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**Section:** 011

**Project Description:**

For our Web Applications project, we plan on making a TV Show Chat app. *Originally, we were planning a TV Show/Anime Guide app but the API was not working.*

The functionality we plan on implementing into our app is:

* There will be a page with a form that users can fill in. It will contain Title of Show, Episode Number, Genre.
* Users can add TV Shows to their profile so that the next time they log in, they can be prompted to join a chat for that show.
* If the user is logged in, they are able to rate the show episode and actively participate in the chat. If the user is not logged in, they can only view the chat.
* We want to try to create Genre categories for viewers to browse. For example, categories such as Action, Anime, Comedy, Documentaries, Drama, Romance, etc.
* The database component we plan on implementing includes user accounts, their list of show chats and ongoing chats.
* We want to have functionality that finds the most common keywords or phrases in the chat and create trends for each show.

*We originally planned to have the user select from a list of TV Shows and save the current episode and season that one is currently on. If the show is being aired weekly, a countdown of the days will be shown for when the next episode is released. A total list of currently watching and completed shows are shown and favourites can be implemented. A calendar that can store reminders for TV shows left to watch for the week. For example, if someone wanted to be reminded that The Walking Dead is aired every Sunday, they would get a notification from our application. We will try to allow storage for the day as well as the time the show is airing. We also want to try to add episode titles and synopses of the TV show. This way, viewers who have not seen a particular show before might be intrigued by the description.*

*These functionalities are not applicable for this application, hence why we kept a few existing functionalities and adapted to this new idea.*

Our idea is quite similar to the existing ‘Twitch TV’, with the use of irc chats. Our application does not involve watching live streams, but it allows people who are watching a specific show can gather and talk about what happened. Our application is more tailored to ongoing TV shows whereas irc is more casual and there is no dedication to anything in particular.

The web technologies we plan on building this application from are HTML5, CSS3, JavaScript, AJAX, JSON, Meteor. This will be done in a mobile first approach so that we will have a product that is accessible on multiple platforms.