# CS355 Databases

# Fall 2019

# Project Proposal

**[Content Recommendation System]**

Affan Amir Mir (am04405)

Muhammad Ahsan Syed (ms02743)

# *Submitted to*

Ayaz Khan

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Habib University, Karachi

**Introduction**

A preference selection database that will allow users to search for the category of content they like. It will also give them the option to specify the number of seasons, episodes, animation studio and it will retrieve items from database according to the selected preferences. Users will also have the option to create different Watch lists accordingly and add and remove different shows/movies in it.

**Example for a show:**

Name: Dragon Ball Z

Category: fall 2019 etc..

Genre: shonen, shoujo, action etc..

Description: In this anime the protagonist X does Y while trying to xyz….

Japanese name: 少年アシベ GO! GO! ゴマちゃん 4

Audio: subbed or dubbed

Episode and Season Number.

Movie series and parts.

Status: On going anime, finished anime etc.

**Modules of the System**

Admin:

Add and delete shows

Each show may be animated show or movie as well as live action show or movie

If it is a movie how many parts does it have

If it is a show than how many seasons an episodes does it have

What is studio produced the show/movie

What is the description of the show/movie

**Instructor's Comments: In addition to the problem statement and objectives of the project, you were also required to write the business scenario that can be used to draw the system's ERD and design the interfaces. So, you should include the complete business scenario with details of entities and its attributes, business processes, relationships, and constraints.**

User:  
Search details of particular show depending on what they want (ie Movie, Category, Show, Anime, Genre etc.)

Create and delete different watch lists

Add and Remove shows in watch list

**Front-end Development**

Our current application will be a ‘Content Recommendation System’ which will be a Windows application form that will be used to search shows & movies depending on user preference and then a view details form will be implemented showing all details of selected movie/show and the option to add it to your own personalized Watch list.

**Clearly list down the difference interfaces to be used by the user and admin.**

**Tools& Technologies**

Back-end: SQL Server

Front-end: C# Windows Application form