Team 34, Project Touch Grass

Github Repo Link: https://github.com/cse110-sp24-group34/warmup-exercise

Sentiment Rating Widget:

Youtube Link: https://youtu.be/T7KDJBLgLMI

Full SWOT analysis:

Strengths:

- Team Collaboration: Strong communication and collaborative problem-solving skills were evident, leading to effective troubleshooting and innovation (Took ideas from 4/18 lecture).
- Adaptability: The team quickly adapted to new tools and integrated them effectively into the development process.

Weaknesses

- Uneven Skill Distribution: Some team members had less experience with JavaScript, which slightly slowed down certain parts of the project.
- Time Management: Initial phases took longer than expected, putting pressure on later stages of the project timeline.

Opportunities

- Skill Development: This project provides an excellent opportunity for all team members, especially beginners, to enhance their coding skills in a real-world scenario.
- Process Improvement: Future projects can benefit from the learnings of this one, particularly in refining the agile methodologies used.

- Timeline Improvements: Learning from this project to better estimate the time each phase will take the team.

Threats

- Critical team member sick: Due to the uneven level of skill team members had with technologies like JavaScript, having the few team members that are competent in JS sick could heavily hinder progress.

Calendar:

Youtube Link: https://youtu.be/kxjUt0ihGY8

Full SWOT analysis:

Strengths:

- Team Collaboration: Strong team collaboration due to partner programming were evident, leading to exchanged ideas and more efficient debugging.
- Adaptability: We were not too familiar with HTML other than what was in the lab, but sharing online resources like tutorials and sharing advice or the bugs we were facing helped a lot.

Weaknesses:

- Uneven Skill Distribution: Not everybody had web development experience, which led to some having to do work asynchronously to catch up/watch tutorials.

- Time Management: Towards the beginning was mostly planning and how to execute it, and towards the end we kicked it into high gear. Most of the practical work was towards the end of the calendar.

Opportunities:

- Skill Development: The calendar provided a great window into web development, allowing us to develop our skills in HTML and CSS greatly, that could benefit us in a workplace.

- Process Improvement: I think we could pair up partners next time to program, maybe like partner programming. Maybe one from Sentiment team and one from Calendar team, but we could also work on our Agile framework and improve on it.

- Timeline Improvements: Now that we know the capabilities of the members, we can better delegate responsibilities. If one member has more experience in JS for example, we can partner pair them up with someone who has no experience at all.

Threats:

- Can lost his phone Can got his phone robbed and was unable to be online for a few days while he got a replacement. He was unable to access Duo and was essentially locked out of all his information.