

Title

- *Progress Tracker Project*
- *By Steven Lynch for Cognixia Jump*

Change history

- *Document Created 7/8/2024*

Overview

An application that can track the progress for a user for different topics from a data repository. A user can see if some task is not completed, in-progress, or completed. The app will connect to a data repository of a number of TV Shows, Books, and Music Albums. A user who accesses the application will be able to pick from a list of those items and put them into 3 categories: plan to use, currently using, and finished using. Users could have different topics in their trackers and may have made different levels of progress in completing a topic.

Objectives

- *Users can login with a username and password*
- *Users can view, add, delete, modify their own trackers*
- *Users can see tracker reports for a topic as a whole (How many users have completed a show, still watching a show, etc.)*
- *Users can create an account if they don't have one*
- *Users can rate a topic and see average ratings across users for topics*
- *A simple UI to show users the status of their tracked items*
- *Admins can view, add, delete, modify topics for Users to choose from*
- *Admins can set users to be new admins*

Success Metrics

- *Minimal bug reports*
- *High exception coverage*
- *Reliable display of information*
- *Intuitive User Experience*
- *High User Satisfaction Rating*

Messaging

- *TBD*

Timeline & Release Planning

- *One week for Minimum Viable Product to be available for demonstration*

Personas

- *Ben, 22, a YouTuber with a channel dedicated to reviewing music records*
- *Martha, 65, an avid reader who holds community book club meetings*
- *John (40) and Kelly (36), a married couple who enjoy quality time together watching their favorite TV shows in the evenings*

Scenarios

- *Ben needs a way to more easily keep track of albums that he plans to listen to, has already listened to (but not yet reviewed), or is currently listening to. To keep his channel running smoothly, he needs to schedule his videos ahead of time*
- *Martha needs an intuitive reading list, and a way for her group to keep track of their page progress together, as well as a way to easily access the reading list for the group*
- *John & Kelly need to coordinate which episodes they have already seen, so they can stay caught up when their progress deviates, and to have a way they can agree on which series to watch together next, keeping track of who picked the last one*

Features In

[M] denotes minimum viable experience requirement for Progress Tracker

- *[M] A menu where users can navigate to different options to update and view their trackers in a console-based menu*
- *[M] Users can login with a username and password*
- *[M] Each user can view the results of their additions, modifications, and the deleted trackers*
- *[M] Users can store groups of trackers based on their progress status (not started, in-progress, completed)*
- *[M] Users can only access the information tied to their account*
- *Each user can view the progress of their trackers in a simple UI*
- *Create an admin user that is able to add, remove, and edit topic information (ex. Series, Books, Albums to be tracked)*
- *Have an option to create an account if a user doesn't have one*
- *Have logins for users who can manage their own trackers, and admins who can manage users and topics*
- *Users can rate topics they track out of 5 stars, and view average ratings*
- *Users can view tracker reports for topics as a whole, to see how many users are planning, in-progress, or finished with each topic*

Features Out

- *Backup Databases*

Designs

See Attached:

- *ER-Diagram for Database*
- *Agile Kanban Board*
- *README with Instructions for Initial Set-Up*

Open Issues

- *None Yet!*

Q&A

- *Reach out if you have any questions!*