University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 25

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Heeseop An	78513967	t3r1y	heeseop.an@gmail.com
Jeremy Hay	31764715	l7a3b	hayjer000@gmail.com
Dabin Im	20780946	b7c7l	ldb1216@gmail.com

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.

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Project Description

Application Domain: WeCanCook is a meal kit service that allows people to find new recipes and interesting posts from food-related influencers and professional chefs, and interact with these posts by leaving comments/reactions. The application allows users to order collections of recipes in "meal kits" which arrive every week. They find and order recipes by browsing posts, which each focus on one or more recipes. The recipes also contain a list of ingredients, and users can find other recipes made with similar ingredients.

Database: The database will model the posts, users, comments, ingredients, recipes, meal kits, and orders.

Database Specifications

The database will enable users to find posts by searching/filtering in various ways, as well as finding recipes similar to other recipes they liked. It will also allow the comments made on posts to be related to that post specifically, while being deleted if the post is deleted (comments are a weak entity of posts). The database will also facilitate the management of the orders by storing them and all relevant attributes and relationships (such as which meal kits are contained in the order).

Application Platform

This project will be done using the CPSC department's Oracle database system, using JavaScript, HTML/CSS, PHP.

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