

Project Status Report

Group 2

CompareCart

**Software Engineering
Fall 2024**

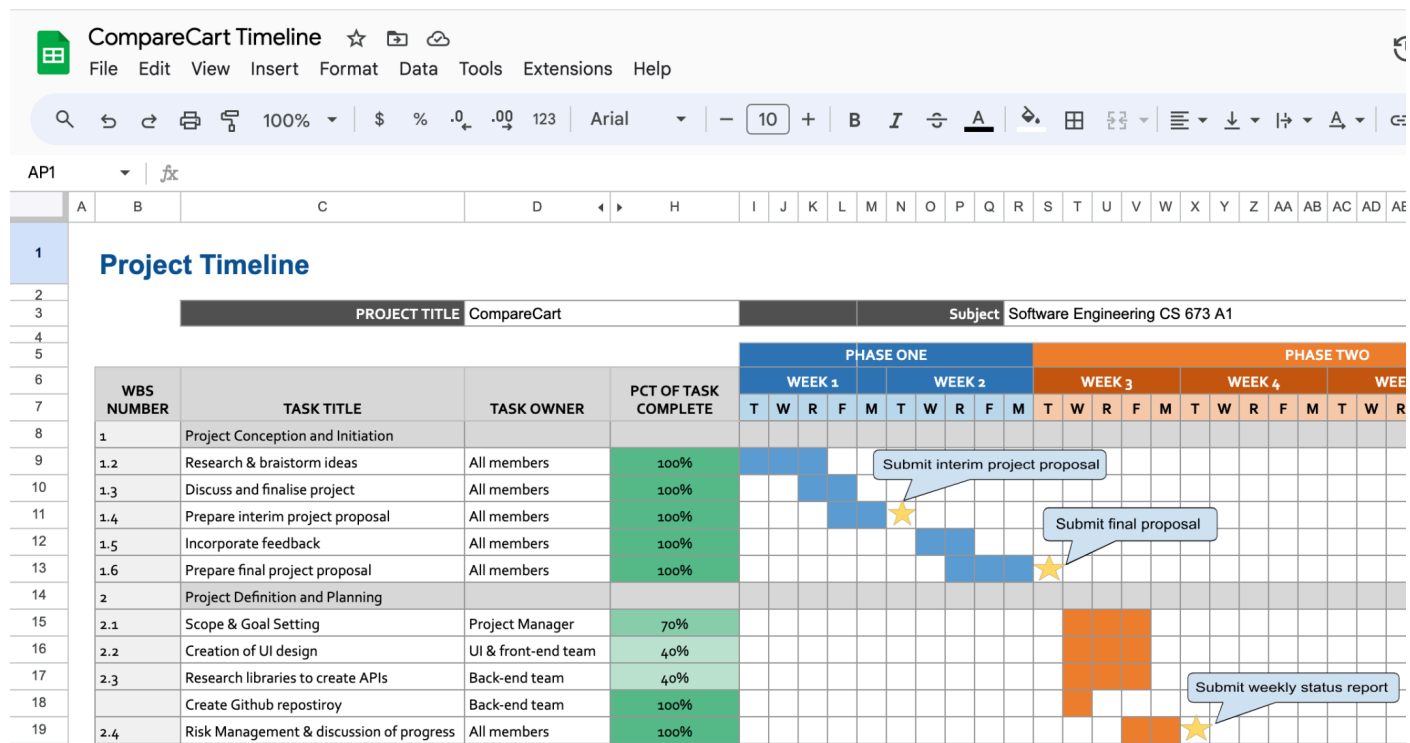
CS673 A1



Siming Zhao
Zichen Wang
Yifei Wang
Jingwei Ma
Sifat Singh Khalsa

Overall project status

The team has created the attached Gantt chart to document all tasks and ensure clear visibility of progress among members.



Please refer to the attached link to view the entire gantt chart: [Link](#)

Team Members Individual Contributions:

The team has commenced work on bringing our concept, CompareCart, to life. Each member has proactively assumed responsibility for their respective domains, and a detailed breakdown of these assignments is provided below.

Members	Tasks	Description
Sifat Singh Khalsa	Create project plans and overall project timelines.	Created detailed project plans and compiled the same in a SPMP, also created a detailed Gantt chart outlining the different tasks, their potential timelines & milestones
Siming Zhao	User Interface Design	Learn to use Figma to show detailed interface and function of the project so that front-end engineer can do their job based on Figma,

Zichen Wang	Backend Development	Discuss backend related issues. Learn how to use backend related libraries. Create a virtual environment and install libraries such as Flask and scrape. Learn how to use these libraries and other backend related knowledge.
Yifei Wang	Backend Development	Discussed and decided tools for backend development with Zichen. Flask is perfect for simple web applications, so we agreed on using it to build the website. SQLite and Peevee are simple lightweight database libraries, and they are compatible. We will use SQLite first because it works well with small apps, but will turn to Peevee if otherwise. Scraping might be a little bit harder so we decided to use Scrapy which scales well for larger tasks.
Jingwei Ma	Front end development	Created the front-end project and set up API integration for communication with the backend. Collaborated with the UI designer to ensure the front-end aligns with the Figma design. Implemented the necessary features and UI elements to ensure smooth user interaction with the backend services.

Github Repository - The team has established the GitHub repository mentioned below to securely store all project-related documents and track the progress of our work.

Link: https://github.com/ZichenWangBU/CS673_Team2_CompareCart