

CPSC 304 Project Cover Page

Milestone #: __1__

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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

Project Description

This application is for cafes and coffee shops, focusing specifically on inventory management and recipe directions for drinks. Since different drinks follow specific recipes, a large part of the database breaks down the components of the cafe beverages. The differing methods of making these drinks are expanded upon, including the slight variation in the amounts or types of ingredients. Another portion of the database focuses on the domain of inventory management, which establishes how the cafe is supplied with its drink components. Specifically, the database shows how the cafe's sales are used in this process and the various details in purchasing these ingredients, such as the supplier's location, their available coffee bean types, and delivery options.

Database Specifications

The owner of the cafe is able to view the recipes for each drink, including the type, toppings, and other additions, as well as the required amounts of each. Additionally, owners are able to see where they can purchase each ingredient and add ingredients to a shopping list. Depending on the shop's funds, these items can then be ordered and delivered to the cafe. Employees at the cafe can view the recipes and the preparation steps for each drink.

Application Platform

Our project will use the department provided Oracle server and our expected application technology stack will be the web and PHP.

ER Diagram

