
CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 93

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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

2.A brief project description answering these questions:

a.What is the domain of the application? Describe it

The domain of our application is University/College Housing.

b.What aspects of the domain are modeled by the database?

We have modeled the relationships between residents and residences and other relationships that occur in a typical university housing system. A single 'Campus' has different 'Residences' that have many 'Residents' who are given a 'Room Assignment'. There are also 'Residence Staff' who oversee management and maintenance of the residences. The residences get 'Applications' from many different types of 'Residents'. Residences also have various 'Amenities'. If residents are part of the 'CFA' or the Centre for Accessibility, they can receive housing accommodations.

3.Database specifications: (3-5 sentences)

a.What functionality will the database provide?

This database will put all university housing related data into one system, so that we can make queries based on the data we have gathered. We can organize all data about residents living in a residence based on what type of resident they are and what residence they live in. For example, with our database we can look up information about a specific resident and obtain all information regarding that resident. This would be useful for things like delivering a parcel to the correct resident, determining which residences a resident has access to, which unit number to send building maintenance to, etc.

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

a.What platform will your project use(PHP/JDBC/etc.)?

JDBC (Java database connectivity) We're using JDBC because all 3 of us are familiar with Java. JDBC is a standard API that allows Java programs to access database management systems.

b.What is your expected application technology stack (i.e., any other things that you're using other than whether you're using PHP or JDBC)? Note that for DBMSs, we will only provide support for using the department's installation of Oracle. You are on your own for anything else.

i.You can change/adjust your tech stack later as you learn more about how to get started for the project via latter tutorials.

For now, we are only planning to use JDBC. We might adjust our tech stack in the future accordingly.

