

CPSC 304 Project Cover Page

Milestone #: 3

Date: 2024.10.25

Group Number: 55

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Milestone 2

Step 2: Summary:

Our project is a restaurant rating app designed to enhance customer engagement by allowing users to post reviews, rate restaurants and dishes, and manage personalized favorite lists. It also enables restaurants to manage staff roles, update dish details, and let owner post promotions.

Step 3: Timeline and task breakdown/assignment:

1. Basic Setup: By Nov.1st

- PHP + Oracle Tech Stack (Adapted from sample project)
- Create samples for each file, to be replicated when adding additional functionality
- Frontend
 - index.html: Basic frontend components
 - PHP
 - Parse input data and make backend requests, then display response
- Backend
 - appController, PHP: Defines API routes with express
 - appService, PHP: Connects to DB and makes queries
- Practice deploying on Node.js

2. Adapting SQL Script: By Nov 7th

- Adapt the starter SQL scripts to our project (ex. all.sql)
 - Creating all tables
 - Inserting enough tuples for testing: Jiakang Huang

3. Query Ideation: By Nov 7th

- What is each query going to do

4. Implementing Queries (end to end):

- Insert
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang

- Update
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Delete
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Selection
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Projection First 5 by Nov 14th
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Join
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Aggregation by GROUP BY
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Aggregation with HAVING
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Nested aggregation with GROUP BY
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang
- Division Last 5 by Nov 21st
 - Front-end: Luocheng Shi
 - Backend: Kexin Feng, Jiakang Huang

5. Refine GUI: By Nov 24th: Kexin Feng

- Split into separate pages
- Drop-down menus (if needed)
- Button to reset database (calls setup script)

6. Miscellaneous Tasks: By Nov 28th: Luo Cheng Shi

- Insert more tuples in preparation for Demo (if needed)
- Testing + Error handling
- Extra time to debug
- Compile Milestone 4 PDF
- Practice for Milestone 5 Demo

Step 4: The deliverables from milestones 1 and 2 have been added to the repository:

No change