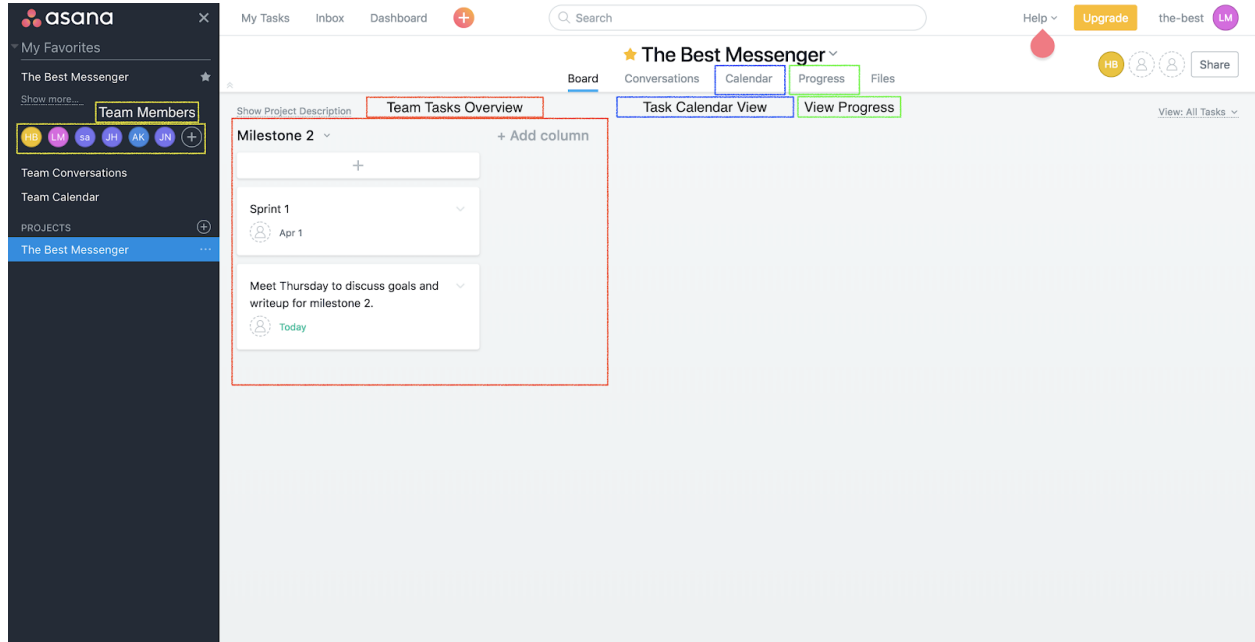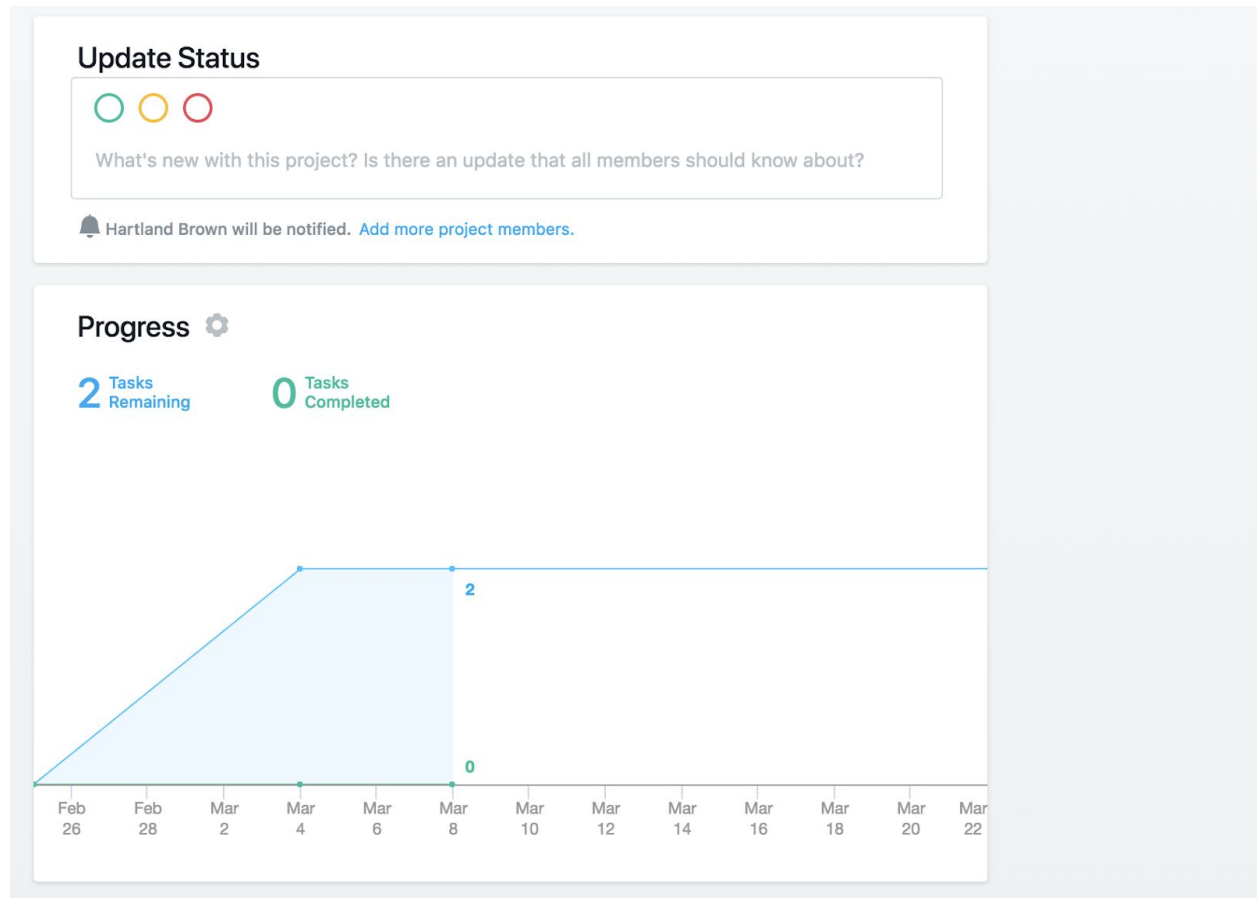# Project Milestone 2 <The Best>

Project Management Tool - Asana is a web application made for team collaboration that allows for users to create and assign tasks and follow team progress. There are calendar and progress views which display tasks and "to-do" vs "done" tasks.

Update Status

○ ○ ○

What's new with this project? Is there an update that all members should know about?

🔔 Hartland Brown will be notified. Add more project members.

Progress ⚙

2 Tasks Remaining   **0** Tasks Completed

2	
0	

Feb 26 | Feb 28 | Mar 2 | Mar 4 | Mar 6 | Mar 8 | Mar 10 | Mar 12 | Mar 14 | Mar 16 | Mar 18 | Mar 20 | Mar 22

Project Plan -
Our focus will be on initially establishing a stable, functional messaging app. This will require an interface, database, and networking to connect the two. The first step is creating a system to register users and their profiles, followed by more detailed profile management, and then finally, messaging functionality. Once we establish the messenger, we will try to add more features, such as systems to share articles, and forums.

Three Week Sprint (To-Do) -
Week 1 - User Registration
      Register new users, as well as storing and accessing old profiles. Requires setting up database input and management, and a rough interface to use it.
Week 2 - Handle User Profiles
      Allow users to customise their profile data, such as username, profile picture, and other information. Also, implement email registration, and allow users to access other profiles.
Week 3 - Handle Messages Between Users
      Implement the messaging system to send and receive messages between two users. It will allow users to access the messages, and store them in the database.

✓ Sprint 1

The goal of sprint one is to have a simple interface that allows users to create profiles and send messages to other users
Team 1 - Interface team
Team 2 - Functionality team
Team 3 - Database team

Week 1 - Handle user registration
Week 2 - Handle user profiles
Week 3 - Handle messages between users

✓ Team 1 - Simple user registration	Mar 18	JH 💬
✓ Team 1 - User profiles	Mar 25	sa
✓ Team 1 - Message boards between users	Apr 1	JH
✓ Team 2 - Send email for user registration	Mar 18	JN
✓ Team 2 - Give access to user profiles among users	Mar 25	JN
✓ Team 2 - Allow users to access messages and boards	Apr 1	AK
✓ Team 3 - Store and access users	Mar 18	LM
✓ Team 3 - Store and access user profiles	Mar 25	HB
✓ Team 3 - Store and access message boards	Apr 1	HB

Agile Standup Summary-

       Items completed since last meeting:

       Most of what was completed since last meeting was learning new tools and methods for accomplishing our task. Flask and a python based web server for development was suggested and could be an effective way to manage the web page. More research was also done into adding more functionality to the website so that it can be more dynamic.

       Items to be completed before next meeting:

       From the last meeting everyone will know what their roles are in the team so that they can further understand and research into their respective roles. A basic framework for the webpage including front-end design, basic functionality, and an understanding for the database will also be completed before the next meeting. Overall, the project will get off to a start and the website will have user registration that loads into a profile page for each user.

       Obstacles and Roadblocks

       The main obstacles and roadblocks that the team faces is a learning curve. As with most projects, there are new technologies and systems that are going to be implemented in our website. So, everyone is going to need to learn new techniques and processes in order to complete the project.

       Sprint retrospective meeting

       From our first sprint, it was agreed upon that our overall idea is going in a direction such that everyone is content with the current progress and ideas. Breaking the project down into teams so that everyone has a job is effective and allowing for work to be properly distributed among the team. What did not go as well was that some of the project was unclear across the board. However, after this meeting, the entire project is now clear for all members and the overall vision is going as planned. For the future, we will continue to meet every Thursday so that all aspects of the project are clear and so that work can be completed in an appropriate manner.

REQUIREMENTS

We plan on making a messenger style app that with multiple features designed to help people communicate through different means all in one place. We plan to design a forum like space that can be used for specific topics, give each user a personal profile page that can be adapted for specific use under any circumstance, and develop a instant messaging service that allows for personal one on one communication, and group communication with an ability to share any kind of media such as work files, code, videos, or pictures.

The requirements of our project are all geared towards this goals, we plan on needing:
- A database to hold user information, like username, password, registration key, and private messages
- Api to request updates when users send messages to the board, or private messages.
- Message board that will hold text for all users to read, and allow other features like responding to user's message publicly, ask questions, receive feedback on projects, and collectively solve problems
- An interface that will allow access to all of the above in an html style web-page with additional features like a user profile and possibly work environments.

The Tools we plan of using to accomplish these goals are:
- mySQL to set up the database that can be queried for any information necessary for the web page.
- Some sort of hosting service such as python Flask
- Html and any subsequent tools within it to design the interface and interactive elements of the web-page.