



## Book Guidance System

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### ABSTRACT:

In our project main aim is not only providing book information but also providing the importance of the particular book. when we consider a particular book ,then we know only the book information.. But we don't know the importance of the book i.e, in which book our required concept is elaborately explained among all the books .So the user can refer that particular book which has best concepts .It helps a lot during examinations to refer. In our project mainly three modules are provided, those are student, faculty & Admin.

### INTRODUCTION:

Here our project is related to data mining. DataMining can be described as the non trival extraction,implicit,previously,unknown &potentially useful information from data.

- Data mining finds valuable information hidden In large volumes of data
- Datamining is the analysis of data and the use of software techniques for finding patterns&regularities in sets of data
- The computer is responsible for finding the patterns by identifying the underlying rules and features in the data.

Generally we are going to library for referring books .For a particular subject there are different books and we are searching all the books to get our required concept, It takes lot of time to check single concept. To avoid this we provide a search box, here the students can enter concept name ,it will give best reference book for that particular concept.

Student, who is searching for book references can enter the website, they can register, login to the system and get particular best concept reference from the system ,the students can post technical book references, he can also post suggestions & give rating to the books .

The faculty can enter the website by registering & login to the system and post book references for students .they can view suggestions posted by the students.

The Admin directly login to the system , view subject book information ,technical book information , accepting both subject & technical book information and also view suggestions posted by the students ,faculty .Finally logout.

In our project "*BOOK GUIDANCE SYSTEM*" "main aim is not only providing the name ,publication and author details of the book but also providing the importance of the particular book. when we consider a particular book, we

know only the book name, publication & author details. But we don't know the importance of the book i.e. In which book our required concept is elaborately explained among all the books. So the user can refer that particular book which has the best concepts. It helps a lot during examinations to refer. In our project mainly three modules are there, those are student, faculty & Admin.

#### **Related Work:**

For this project "Book Guidance System" we get book references from the consultant faculty members, because they refer all the books regarding particular subject, so they know in which edition particular concept is elaborately explained. Also get some details from the library for this project.

#### **Existing Disadvantages:**

In existing system the students get book details from the library, such as book name, Author name, Publication & Edition details only. For that students go to the library and get books from the library. But they don't know in which book the particular concept is briefly explained.

#### **Disadvantage:**

- It's take lot of time to refer more than one book for a single concept.
- Students may confuse that which book they have to refer

#### **Propose Advantages:**

In our system subject book references are provided by the faculty, Because they refer more books, so generally they know in which book particular concept is briefly explained. The faculty posted book references are viewed by the Admin. If admin want to post additional information or want to change any modifications can do here. So when the student search for particular concept, it displays the Best reference book among all the books, by

displaying Book name, Author name, Edition & publication. so the student can refer those books..

#### **Advantages:**

- Time wastage reduced
- There is no confusion while choosing book
- Rating is provided
- Suggestions can post
- Easy to use

#### **Implementation:**

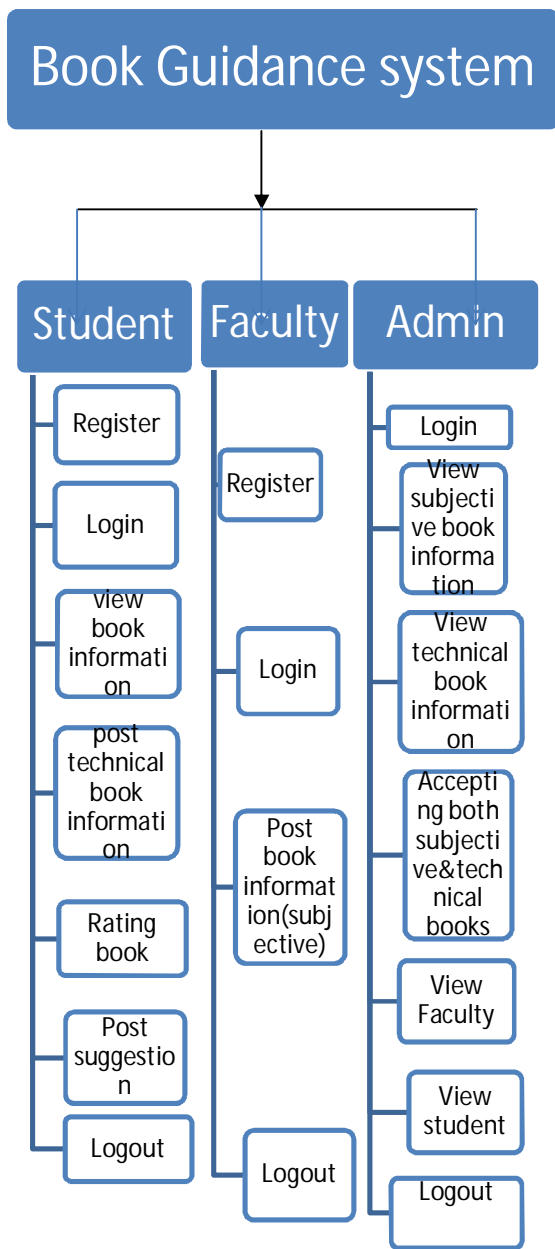
1. Understanding the algorithm.
2. Implementing a first draft of the algorithm step by step.
3. Testing with other input files.
4. Cleaning the code.
5. Optimizing the code.
6. Comparison of the performance with other implementations of the same algorithm / peer review.

#### **Procedure :**

1. Register student and Faculty.
2. Login student, Faculty and Admin.  
if user id, password valid  
then  
go to the home page.
3. In student home page
  - a. View Book Information.
  - b. Post technical book information.
  - c. Rating book
  - d. Post suggestion
4. If it is successfully posted then student get a message.
5. Logout.
6. In Faculty home page.
  - a. Post subjective Book information.
7. If it successfully posted then faculty get a message.
8. In Admin home page
  - a. view book information(subject, technical)

- b. Accepting both subject and Technical books.
  - c. View Faculty
  - d. View student.
9. Logout.

**System Architecture:**



**Future Enhancements:**

In our project we provided importance of the books for B.Tech& technical subjects only .In future we can extend this project by not only providing importance of the books for B.Tech but also

providing importance of the books for all Degrees& also providing importance of books for competitive exams ,which helps students alot. So students &faculty can register & login to the system and get importance of the book from the Book Guidance System.

**Conclusion:**

From this project we conclude that without checking all the books for a single concept, directly we get importance&concept of the book from this BOOK GUIDANCE SYSTEM also get book details such as name,author name,edition,publication of the book ,which we want particular concept elaborately explained ,here the users can give rating to the book,so automatically according to the rating, books are displayed in descending order,It is same as in case of technical books also .

**References:**

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