CPSC 304 Project Cover Page

Milestone #: ____1____

Date: ___2021/10/02_____

Group Number: ____70_____

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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

Domain: The domain we are going to model is a Blog platform. That is, we are going to focus on the data of the blog user information, and their blogs and comments.

Aspects of the domain: We will focus on blog users, including their registration information (username, password, gender, birthdate), their subscripts (like music blogs music under the "Music Fan Community, the blogs they have posted, and the comments they post below each blog. There will be different kinds of blogs, and users can comment and subscribe to these bloges.

Users will be able to set their password, email and a security question, and they can retrieve the password by answering the security question.

There will be two different sets that can access the platform: the user and the administrator. The user will be able to access their blogs (including post, modify and delete the blogs), viewing other's blogs. The administrator will monitor the community and will be able to delete (bad) blogs/comments.

There will be two kinds of users, the general user and the vip user. The VIP user account has more functionalities, for example they can create folders and save their favorite posts into the folder.

Database Specification: The benefit of using the database for this application is that efficiently and securely access the storing information (post, user information). We basically access tables. The database will provide us functionalities like storing posts, user informations, and quickly access it when needed.

Also, as mentioned above, there are two roles, user and the administrator. Users can post blogs, make comments, and find their password. The administrator can monitor the community and ban users from posting (if they had previously posted bad things).

The users can be normal users and premium (VIP) users. VIP users can subscribe their favorite post into their personal folder.

Application Platform: The project will be held on a website. The front-end construction will involve HTML, CSS. We choose to use PHP and Oracle as our database management system. We will use the department Oracle server for SQL.

ER Disgram: