Project Plan

The team members for this project are Ritvik Mahendra, Randy Tan and Kiwi Randolph. Currently, our board has 31 work items. Since we have 3 engineers and 6 work weeks for Checkpoint 2 with a one week sprint cadence, our sprint velocity is 5-6. The collaboration tools to be used are Discord for communication between team members and for organizing meetings, and Github to manage work items through Github Issues and Github Projects. For the implementation methodology of the project, the team will use React.js/HTML/CSS for developing the frontend of the app, MongoDB for the database of the application, and Python, specifically Flask, for the backend of the app. To deploy the application, we will use Heroku to deploy the app in the cloud and use Git to conduct source version control. We will also be following the Agile methodology to iteratively develop the proof of concept for the application.

High Level Sketch of Application