University of British Columbia, Vancouver

Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: Milestone 1

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Group Number: Project Group 3

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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

Community gardens are an important part of the community, especially in Vancouver, which has over 110 community gardens. They are usually managed by non-profit organizations and they contribute to urban agriculture. In order to better manage these community gardens, organizations need to have a robust application to maintain the logistics for their gardens.

Our application's domain focuses on agriculture and logistics. The database manages logistics by tracking plot assignments, personnel information for volunteer gardeners, and the inventory of shared seeds and tools. It also supports agriculture by monitoring the plants in each garden plot, specifically for community gardens.

Database Specification

The database will store the inventory for seeds, tools, plots, and volunteer gardeners. It can be used to track the growth of various plants in the garden plots by storing the varieties of plants grown in each plot. It will record various donations of seeds and tools to the garden. Finally, it will store the contact information for the managers of each garden.

Application Platform

We will be using the department-provided Oracle server for our database. The application will be using the NodeJS/Javascript technology stack.

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ER Diagram: