CPSC 304 Project Cover Page

University of British Columbia, Vancouver

Department of Computer Science

Milestone: 01

Date: October 6, 2023

Group Number: 102

Name	Student Number	CS Alias (Userid)	Preferred Email Address
William Chow	93966943	x3c4k	williamchow604@gmail.com
Simrit Nijjar	66234287	s9m3h	simritnijjar@outlook.com
Davis Horton	17572686	i2o5k	hortondavis1@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

Domain

The domain of the application is video-on-demand.

Aspects Modelled by Dataset

The aspects of the domain that are modelled by the database are video-to-consumer distribution, video subscription services, video catalogs, and the users of the services. Nowadays there are multiple streaming services, each with their own collection of content. Our application will let users manage all their subscriptions, watch history, and custom lists for future content they plan to consume.

Database Specification

Functionality

The database will allow users to look up content from specific streaming services. They will be able to refine their search based on media type, genre, version, and season. The users will be able to view and manage their subscriptions to each service. They will also be able to view their watch history along with viewing and editing custom watchlists that span all their applicable subscriptions.
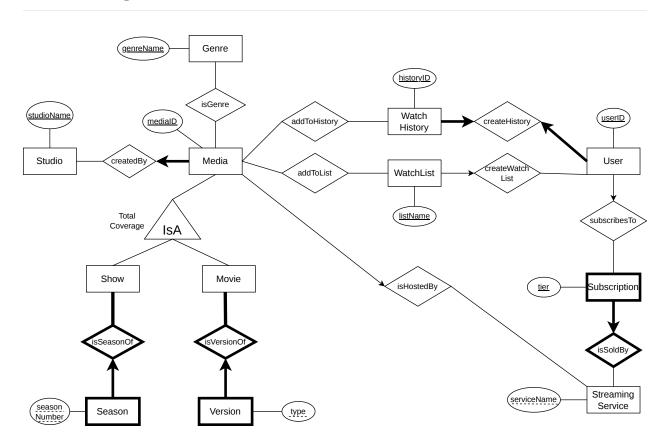
Application Platform

Database Platform

For our project we plan to use the Oracle database management system. This is mostly because of the compatibility with the course itself, along with the additional help that is available via course staff.

Technology Stack

We are planning to use PHP along with the Oracle database as our expected
application technology stack. Our second option is to use Java/JDBC along with Oracle
if we find it suits our needs better.

ER Diagram