

Project Milestone 1

CPSC 304

Group# 15

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10/8/2021

The domain of our project will revolve around a review site/social network - solely focused on video games. We'll be storing data about games, their developers, the studio, ranking, our users, and their reviews. The main aspects of the domain that are modeled are users, games, and reviews. The use of a database is essential because we need to have access to the data for our backend to work. Applying CPSC 304 concepts is crucial to appropriately model entities and relationships around said aspects and allow for as many features as possible using the data stored without limitations on app functions.

The functionality that the database provides is an ability to store data specific to each game, user, review and other complementary entities. For example, a game would have its name, release date, studio, developers and an average score. Each game would be related with user-created reviews that will have their review ID, score, verdict and write-up. The users would have a username, list of reviews, favorite games collection and so forth. The benefit of the database, apart from storing the data, is that it gives our application an ability to relate games with their reviews and the users who left them.

In addition to the generic user, there will also be two other types of users that will have additional features catered to their roles. A verified user will have a checkmark-like distinction associated with their profile (similar to Twitter). They will be given priority in reviews meaning that their reviews will show up on the top for a game. They'll also have the ability to publish news or articles about games. An admin will have the ability to add new games to the application and monitor verified user articles to publish them if it's deemed appropriate.

Moreover, we plan to implement a collection entity where users will have the ability to create data collections on their wishlist and previously played games. The data stored in these collections will be used to provide more information to users when they're viewing reviews.

This project will be done using the CPSC department's Oracle database system, using Java and JDBC. TAs will be an important source of information as well as internet forums to learn how to effectively use these platforms and languages. We currently don't expect to use any additional special software or hardware.

