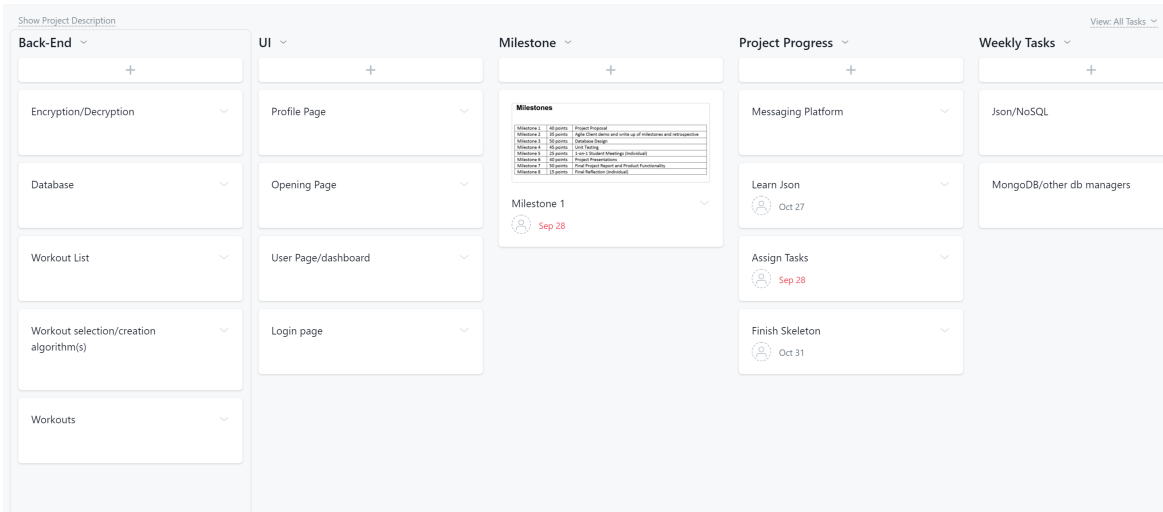


1 Project Management Tool

To keep track of the progress of the project, we elected to use Asana, a browser-based scheduling tool. A screenshot of the backlog is pasted below.



As shown here, the tasks are divided based on where in the project they fall. Tasks have already been assigned to different groups and people denoting what their focus should be on.

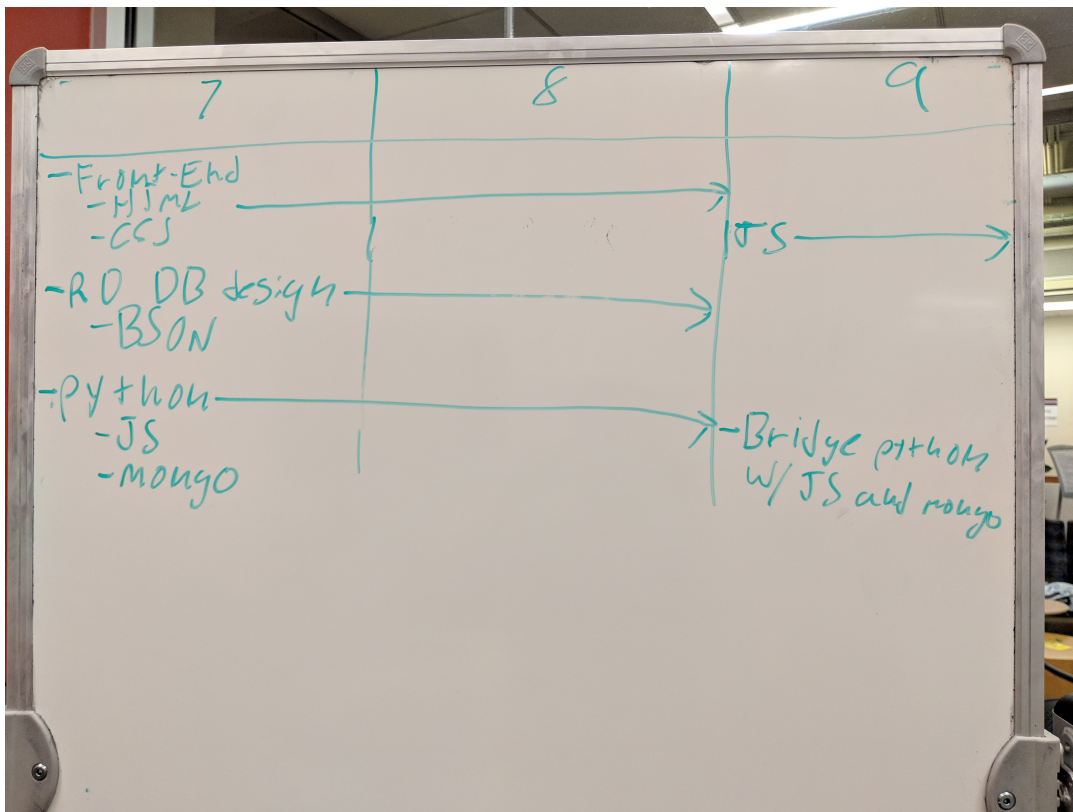
2 Requirements

The project will take advantage of several technologies. Starting from the frontend, the webpage itself will be rendered with HTML/CSS, and will use Javascript to talk to the server. Any specific Javascript libraries have not been decided on yet. To interface with both the incoming Javascript messages and the database, the server will be running a Python script to detect incoming requests. Currently, a REST API is being looked into to facilitate communication. Finally, the backend will implement MongoDB to hold data. The architecture has not been created yet, but will be interfaceable via the Python integration layer.

In broad terms of how the project will hopefully end up looking, users will be able to log in, retain their workout information, and get suggestions and feedback on their workout routines.

3 Plan Description

The plan for the next three weeks, albeit sloppily drawn, is detailed in the following graphic:



Each row on the chart corresponds to a group's focus, with splits in time to denote order of process.

4 Agile Standup

So far, everyone researched some tools that we would use, including MongoDB and how the JSON format works and is interpreted. In the same technical focus, the foundation for how each technology will interact with other technologies as also been discussed. We have charted out a rough timeline of when we need each thing to be complete, and have formed groups to approach each technology that we will use. Finally, in our most recent meeting, we have discussed and begun to settle on a database structure, as we are using a NoSQL implementation.