**TVTrack**

Database Systems Lab

Section C

**Group Members**

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Database Systems Lab Proposal

**Introduction**

The website aims at tracking and recommending Movies & Tv-Shows to be watched. Each user has personalized selection of shows and can track on which episode he left at, and which movies he watched; recommending what he should watch next based on this history. The database records all Tv-Shows & Movies with their ratings, rotten tomatoes, IMDB ratings and suggested channels or links to watch and download. Moreover, the user will be notified, if a new episode or movie is released in his show list upon release date. There will be a list of cast & crew members specific to each show. Insights can also be given through a public comments section.

**Functionalities**:

1. **Login**: User Will be able to Login the system using valid credentials
2. **Sign Up**: User will be able to Register
3. **Add Shows**: User will be able to select the shows he is currently watching for tracking and movie genres he is interested in.
4. **Recommendations**: User will have a personally catered recommended section for what he should watch, based on his history.
5. **Trending**: There will be a global trending section for all users, showing the top rated and grossing Tv-Shows/Movies.
6. **Notifications**: Each user will be notified for any update on his selected shows; release of new episode, movie etc.
7. **Calendar**: There will be a custom calendar showing selected shows’ schedule, upcoming days & timings for instance.
8. **Watch-List**: Upon login, user will have a currently watching list and shows/movies he has watched.
9. **Cast-Details**: Each show/movie will have a starring list of cast members.
10. **Imagery**: Each episode will have sample images and show thumbnails.
11. **Comments**: User can comment on movies/shows as well.
12. **Genres’ & Dates:** User can view specific genres and year specifics.