

# CS 410 Project Progress Report

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Tasks:

1. Creating function for recommendations
2. Front-end design or whatever
3. Back-end for database to store user information

1) Which tasks have been completed?

1. We have gained the data that we need to perform content-based filtering for a movie recommender system. We have also started to work on designing the recommending algorithm. The algorithm will use the dataset we have found to find similarities to movies we will provide as input to the algorithm and will output the top 5 most similar movies as a recommendation.
2. Created Movies and User schema to store data, now just need to test out populating it for the actual implementation.
3. Base functionality templates created (pop up window to contain the recommender view)

2) Which tasks are pending:

1. Chrome extension manifest needs updating for potentially more dependencies
2. Creating the payload js script to be injected into the chrome webpage to feed the extension the movie details the user wants to bookmark and for our database
3. Need to create scripts to put inserts into the database when adding new movies into the bookmark extension and have it correspond with the user ID.
4. Still need to finish up the recommending algorithm.

3) Are you facing any challenges:

1. Inserting a button to IMDb's website to emulate the bookmarking functionality to feed the movie data into our database
2. Neither of us have any experience with chrome extensions so we stumble across a lot of the framework problem and structure