**CS 353 Term Project**

**TTrack**

Project Group 15

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Web adress : https://github.com/herencalik/tvshowtrackingsystem-cs353

**General Info**

Our application’s main purpose is to provide a stable program for any kind of users in which they can easily keep track of each Tv show they watch, comment or rate on them and interact with other users. We aim to store a large amount of Tv shows and users, so by using a database, even with large amounts of data, any operation can be done with a sufficient amount of time. Each user will be able to view Tv shows, each available seasons of the shows and each available episodes of those seasons. They will be able to mark Tv shows, seasons and episodes separately meaning that if the user marks a show as watched, the related seasons and episodes will not be marked also(Notice that “watched” doesn’t mean finished). Users will also be able to comment on and rate Tv shows, seasons, episodes separately. When a user comments on any section, other users will be able to view those comments and interact with them by replying to them if they are friends. They can also interact with other users by commenting on their other activities.

**Requirements**

Functional Requirements :

* The program shall display the list of the name and information about the TV Series, seasons and episodes to the user.
* The user shall be able to write comments to, rate and mark watched the series, seasons and episodes.
* The user shall add other users as friend and comment on their activities.

Non-Functional Requirements :

* Extensibility: Since users will register to the system and more tv shows will be added, it is important that the database is extensible.
* Usability: Users from every age should be able to use the system.
* Reliability
* Security
* Performance

**Limitations**

* Users who are not friends of each other cannot see and write comments to each other’s activity.
* Users cannot write comments to the comments written to their activity.

**Conceptual E/R Model**

