San Francisco State University

CSC 648 - 848

Milestone 0 Submission Form

Section 04 Team 1

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Below is a list of the technologies used in Team's software
stack:
Server Host: AWS EC2
Operating System: Ubuntu 24.04
Database: MongoDB (Atlas Free Tier)
Web Server: Vercel
Front-end Framework: React
Server-Side Language: Python
Web Application Framework: Flask
Additional Technologies: FastAPI
IDE: Visual Studio Code
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Item	Credentials
GitHub Repo	https://github.com/CSC-648-SFSU/csc648-04-Fall24-team01
Website URL	https://csc648-04-fall24-team01-one.vercel.app/
Cloud VM instance	ec2-3-101-117-161.us-west-1.compute.amazonaws.com Using command line: `ssh -i "csc648team01.pem" ubuntu@ec2-3-101-117-161.us-west-1.compute.amazonaws.com` PEM key provided via email.
Database URL	mongodb+srv://csc648@csc648-team1.cpmmq.mongodb.net/ Username: csc648 Password: 6So9gzE3Jw5Oenup

Addition information including your study plan for each technology

For each technology X,Y,Z, please describe Member's Familiarity with
X,Y,Z on a scale of 1 to 5, with 5 being very familiar and 1 being
never used it.

Member	AWS	MongoDB	Vercel	React	Flask
Eiffel	2	3	4	2	1
Luis	2	1	2	3	1
William	1	3	2	3	1
Kevin	2	2	2	3	1
Jay	2	4	1	1	4
Gio	3	1	1	1	4
Sneha	2	2	1	2	2

Based on our familiarity, we setup the following study plan.
- **Luis** - Week 9/16-9/20: Watch Github Videos and further
  understanding of Github
  Week 9/23-9/27: Learn front end stuff like refreshing on
  Javascript and learning React
  Week 9/30-10/4: Learn backend stuff likeMongoDB
- **William** - Week 9/16-9/20: refresh a bit on python, and learn
  how to set up flask as the backend
  Week 9/23-9/27: Learn other features that is available on
  flask, maybe make a small project to test run flask. learn how
  to start mongodb
  Week 9/30-10/4: Learn how to connect mongodb with flask
- **Kevin** - Week 9/16-9/20: Went back to my old project for front-
  end stuff to refresh. Also learn more feature in React for
  front-end. Week
  9/23-9/27: Learn how to publish our website on Vercel, by
  watching some videos and testing the features in Vercel.
  Week 9/30-10/4: Make sure to get familiar with Vercel in order
  to be more efficient to connect with both sides.
- **Sneha** - Week 9/16-9/20: Setting up react.js and watching some
  youtube videos of react. js
  Week 9/23-9/27: Continue to develop the website front end part
  and learn basics of Vercel by watching some videos
  Week 9/30-10/4: Learn more about Vercel (like some advances
  features for deployment)

- **Gio** – As a scrum master, I will study how to manage team members by simulating and organize all the tasks for this project.
  Additionally, to help back-end and front-end, I am going to study about mongodb and vercel in case of any conflicts or issues while implementing the project. This study plan will not be done/over, but will going along with the project until the demo presentation.
  Jay – Go through tutorials on Flash/ Fast Api (whichever framework we move forward with).
  Understand how docker containers are used.
  Tutorials on vercel and also git hub CI-CD.
- **Eiffel** – Now until Demo: learn leadership skills through reading articles and watching empowering leadership videos online. Brush up public speaking skills by practicing speaking with other people ideas, especially about tech.
  9/16-9/20: learn setting up Flask and Fast API, learn its capabilities by setting up a local server; brush up JavaScript skills, learn React by making mock websites, reading and doing official documentation tutorials.
  9/23-9/27: get familiar with MongoDB coming from MySQL/phpMyAdmin administrator; learn how to create calls with our Flask backend.