

# EE/CprE/SE 491 WEEKLY REPORT 1

1/30/24 - 2/6/2024

Group number: 22

Project title: CyRide Visualization

Client: Mohammed Soliman

Advisor: Mohamed Selim

## Team Members & Role:

Bradon Buckalew: Programmer

Endi Odobasic: Programmer

Evan Schlarmann: Programmer

Andrew McMahon: Programmer

---

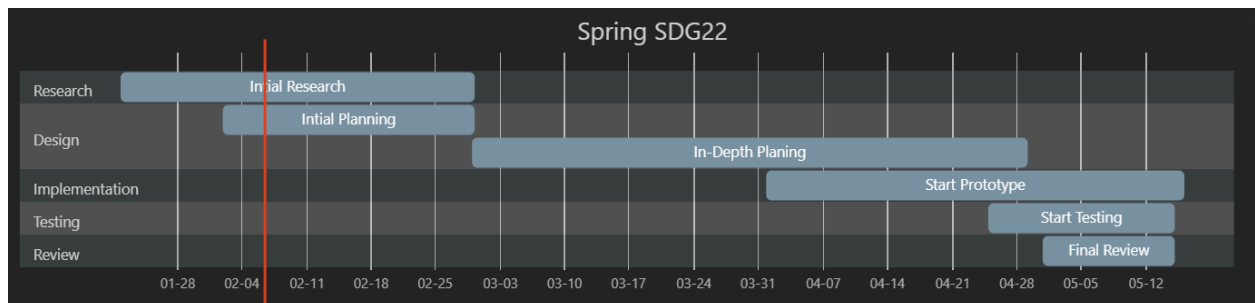
## Week Summary

Our group was geared towards creating a Gantt chart for our project, which summarizes all the work that will be done by given dates. This gives us a rough estimate of our weekly goals and allows us to redefine objectives or provide more thorough definitions. We developed a deeper understanding of the project and what users expect our application to provide.

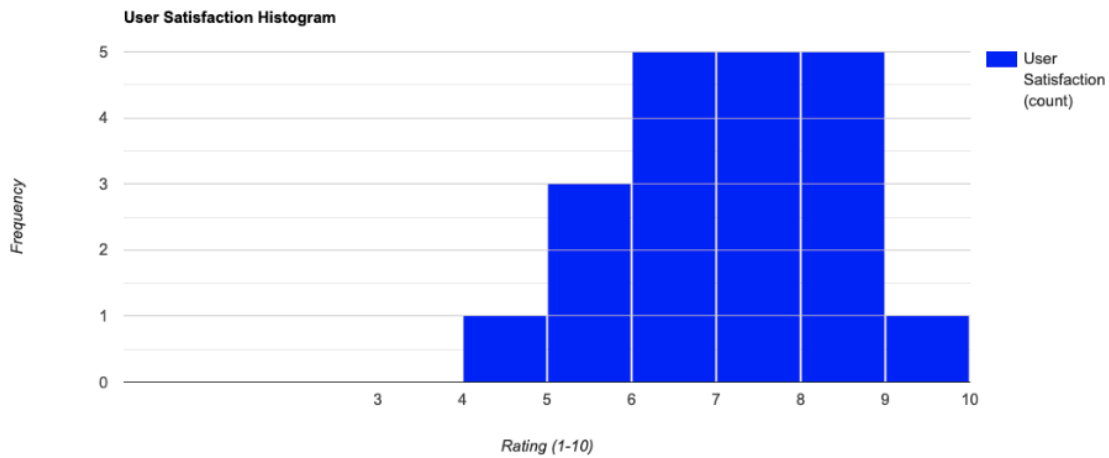
---

## Accomplishments

Collectively, as a group, we met outside class and set up an initial Gantt Chart that we will use throughout the spring semester. We have split our chart into five sections: Research, Design, Implementation, Testing, and Review. We used a Gantt Chart because we wanted a visual representation for setting deadlines and start times for our group.



We looked over and analyzed one of Endi's documents from English 314 that would help us understand our audience and relate to the Empathy Map we had created. Our audience had a lot of criticism towards the current state of MyState's CyRide application, such as the user interface, connection issues, and constant up-to-date bus routing. These connection issues, inaccurate bus readings, and delayed bus route timings caused many students to miss their buses for their following classes, back home, or even meetings. This will give us a better grasp on things that students have had issues with the current CyRide application and what we can improve in the way we go about designing and implementing.




---

## Individual Contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>Hours Cumulative</u>
Evan Schlarmann	Report/Client Meeting Summarization	3	3
Braden Buckalew	Gantt Chart Software	3	3
Endi Odobasic	Report/Empathy Map	3	3
Andrew	Finalizations/Review	2	2

---

## **Plans For the Upcoming Week**

- Collectively finalize the Gantt chart to present in the upcoming client/advisor meeting.
- Research into tech stacks that would best fit the project and constraints given while also aligning with team skills.
- Look into documentation software, for meeting minutes
- Refine our empathy map and potential clients

### **Technical Questions for the upcoming week**

- What tech stack would the university prefer us to use?
  - What would our resource groups be for hosting?
- 

## **Weekly Client/Advisor Meeting Summary**

Firstly, everyone was introduced and grasped each other's skills that can contribute to this project. Each member was able to grasp a deeper understanding of the project and what the main objective is. We learned that the project is about predicting the location of either the bus or car that contains our transmitting device so users can receive information on when it will be in the range of towers to transmit data. This gives researchers a better estimate of when the machine can be used and how long they may have within that time frame. The objectives to complete before the next meeting were then agreed to create a roadmap for tackling the project, which needs a deep understanding of the requirements.