DATABASE MANAGEMENT SYSTEMS

COURSE PROJECT PROPOSAL horizontal line

# Group Members :

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# Project Description :

* **Objective**
  + To design a database application for an Online Book Store.
* **Features : The features of the Java application**
  + Data updation regarding placement or cancellation of a new order / registration of a new customer / addition or deletion of a new book to the stocks.
  + The application lists all the books :
    - having a particular keyphrase entered by the user.
    - Written or published by ABC (entered by the user).
    - Belonging to a specific genre.
    - in a particular price range.
  + Stock summary.
  + Tells the user on request if for the order :
    - The number of books requested are in stock or not.
    - Inter-state shipping charges are applicable or not.
  + The application lists the following :
    - Best Sellers ( Overall / Region-wise ).
    - Most popular authors / publishers.
  + Lists the total number of registered customers.
* **Queries : The application would cater to the following user queries**
  + Find all books written by author ABC.
  + Find all books published by publisher ABC.
  + List names of all customers who bought all the books written/published by ABC.
  + Number of customers who bought a particular book.
  + List the names of books not in stock / stock summary.
  + Books with quantity more than X in stock.
  + Total number of customers registered.
  + List names of best sellers.
  + List books for a selected genre.
  + List all books whose price lies in a particular price range.
  + List the most popular authors / publishers.
  + List the region-wise best sellers.
  + Find a particular book by its name / keyphrase.
  + Check if inter-state shipping charges are applicable or not?( Are the all the warehouses having the requested book and the customer in different cities. )