

# Entertainment Tracker Android Application

## User stories:

1. **Welcome screen.** Clean welcome screen with logo of app on first page, welcoming the user. Is replaced by homepage when it loads.
2. **Homepage:** On the homepage, there will be a single button (for this stage) for movies. Clicking on this leads the user to new section page for movies.
3. **Homepage search bar:** The homepage also has a search bar that can search between all the sections (movies only initially) using any partial match string of:
  - a. author
  - b. title
4. **Section pages sorting:** When a user selects a section (movies), the app leads to the specific section page. Within this section page for movies, there are sorting options for the elements (different movie entries), which can be toggled by clicking a button. These options will cycle through the following methods of sorting, and cause the logged entries to change order accordingly:
  - a. the default sorting order is date added(logged)
  - b. date watched/read (as entered when logging)?
  - c. personal rating
  - d. rating on database
  - e. show “liked” movies only
5. **Section page search bar:** Each section page has a search bar. Users can search based on strings (partial matching ok) the following attributes:
  - a. title
6. **Entries’ display on section page:** each entry on the movie section page has the following attributes displaying:
  - a. the info blurb next to the title of movie/book changes according to what attribute the entries are currently sorted by (for example, blurb will show rating if entries are sorted based on ratings)
  - b. each elem has imdb/amazon image icon before the title
  - c. option to add new entry
    - i. adding new entry leads to a new page outlined in usr story #7
7. **Adding new entries:** Clicking on the option to add new entry from a the movie section page leads to add new entry page. After filling in and submitting the info, it leads the user back to the movie page where the “add new entry” button was clicked. the new entry page will prompt the user to enter the following (but any of these can be left blank except for the title) :
  - a. title
    - i. while user fills in title, database will search known movies/books/etc. and fill in known information such as:
      1. author/producer/director
      2. imdb rating
      3. image/poster
  - b. date watched
  - c. option to “like” movie
  - d. personal rating
  - e. first journal entry/comments

8. **Removing entries:** Users can edit/remove entries from the movies page by clicking a button called “edit.” This displays a “-” button beside each entry and clicking on any “-” next to an entry will delete it from the movies page.
9. **Entry pages:** each entry has its own entry page, that is accessed by clicking on the entry from the main movies page. Each movie entry has the following features on its own new page:
  - a. option to add new journal entry to this specific entry
    - i. these are comments with dates (for ex. every time you watch this movie again)
  - b. option to “like” this movie
  - c. option to insert/edit rating
10. **Backend.** User data will be stored in a database such as MongoDB.
11. **Social component:** we will use facebook API to handle social component of this app.
12. **Information/Other external API’s:** we will use imdb’s external API to gain access to the movie database
13. **Additional/extended functionality for tv shows and books.** We will add the same functionality as above to tv shows and movies.