Extensions to our project

Team: Goal Diggers

* Currently, we are using a content based + reinforcement learning model, where the content based recommendation are done just on the basis of the book genres and the book authors. We could extend it by finding or extracting(by writing scripts as we had done to extract the genres of the book) the abstracts/descriptions of the books available in our dataset, perform some text mining techniques to clean the abstract and finally perform content based recommendation on the updated dataset. This would enhance the performance of the recommendation system even further.
* We have also decided to add a feature - “Add Genre” that allows a user to add a new genre at any point of time to get recommendations of that genre as well, if he feels that the system is not showing enough choices of that genre.
* We can also add a button like “Surprise me”. It will suggest a book that is different from the preferences of the user and it will only be done to provide the user with absolutely different types of books.
* In case of books, the choices of the users are entirely subjective and are not influenced much by other people. So, in the exploration phase, we can give more emphasis on showing books of different genres rather than showing the highly rated books.