

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 25

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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 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

## **Project Description**

We will be modeling the food takeout delivery domain, in particular, information regarding delivery orders such as the food items the order contains, which restaurant prepared the order, the deliverer of the order, the customer who ordered it, how the order was paid, and reviews regarding the experience.

## **Database Specification**

This system makes placing and managing food delivery orders as easy and contactless as possible. It allows restaurants to add, remove, update each food item, and it allows customers to browse through a selection of restaurants and the most up to date dishes they provide. All parties involved (restaurants, deliverers, and customers) could get live updates about their current orders as well as the full history of past orders. The customer also has the option to choose between the delivery or pick up option for their order.

There will be three different classes of users: customer, deliverer, and restaurant. The restaurant offers various types of menus, including morning, lunch, dinner menus. Each menu has a list of food items the customer can order. The restaurant will be able to add, remove, and change the price and description of each food item. The customer can order dishes from one restaurant per order, and they can write reviews for the restaurant or the deliverer of the order.

## **Application Platform**

This project will use the CPSC department's SQLite database system, and we will use Java and JDBC to interact with the SQLite database. We will use React.js to create the front-end user interface.

