Name of the Student with Id:

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Project proposal

1. **Tentative Title of the Project:** Online book recommendation system.

2. **Objective:** Recommendation system is an information filtering technique, which provides users with information, which he/she may be interested in. Book recommender system offers the user to buy a book based on the past and content based experience of that user. This project proposes the use of soft computing techniques to develop a book recommender system

3. **Short Description of the Project:** Recommender systems typically produce a list of recommendations in one of two ways – through collaborative filtering or through content-based filtering. Collaborative filtering approaches build a model from a user's past behavior. This model is then used to predict items that the user may have an interest in. Content-based filtering approaches utilize a series of discrete characteristics of an item in order to recommend additional items with similar properties. The system recommends the user some books which is similar to this book which he/she browses now or purchased in the past.

4. **Proposed methodology:** The proposed system makes use of some python library such as Scikit, Pandas, Numpy etc.

5. **References:**
   a. https://en.wikipedia.org/wiki/Recommender_system
   b. https://towardsdatascience.com/how-did-we-build-book-recommender-systems-in-an-hour-the-fundamentals-dfee054f978e