University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 108

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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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A brief project description answering these questions:

a. **What is the domain of the application? Describe it. The domain of an application refers to the area of knowledge your application resides in. For example, if I am making an application for a hospital, the domain would be something like healthcare/patient management/logistics (it would depend on what the application is trying to do).**

We are making an application for the **co-op program**, so the domain would be **student co-op application management**. We are assuming that the student is already in the co-op program.

b. **What aspects of the domain are modeled by the database? In answering this question, you will want to talk about what your project is trying to address and how it fits within the domain. It is likely that in the process of answering these questions you will bring up examples of a real-life situation that the application could be applied to.**

The database will provide storage and retrieval of data related to various aspects of a co-op program. Some key aspects of the domain that the database will support includes: student profiles, job applications, coordinator information, and application history.

Database specifications: (3-5 sentences)

a. **What functionality will the database provide? I.e., what kinds of things will people using the database be able to do.**

Our database will **help students manage their co-op job applications**. Some functionalities our database provides include storing information for the different departments in the co-op program so students can easily find their co-op advisors and contact them, and allowing students to navigate a job board and view all the postings from different companies. Students can also keep track of and view how many applications they have submitted, what companies they have applied for, and what companies they have interviewed for.

Description of the application platform: (2-3 sentences)

a. **What database will your project use (department provided Oracle, MySQL, etc.)? See the "Project Platforms" section of this document for more information.**

For this project, we will be using **Oracle** as our database.

b. What is your expected application technology stack (i.e., what programming languages and libraries do you want to use)? See the "Project Platforms" section of this document for more information. (You can change/adjust your tech stack later as you learn more about how to get started for the project via latter tutorials.)

We plan to use **Java** as our programming language.

An ER diagram of the database that your application will use: