P1 Proposal: Movie Timer

Brief Project Description:

The Movie Timer helps users to find the right movie that has the right length for whatever time slot to fill. It achieves this through the use of a Red-Black Tree to efficiently insert movies, order them by their duration and retrieve them in a sorted manner. The data is loaded from a local data file that the user specifies.

Representative Tasks Performed Using this Application:

1. List the movies with the shortest duration in the dataset.
2. Search for and list all movies with a length between 120-125 minutes.

Dataset:

For this app you will work with this [movie dataset from kaggle](#).