

# CPSC 304 Project Cover Page

Milestone #: 3

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Group Number: 93

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Simon Mattern	85839439	m7r9u	SimonMattern03@gmail.com
Gavin Krebbers	47192521	d4o5r	gkrebbers5@gmail.com
Adrian Leung	52615242	f8e6e	adrian.leung4228@gmail.com

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

## Project Description:

Our goal for this project is to create a citizen science application, specifically focusing on tracking and documenting the distribution of marine flora and fauna species. Not only will the application assist in scientific research, such as ecological surveys and documentation of rare species, but it will also provide an outlet for hobbyists to explore, record and collaborate about the dynamic aquatic landscape.

## Timeline and Task Breakdown/Assignment:

Implementation order of priority:

- Account registration functionality (user/professional)
  - User ID
  - Password
- Account registration frontend
- Group chat functionality
- Group chat frontend
- Implement the ability to create projects
- Frontend for project creation
- Ability to create observations
- Frontend for observation creation
- Ability to add observations to projects
  - Ability to add media
- Create the ability to browse through projects and observations
- Professional verifying observation

Task Breakdown:

- Gavin: backend
- Simon + Adrian: frontend + SQL + UX design

Deadlines:

- Group chat (11/07)
- Account registration (11/07)
- Project management (11/14)
- Project contribution (11/14)

- Observation creation (11/21)
- Browsing (11/28)

If we have enough time:

- Letting professionals create more species data and locations,

Implementation will be done in chunks (i.e. we will finish all of the functionality and frontend for one component of the project before moving on to the next component).