BINGE BUDDY
Data Design Document

Submitted to:

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for the course
CS 191 Software Engineering I
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Unique Reference:

The documents are stored in the https://github.com/Riler4899/Cs-191-Show-Tracker.

Document Purpose:

The purpose of this is to show the database and relations between data objects of the system.
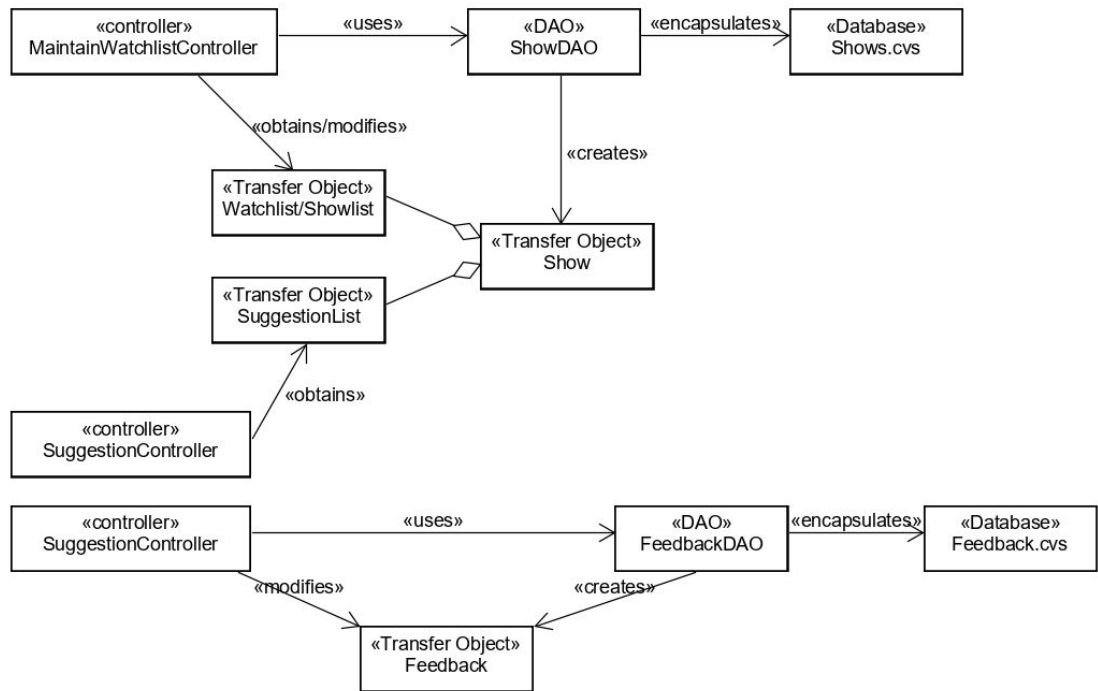

Target Audience:

People who are involved with the project

Revision Control

History Revision:

Revision Date	Person Responsible	Version Number	Contribution/Modification
10/22/19	Pineda, Lance Dominic M.	1.0	Initial Document, added Data Design elements
10/25/19	Sison, Abelardo III P.	2.0	Added databases
10/25/19	Jose, Giovan Samuel R.	2.1	Updated Classes. Added Data Design

Data Design:

Data Access Object (DAO) or DBClasses:

Class Name	Description
ShowDAO	This data access object is responsible for getting show data from a database from a file with filename, Shows.cvs.
FeedbackDAO	This data access object is responsible for sending messages to the database from a database from a file with filename, Feedback.cvs.
DBShow	This data access object is responsible for getting show data from a database

TransferObject or Persistent Classes:

Class Name	Description
Show	This transfer object is responsible for holding the details of a show
Watchlist/Showlist	This transfer object or persistent class list is responsible for holding a list of shows
SuggestionList	This transfer object or persistent class list is responsible for holding a list of shows to be used as suggestions
Feedback	This transfer object is responsible for storing the message of a feedback response

Database Name: Binge Buddy database

Description: This is the database that contains the tables regarding shows, feedback and users. Here are the said tables and their descriptions:

Tables	Descriptions
Users	List of Users and their info
Shows	List of Shows
Feedback	Contains the feedback from a user

Logical Database Design:

SHOW

showid	showName	genre	releaseDate	station	episodes
SMALLINT	VARCHAR(250)	VARCHAR(250)	DATE (YYYY-MM-DD)	VARCHAR(250)	INT
PK					
123456	YOU	THRILLER	2018-09-09	Netflix	10

USER

userName	genrePreference	age	country	noHrsPerViewing
VARCHAR(250)	VARCHAR(250)	SMALLINT	VARCHAR(250)	SMALLINT
PK				
XYZ	HORROR	18	TAIWAN	5

FEEDBACK

messageID	messageFeedback	complaintTag	dateSent
SMALLINT	VARCHAR(500)	VARCHAR(1)	DATE (YYYY-MM-DD)
PK			
123	"I really like this app"	N	2019-10-25