

CPSC 304 Project Cover Page

Milestone #: __1__

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Group Number: __66__

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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

Domain of the Application: Immigration and Visa Issuing

Our database system aims to model the immigration system for the country of Canada. We will model the visa application process for visa applicants who intend to work and study in Canada, visa-issuing by an embassy or a consulate, and logging of travel history and records of Canadian visa-holders.

We believe that this application domain is suitable for CPSC 304. Many foreigners apply for Canadian visas for many different reasons, and Canada offers a great variety of visas. Applicants need to submit their personal information when applying for a visa, and sometimes interviews are required. We are dealing with a ton of data and the data are interconnected. Hence, we believe that a relational database system that focuses on the relationships between data entries is best suited for this project.

Potential Functionalities:

- Storing personal information of each visa applicants
- Filing visa applications from visa applicants
- Scheduling interview appointments with immigration officers at an embassy or a consulate for visa application when required
- Verifying student visa applicants are enrolled in approved secondary institutions; work visa applicants are sponsored by legitimate companies
- Keeping track of visa status
- Logging travel history & records for visa-holders

Application Platform: PHP/Oracle

