

## SYNOPSIS OF THE PROJECT

|  |   |
|--|---|
| Roll No &Name  | 32 AQUIN JOHNSON  |
| Name of Guide  | DR. DEEPA MARY MATHEWS  |
| Contact Number:  | 9074683132  |
| Email id"  | aquinjohnson12@gmail.com  |
| Shared folder/git repository details   | <a href="https://github.com/Aquinjohnson/Mini-project.git">https://github.com/Aquinjohnson/Mini-project.git</a> |
| Project Title  | BOOK RECOMMENDATION SYSTEM  |
| <p>Description of Project:</p> <p>A recommender system is generally referred as a subclass of information filtering system that helps to predict a user's preference of an object. It is a new generation of internet tool that helps users to access the web and receive information about their preferences. Using an online recommender is comparatively an easy and faster procedure to purchase items and this is done quickly. The proposed method works on training, feedback, management, reporting, configuration, and using it to offer useful information to the user in order to aid in decision-making and data item recommendations. Used a User Based Collaborative Filtering (UBCF) approach and measured the performance of similarity measures in recommending books to a user. Content based filtering,Memory based approach, Cosine similarity. The K-Nearest Neighbor (K-NN) classifier are used.</p> |   |
| Front end and Backend Tools  | Front end: HTML,CSS,JAVASCRIPT<br>Back end: python  |

**Date of Submission:**