## **San Francisco State University**

## **CSC 648 - 848**

## **Milestone 0 Submission Form**

**Section 4 Team 5**

Below is a list of the technologies used in Team's software stack:

Server Host: Amazon Web Server 1vCPU 1 GB RAM

Operating System: Ubuntu 20.04 Server

Database: MySQL 8.0

Web Server: Nginx

Front-end Framework : React

Server-Side Language: Python

Web Application Framework : Flask

Additional Technologies:

* front-end: Axios, Vite, jest, bootstrap
* back-end: uWSGI (flask server), flask-restful, sqlalchemy, unitest
* tools: DataGrip (database management tool), postman (REST api test tool)

IDE: Visual Studio Code & Pycharm

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| **Item** | **Credentials** |
| **Website URL** | https://nexas.me/about |
| **Cloud VM instance** | Use SSH to connect to our instance  1. Download the .pem file  2. Give Read permission to .pem  chmod 400 [path\_to\_.pem]  3. Type in this command to connect  ssh -i “[path\_to\_.pem]” ubuntu@ec2-54-242-67-122.compute-1.amazonaws.com |
| **Database URL** | Our MySQL is on another server because the free tier server only has 1G memory  Connect from your local PC  mysql -u root -p -h 54.174.25.254  password: CSC648MySQL (DO NOT SHARE) |

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| 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.       |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  | AWS | Ubuntu | React | Python | Flask | MySQL | Nginx | | Xu Gu | 4 | 4 | 3 | 4 | 3 | 4 | 3 | | Ruxue Jin | 2 | 2 | 3 | 3 | 1 | 3 | 1 | | Yonatan Leake | 2 | 2 | 2 | 2 | 1 | 2 | 1 | | Raymond Liu | 2 | 3 | 1 | 3 | 1 | 1 | 1 | | Pasang Sherpa | 2 | 3 | 2 | 2 | 1 | 2 | 1 | | Junghyun Song | 2 | 2 | 2 | 3 | 1 | 2 | 1 | | Dante Vercelli | 2 | 2 | 2 | 3 | 1 | 2 | 1 |         Based on our familiarity, we set up the following study plan.  React & Other front-end technologies  o Who :  Ruxue  Junghyun  Yonatan  o Expected goal by next 4 weeks:  learn how to establish a simple page and how to call REST Api  Flask & MySQL & Other Backend Technologies  o Who :  Dante  Pasang  Raymond  Xu  o Expected goal by next 4 weeks:  learn to how to write a simple CRUD demo  Nginx  o Who :  All  o Expected goal by next 1 week:  How to deploy our about page to server |

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