

CPSC 304 Project Cover Page

Milestone #: 1

Date: 30/9/2022

Group Number: 81

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Abdullah Eshaq	32999518	u0j3b	eshaq@student.ubc.ca
Oussama Saoudi	69249035	p9l4q	bsaoudi@student.ubc.ca
Oliver Oxford	81360497	l3v1o	oliox@student.ubc.ca

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:

The project will be a version control system with project management features. The application domain is software development and tracking project progress and collaboration. Its database will allow users to store files in repositories and then update them with commits, retaining a version history in the process. It will also feature several collaboration features to aid in working with other users, including project boards, issues, and organizations.

Database Specifications:

The database will represent files and directories belonging to repositories. A repository tracks the changes made to its files with commits submitted by users. The database will also have a project management system consisting of project boards, organizations and issues. Project boards maintain a set of issues raised regarding a repository. Organizations are responsible for creating repositories and maintaining a set of users who are members of those organizations.

Application Platform:

Our application will use Oracle for the database and will use JDBC to connect with Java, which we will use to allow the user to interact with the application via the command line.

ER Diagram:

