University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: ___3_____

Date: _October 16, 2024_

Group Number: _11_____

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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

Summary

"Foodie" is a specialized restaurant and cafe review platform that allows users to leave detailed reviews on individual dishes, service, wait times, and amenities, addressing the lack of dish-specific feedback on platforms like Tripadvisor or Yelp. Users can also browse nearby food locations, filtering by ratings, dish prices, and popular photos, with all data stored in a MySQL database and the application built using React.js for the frontend and Express.js for the backend.

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https://github.students.cs.ubc.ca/CPSC304-2024W-T1/project_h9u3i_i1g9a_o6d9r

Task Assignment/Timeline
1. **Design DB (1.5 weeks by Nov. 4)**
   - Define tables according to ER diagram
   - Implement all functional dependencies
   - Add dummy data from milestone 2
2. **Design Backend (2 weeks by Nov. 18)**
   - Create classes (or interfaces) to model each entity in database
   - Create a data persistence class to store all loaded data into .json files (to make loading data easier next time)
   - Write controller classes to handle user inputs through endpoints
   - Write service classes to handle business logic and database operations
3. **Design Frontend (1.5 weeks by Nov. 28)**
   - Create REST API's to connect the backend with the frontend. For now, the project will be run on localhost.
   - Design and implement the user interface for submitting detailed reviews on individual dishes, service, wait times, and amenities.
   - Develop the UI to display reviews, including dish-specific feedback and user-uploaded photos.
   - Build a user profile page where users can view their past reviews, followed food locations, and favorite dishes.

We will work on all tasks together