## San Francisco State University

## CSC 648 - 848

## Milestone 0 Submission Form

**Section 04 Team 05**

Below is the list of the technologies we will use for our project:

* **Cloud Server**: AWS EC2
* **Operating System and Version Number**: Ubuntu Server 22.04 LTS (HVM)
* **Database and Version Number**: MySQL 8.0.33
* **Web Server**: Nginx 1.24.0
* **Server-side Language**: NodeJS
* **Web Application Framework**: Express
* **Front-end technology**: React
* **Additional technologies**
  + Libraries
    - Bootstrap 5 (Front-end)
  + IDE
    - VSCode

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| **Item** | **Credentials** |
| **Website URL** | <http://54.162.22.91>  As requested by TA, SSH key file was shared through email (file name: F23-648848-s4-t05-01-keypair.pem) |
| **Database URL** | MySQL Credentials:   * Host: f23-648848-s04-t05-db01.cm1ozochxs8u.us-east-1.rds.amazonaws.com * Port: 3306 * Username: ta\_spachchigar * ­Password: Teacher123#   As requested by TA, SSH key file was shared through email (file name: F23-648848-s4-t05-01-keypair.pem) |

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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 it.     |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | AWS | React (JS) | Bootstrap (HTML, CSS) | NodeJS (Express) | MySQL | Nginx | | Luis Aguilar | 2 | 3 | 4 | 1 | 2 | 1 | | Trevor Eichler | 1 | 2 | 1 | 2 | 2 | 1 | | Tyler Tam | 1 | 2 | 1 | 2 | 2 | 1 | | Lam Tran | 1 | 2 | 1 | 2 | 2 | 1 | | Andy Li | 1 | 2 | 1 | 2 | 2 | 1 |     Based on our familiarity, we setup the following study plan.   * React (JS)   + Who: Luis (Lead), Andy and Lam   + Expected goal by next 4 weeks:     - Complete web application that supports basic CRUD operations. * AWS   + Who: Luis (Lead), Tyler   + Expected goal by next 4 weeks:     - Configure EC2 compute engine and MySQL database server. * Bootstrap   + Who: Luis (Lead), Andy   + Expected goal by next 4 weeks:     - Download and configure Bootstrap 5 in the front-end code. * NodeJS (Express)   + Who: Lam, Trevor   + Expected goal by next 4 weeks:     - Complete REST API that supports basic CRUD operations. * MySQL   + Who: Lam, Trevor   + Expected goal by next 4 weeks:     - Create database and configure tables that supports basic CRUD operations. * Nginx   + Who: Luis (Lead), Tyler   + Expected goal by next 4 weeks:     - Configure Nginx web server to host initial version of the code. |