University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 123

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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

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Project Description

This project resides in the domain of the food industry, specifically customer satisfaction within establishments selling food. In order to see if a restaurant is good, many people turn to food review sources. However, the majority of these applications only focus on the restaurants, and not the food itself. As a result, although one may discover a good food spot through reviews, it may be unclear what items are actually worth getting. This is where our project comes in. By maintaining a record of reviews on the menu items of restaurants, users are able to grasp an idea of what to order.
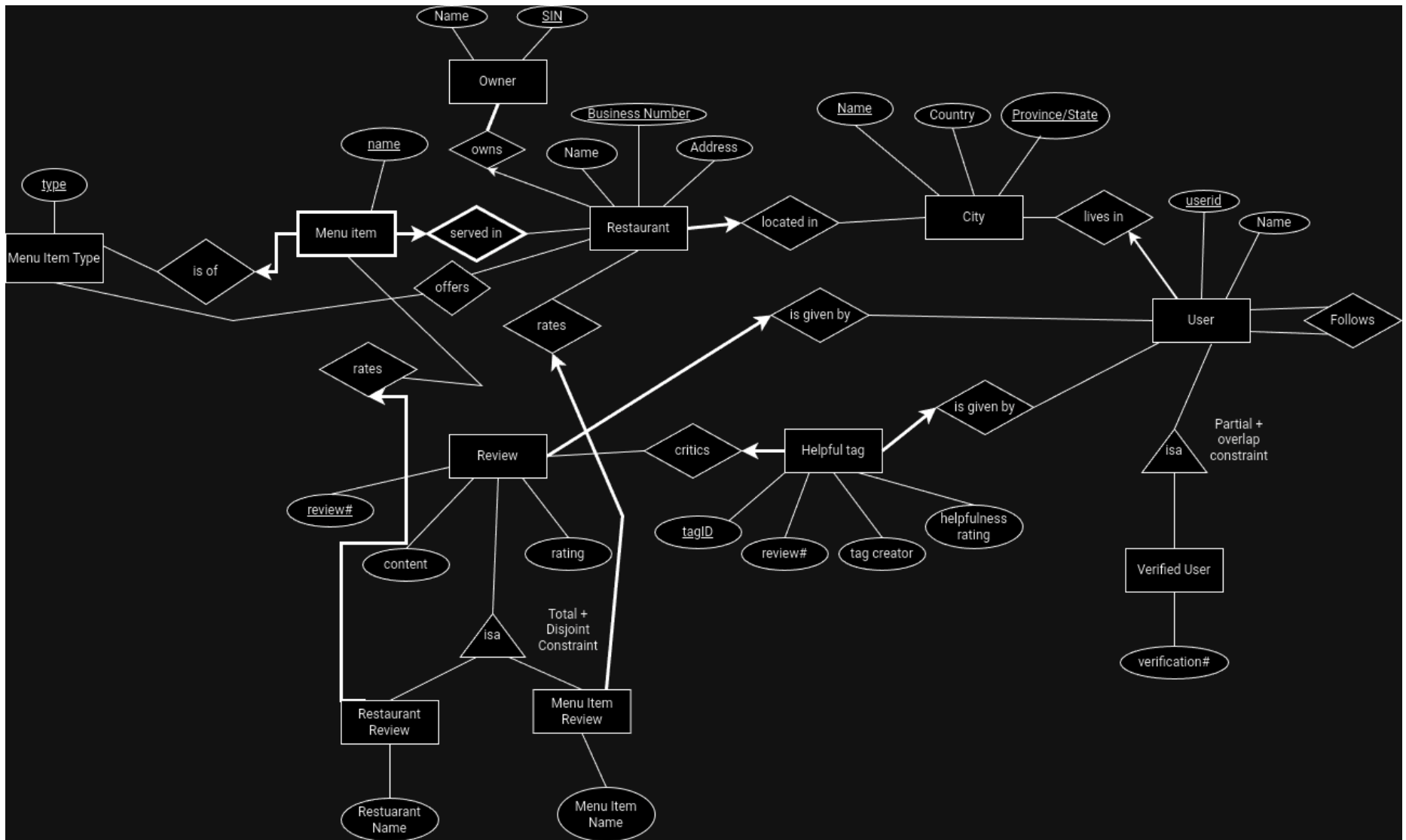
Database Specifications

Users with access to this database will be able to read, create and manage reviews for restaurants and their menu items. With the saving of cities, users will also be able to query and find reviews based on their city or the cities of restaurants. To ensure that reviews are helpful, users will also be able to review the reviews themself and mark them off as helpful or not.

Description of Application Platform

The application will use the department provided Oracle database. To interact with our database, we will use Node.js, and we will have a JavaScript frontend for displaying our data.

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ER Diagram

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Additional Comments:

We have an entity Menu Item Type with only one attribute, type. The reason why we decided to use an entity to describe a menu item's type instead of an attribute is because many food items may have the same type (Ex. California Roll and Salmon Nigiri are of type Sushi). As a result, we choose an entity to reduce repetitiveness.