end which will be done using Python. At least two people are assigned to work on each sprint/task and they will be done in the order they've been listed.

Scrum Log
Date: 03/08/2018, 5:00 PM
Attendees: Zormene Kinanee
        Tianyi Ma
        Tianjian Wei
        Ritwik Awasthi
        Jonathan Meade
        Ruitong Sun

During our five-minute scrum stand-up meeting, we discussed what we had accomplished in the past week and what we were looking forward to accomplishing over the upcoming sprint. Ritwik mentioned that he had been working on some of the graphic design assets and had done some database research in order to help determine the most suitable database to our needs. Zormene had begun the basic front-end design of the website with an integrated color scheme and basic menu options and will continue to work on constructing the front-end. Ruitong had begun researching integration options to bring the project together and will continue to research and implement these solutions in the coming sprint.

Retrospectively, we have made a great deal of progress since our first milestone. We have begun laying out the architecture for our system and all know our places in the process. We have begun debating the merits of various database systems and have already put together a basic front-end design, giving a general form to what we want our end product to look like.

Screenshot of Project Management Tool (Trello)