

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 30

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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

Project description:

It's a social media site similar to Reddit where a user can post picture and text posts and upvote and downvote other posts. For every user, their username, password, join date, and avatar is recorded. Users can subscribe to different subreddits with subsections of posts, which are run by admins. Admins can ban users and choose which ads to display in the subreddit. The site also has live broadcasts, which can be given one or more thumbnails to be shown in a post promoting the livestream. Users can also be friends with each other and direct message each other.

Database specification:

The database would be useful for anyone who is trying to analyze social media interaction because it will show every kind of interaction that is made there. This could be people trying to boost a personal profile, advertisers, or just media analysts. It could also be used in the backend of the website to know what to display on each post in the frontend (author, number of downvotes, etc.)

Description of the application platform:

Typescript or JDBC on the backend, React on the frontend with a SPA web app. Our database will be MySQLbased and will be hosted on Azure Cloud.

ER diagram:

