

CPSC 304 Project Cover Page

Milestone #: 1

Date: October 6, 2023

Group Number: 57

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Daven Froberg	84770833	m8z5c	davenfroberg@gmail.com
Olti Maluku	58124116	t0i2h	oltimaloku555@gmail.com
Ricky Luo	53129250	p1e5l	rickyluo7@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

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

We are creating a social media application to allow users to share posts within communities and with other users. This is modelling what a typical social media platform would look like, with posts, users, communities, admins, events, tickets, and comments.

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

- Users
 - Can follow other users
 - Can join communities
 - Can comment on posts
- Posts (ISA)
 - Subtypes:
 - videos
 - have captions
 - photos
 - have captions
 - text posts
 - Posts have titles
- Comments
 - Comments can be made on posts by users
- Communities
 - Users can be a part of communities
- Events
 - Hosted by/part of communities
 - Users can participate
- Awards (weak entity)
 - Awards can be awarded to posts
- Help Tickets
 - Created by users
 - Admins can review these
- Admins
 - Can reviews tickets

3.a. 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?

Users will be able to post photos, videos, or text posts to the social media platform. Other users will be able to comment on these posts. Users will be able to follow other users. A user will be able to be a part of a community to see posts that are posted within this community. Communities will have events that users a part of the community can attend. Users will be able to create a help ticket about the platform which is reviewed by an admin. Posts can have awards on them if chosen.

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

We will be using Oracle as our DBMS. We will use Java as the language to implement our application. JDBC will be used as our system.

5. An ER diagram for the database that your application will use.

See attached at end.

7. Other comments, as appropriate, to explain your project.

