University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 60

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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

The project is a social platform that manages outdoor, dog walking activities. The domain of this project focuses on “pet wellbeing”, which relates to pet care, recreation, and health. This mainly caters for people that are dog owners and want to guarantee their dogs to receive consistent stimulation by regular walks.

The platform of the database encapsulates essential elements of managing these dog-walking activities. First, it stores data about each of the owner’s dogs, such as name, breed, age, etc. Second, it also stores recorded and future walk events, that includes place, time, and distance. Lastly, the database also stores the posts the owner has made based on a walking session with a dog.

This in the end, will encourage owners to meet their dog’s daily walking goals and further bond with their pets.

Database Specifications

Owners will be able to store, edit, and retrieve information about each of their dogs. They can also schedule future walks by organizing a walk task, which they may receive notifications from the platform, depending on if the event is happening.

The registered dogs in the database can be managed and get their walks recorded. Owners can then create/edit/delete posts based on these walks. The information of the post will be seen (or removed) and notified (through notifications) by their friends who are other owners registered in the platform.

Description of the Application Platform

The dog walking project will use a database implemented in MySQL. The medium would be a CRUD-based, web application. Due to this, it will be built in JavaScript, using React.js as the frontend library, and Node.js as the backend.

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ER Diagram