

Team # 105-3

Team Name: while (e_coyote)

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Application Name: SmartCal

Application Description:

- We have decided to create an online scheduler. This will be able to store your daily schedule along with other events going on. What we hope this schedule will also be able to do is take in an event along with desired notification times. This means if I insert a project deadline and a notification five days before the deadline, my scheduler would notify me five days before the deadline to work on the project.
- A feature we hope to implement is time allotment. This means if a project requires 10 hours, the scheduler will automatically suggest times when you are free to work on the project.
- We will create a website version of this project.

Vision Statement:

To provide a smart, one-stop shop scheduler that optimizes and manages users' time in order for them to work easier *and* smarter.

Version Control:

- Project Code: <https://github.com/team-105-3/Project>
- Team Logs: <https://github.com/team-105-3/Team-Meetings>
- Milestones: <https://github.com/team-105-3/Milestones>

Development Method:

- We plan on using the agile/scrum development method.
 - By spring break, finish the bare bones project, working to the minimum viable product.
 - We will have weekly sprints in which we will attempt to develop features or fix bugs.
 - Per sprint, we will assign each sub-team a task/tasks which will need to be completed by the next meeting.
 - In meetings, we will test and evaluate the quality of the work. We will then decide how to proceed whether this is redoing the task or tweaking the code for more efficiency.
 - Then, we will begin building off of the skeleton. Working on the design of the front end and polishing up bugs that appear. Adding simple features to increase usability if we have the time after we have met all of our base requirements.

Communication Plan:

- For communication, we plan on using group texts or discord. Group texts are useful for making sure everyone gets important info on group meetings and deadlines.
- Discord will be useful for when we split into smaller sub-teams (front-end and backend).

Proposed Architecture Plan:

- Java should be used for the backend of the website and Javascript would be the frontend technology. In order to communicate, we need to use AJAX to send and receive data between the client and server. On the frontend, bootstrap could help make it visually appealing. On the backend, MySQL would help to manage all the needed data and provide to frontend.

Meeting Plan:

- Meeting Schedule:
 - Wednesday from 4pm-6pm
 - Please show up by 4:15pm
- Mode of Communication:
 - Face to face
- Location:
 - Engineering Center