

## TV Show Categorizer

- By Cognixia

## Change history

- Document Created 07/16/2024

## Overview

The purpose of this TV Show Categorizer(TVSC) is to be able to track shows that users are watching or want to watch in the future. If they want to track their show, they can mark down what episode they left off on. They can see the rating of the shows, and they can see how many users have watched or are currently watching a given show. This is an outstanding tool for those who want to see how popular a show is, and how far along they are in relation to everyone else. This is a new kind of social media application, but this time for movies.

## Objectives

- Users can login or create an account
- Add TV shows to watched list
- Add TV shows to currently watching list
- Add TV shows to a "To Watch" list
- Rate shows at will
- See the average score for any given show
- See how many users are currently watching, have completed, or plan to watch in the future
- Give admin special privileges

## Success Metrics

- Minimal bug reports
- Reliable display of information on console
- Intuitive User Experience
- High User Satisfaction Rating

## Messaging

- In an age where people have shorter term memories than ever before, this tool compensates for this ever declining faculty.
- Able to share with friends what shows users have watched.
- Can see the quality of shows before watching
- Everything in life is being simplified due to technology, but nobody has attempted to do this yet.

## Timeline & Release Planning

- Product ready for launch June 2024

## Personas

- Paul, a part time college student
- Susan, a retiree with memory problems
- Blake, a 7th grade action movie fanatic

## Scenarios

- Paul likes to share with his online friends the shows he's watching this week
- Susan needs to keep track of the shows she has watched so she does not watch them again
- Blake likes to share screenshots of the shows he's watching to show his friends

## Features In

[M] denotes minimum viable experience requirement for TVSC

- [M] A menu where users can navigate to different options to update what shows they are watching, have watched, or plan to watch.
- [M] Users can login with a username and password
- [M] List all shows and details with Search

## Designs

- ER Diagram
- Database Scheme called tv\_shows
- Model classes: User and Show
  - All getters and setters for columns that are needed from database
- Implement basic DAO interface
  - Implements DAO interface for Show and User class to be able to implement in separate implementation classes
- User Authentication
  - Confirms if user exists in the database
- Account Creation
  - Method executes that prompts account creation when asked
- Implement method to retrieve shows by status
  - Text-based menu system for user navigation
  - Input validation and error handling
- Example Use Cases
  - Login Flow
  - Prompt the user for username and password

- Authenticate user against database records

## Q&A

- Reach out and ask if you have any questions!
- Phone number: 555-555-5555