University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #1

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Group Number: 9

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Hailey Wu	72671456	c2v9l	haileyyiyu@gmail.com
Madeline Dow	75243949	a4d8w	mdow@student.ubc.ca
Sophia Zhou	55661094	r8a0q	realsophiazhou@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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The domain that we're going to model is an amusement park. We are going to be focusing on the data that is stored about the things that visitors do when they are at the park.

Park visitors are either adults or children, and all visitors can go on rides, watch shows, and dine at restaurants in the park. No two rides have the same name. Each show is performed by a group, which consists of at least one actor. The shows are specified based on the show name and the time it starts. Each actor belongs to a single group and has a unique stage name. A staff member, identified by ID, can operate multiple rides, and each ride can only have one operator. Visitors can dine at restaurants which serve alcoholic beverages to adults only. Each restaurant has a unique name. The alcoholic drinks are a weak entity and are identified by a combination of the drink name and the restaurant name.

The benefits of this ER diagram is that it helps the amusement park company know what the visitors are doing throughout the day to keep track of their activity patterns. For example, they can know how many people watch shows throughout the day, or track how many dine at the restaurants and order drinks.

We have planned two different classes of users: visitors and staff. The visitors can access information regarding the rides, shows and the groups performing them, and restaurants and alcoholic beverages available. Visitors are not allowed to access information about the actors and staff. The staff will be able to access all available information in the database including information about the actors in groups that are performing at shows.

This project will be done using the CPSC Department's Oracle database system, using PHP. No special software or hardware should be required.

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