## **San Francisco State University**

## **CSC 648 - 848**

## **Milestone 0 Submission Form**

**Section 01 Team 03**

**Below is a list of the technologies used in Team 03's software stack:**

* **Server Host**: Google Compute Engine 2vCPU 2 GB RAM
* **Operating System**: Ubuntu 18.04 LTS
* **Database**: MongoDB 6.0
* **Web Server**: nginx 1.23.3
* **Server-Side Language**: JavaScript
* **Web Application Framework**: Express 4.18.2
* **Front-End Framework**: React 18.2.0
* **Additional Technologies**: N/A
* **IDE**: Visual Studio Code

| **Item** | **Credentials** |
| --- | --- |
| **Website URL** | http://34.69.31.185/ |
| **SSH URL** | Go to Terminal and Enter: ssh teaching-assistant@34.69.31.185  Password is: nassim |
| **SSH Username** |
| **SSH Password/Key** |
| **Database URL** | Once SSH’ed into the VM, Enter: mongosh -u teachingAssistantUser --authenticationDatabase someapp  Password is: nassim |
| **Database Username** |
| **Database Password** |

**Additional Information/Study Plan:**

Member's familiarity as follows on a scale of 1 to 5, with 5 being very familiar and 1 being never used it:

|  | Google Compute Engine | Ubuntu | MongoDB | nginx | JavaScript | Express | React |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Jay Gupta | 2 | 2 | 3 | 2 | 5 | 5 | 4 |
| Essa Husary | 1 | 2 | 1 | 1 | 3 | 1 | 1 |
| Devin Kern | 1 | 2 | 1 | 1 | 3 | 1 | 1 |
| Justin Wang | 1 | 2 | 3 | 1 | 2 | 2 | 2 |
| Kevin Liu | 2 | 2 | 2 | 1 | 3 | 1 | 3 |
| Brandon Khuu | 1 | 2 | 1 | 1 | 2 | 1 | 1 |

Based on our familiarity, we setup the following study plan:

* Google Compute Engine: each member is reviewing Google's tutorials such as [this](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcodelabs.developers.google.com%2Fcodelabs%2Fcloud-webapp-hosting-gce%230&data=05%7C01%7Cehusary2%40mail.sfsu.edu%7C2d20bc98a66f41ada54c08db0b02d5cf%7Cd8fbe335822c41a987747f16709aac9f%7C0%7C0%7C638115879031000375%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=a3dqBsUFCYV6d8yTQH1pTSWsdbF2vjDr6B%2BJX4tfMSs%3D&reserved=0)
* Ubuntu: We will use the documentation if there are any issues; we used this before in previous classes such as CSC 415.
* MongoDB: each member is reviewing [this tutorial](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fplaylist%3Flist%3DPL4cUxeGkcC9h77dJ-QJlwGlZlTd4ecZOA&data=05%7C01%7Cehusary2%40mail.sfsu.edu%7C2d20bc98a66f41ada54c08db0b02d5cf%7Cd8fbe335822c41a987747f16709aac9f%7C0%7C0%7C638115879031000375%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=Mu0m1aSLbqpkTvgV7slJZPjEAalzHmTDnNMWMwUUWu0%3D&reserved=0)
* nginx: we are using the [documentation](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdocs.nginx.com%2F&data=05%7C01%7Cehusary2%40mail.sfsu.edu%7C2d20bc98a66f41ada54c08db0b02d5cf%7Cd8fbe335822c41a987747f16709aac9f%7C0%7C0%7C638115879031000375%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=fJmi%2BrPKRc1mLnIAKc4hPv8kS9lcjfhZUNblG8RiPg4%3D&reserved=0), as well as YouTube tutorials
* JavaScript: the front-end lead (Kevin Liu) will be holding meetings throughout the semester to update us on JavaScript standards and will be assisting other members
* Express: the back-end lead (Justin Wang) will be holding meetings throughout the semester to explain how Express works and will assist other members
* React: the front-end lead will assist other members, as explained for JavaScript. Each member is also independently going through the [documentation](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Freactjs.org%2Ftutorial%2Ftutorial.html&data=05%7C01%7Cehusary2%40mail.sfsu.edu%7C2d20bc98a66f41ada54c08db0b02d5cf%7Cd8fbe335822c41a987747f16709aac9f%7C0%7C0%7C638115879031000375%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=P6xM8trzFiGGwJn%2FeJqnZe34lGp4te3S3x4qMjsXEn0%3D&reserved=0).