	DatabaseCommand
AddCommand	
• Command that handles adding information to a database.	

CommandUtils	
• Generates the correct amount of question marks for the PreparedStatement.	

Abstract **DatabaseCommand**	
• Holds all relevant/shared information and methods for Database-related commands.	

Interface **ICommand**	
• Interface for all types of Commands.	

	DatabaseCommand
ModifyCommand	
• Change information about an entry in the database.	

	DatabaseCommand
RemoveCommand	
• Deletes an entry in the database.	

SwapCommand

- Changes the current View to another View.

ValidateCommand

- Validates an entry in the database.

UserManager

- Controls whether a given user exists, and can log in or not.

Abstract
GMedia

PMedia

- Controls the title, type, genre, and duration properties of media.

GMedia
PMedia

- Controls the startDate, endDate, and status properties of media.

Abstract
AbstractListener

AddMediaListener, AddUserListener, ModifyMediaListener, RemoveMediaListener, SwapStateListener, ValidateLoginListener

- Allows for abstraction of variables between listeners and lets them work abstractly, without conflict of what types they need to work.

AddMediaListener	AbstractListener
• Deals with taking user input about a specific media	

AddUserListener	AbstractListener
• Adds the given user information into the database. • Checks if given a state to swap states with.	

ModifyMediaListener	AbstractListener
• Modifies a show.	

RemoveMediaListener	AbstractListener
• Removes a show.	

SwapStateListener	AbstractListener
• Swaps the state from the current one to the one given.	

ValidateLoginListener	AbstractListener
• Validates if a given user exists.	

ReadOnlyThread

- Reading infinitely and writing all data it reads to the screen for the user to read.

GlobalHashMap

MediaHashMap

- Organizes all user media information and can add new information.

UserFileManager

- Handler for the DBMS and its purpose is to deal with outside file sources that are used with the database

CommandFactory

- Decides which commands to run.

InputListenerFactory

- Decides which ActionListeners to call upon.

ChatView

JFrame

- Allows a user to chat with other users.

MainView	ViewState
• Main screen that links to all other screens.	

ModView	JFrame
• Allows a user to add a type of media to their history.	