

San Francisco State University
CSC 648-848
Milestone 0 Submission Form
Section 1 Team 02

Server Host: AWS EC2

Operating System: Ubuntu Server 22.04 LTS (HVM)

Database: MySQL 8

Web Server: Vercel

Front-end Framework: React (Next.js uses React for frontend)

Server-Side Language: Python

Web Application Framework: Next.js

Additional Technologies: Python 3, LanchChain, TypeScript, TailwindCSS, Shadcn\ui, Auth.js, Prisma, tRPC, Flask.

IDE: Visual Studio Code

Item	Credentials
Website Url	https://csc648-01-sp24-team02.vercel.app/
Cloud CM Instance	<ul style="list-style-type: none">- Log into emails that were provided in the template, and check for an email from no-reply@signin.aws or no-reply@login.awsapps.com- The email should set up an IAM user and after creating a password go to aws.- Login as an IAM user using the credentials.- This should give access to Daniel's entire AWS dashboard.- Go to EC2 instance and connect.- To ensure you are on the right EC2 instance you should run the command ls, and the only file should be csc658-01-sp24-team02.- Type cd csc658-01-sp24-team02/application
Database URL	<p>Same as above but go to RDS in AWS instead of the EC2 instance.</p> <p>For pem.key please email daniel chang: dchang9@mail.sfsu.edu Using the pem.key would give access to the database through MySQL workbench and Daniel can send all information from that.</p>

Addition information including your study plan for each technology

	AWS EC2	JS	Next.js	Python	Flask	SQL	MySQL	LangChain
Huy Dang	3	5	4	3	1	4	3	1
Chris Camano	1	2	1	5	1	2	1	5
Daniel Chang	3	3	1	4	4	4	5	1
Min Oo	1	2	1	1	1	2	2	1
Marcos Garcia	1	1	1	2	1	1	1	1
Zachary Weinstein	3	3	1	4	4	3	3	1

Study Schedules

Frontend related technologies includes: JS, Next.js, TailwindCSS

- Min and Marcos are studying with Huy (leader) until early March/end of February
- Goal: Min and Marcos have a better grasp of the frontend technologies with Huy's help.

Backend related technologies includes: Python, Flask, SQL, and Langchain

- Daniel, Zach, and Huy will study Langchain and explore LLM models with Chris (leader) all of February and early March
- Goal: Daniel, Zach, and Huy have a better understanding of prompting and chaining prompts with LangChain to LLMs. The group would also have a list of cheap or free language models that can be used for the project.
- Chris and Zach will study databases with Daniel (leader) all of February and early March.
- Goal: Chris and Zach feel comfortable enough to write scripts and calls to the MySQL database.

While we are studying we plan to build a flowchart in order to show what we need from the frontend to backend and how we want information to be passed.