



Department of Computer Science & Engineering

UE17CS355 - Web Tech II Laboratory

Project Evaluation

Project Title : Book Recommender
Project Team : PES1201700206 - Sai Prashanth R S
PES1201700242 - Anish Sekhar
PES1201701557 - Pramod M N



Project Description

Boogle is an online book recommendation system that provides the following features:

- Signup and login functionalities
- Catch up with the latest news related to books
- Book recommendation based on user's input
- Details of books



Technologies Used

FRONT END

Languages:

HTML

CSS

JavaScript

Bootstrap

Framework:

ReactJS

BACK END

Language:

Python

Framework:

Flask





Techniques Implemented

REST APIs:

It is a set of rules that developers follow when they create their API. You should be able to retrieve a piece of data upon linking to a specific URL. It enables other applications to retrieve data from our application; since JSON is an easily interpretable form of data

RSS Feeds:

It is a web feed that allows users and applications to access updates to websites in a standardized, computer readable format.



Book Recommendation

We created a graph like data structure where every node has three fundamental units: a parameter of a book, the respective author, and the related readers. When the user sends in a request to the server for recommendation, the details of the users who have read the same book is retrieved. From this detail, we recommend some of the best books from the list of the books read by the above users.

The required details such as the list of the users who have read the book is stored in the graph along with the details of the book which makes the retrieval of information relatively simple and decreases the latency in servicing the requests of the user.



Thank You

