Project Proposal

What should be included in the proposal report:

1. All members' names and identified the team coordinator.
2. Title of the project/database.
3. A general description of the objectives of your database system including the scope of the database.
4. Specific users' requirements that the system will be able to address.
5. Your choice of DBMS.

Team Members (2 people):

1. Tejamanikanta Gudla (Team Coordinator)
2. Sai Teja Maredupalli Prasad

Title of the Project:

"Book Store Management System"

General Description:

The Dataset contains 13 tables and those include the data of the Books, Authors, Information, Awards, Editions, Checkouts, Publishers, Ratings, Series and Sales for each quarter Q1, Q2, Q3 and Q4 having with primary keys for each table. This Dataset will help the books and to differentiate them by editions and series. It has a user view to view the books by Book ID and those are different for different editions as we have BookID1 and BookID2 and their concatenation is Main BookID which is in Information table.

Book: BookID, Title, AuthID

Author: AuthID, First Name, Last Name, Birthday, Country of Residence, Hrs Writing per Day

Info: BookID1,BookID2,GenreSeriesID,Volume Number,Staff Comment

Award: Title, Award Name, Year Won

Edition: ISBN, BookID, Format, PubID, Publication Date, Pages, Print Run Size (k), Price

Check outs: BookID, CheckoutMonth, Number of Checkouts

Publisher: PubID, Publishing House, City, State, Country, Year Established, Marketing Spend

Ratings:BookID, Rating, ReviewerID

Series: SeriesID, Series Name, Planned Volumes, Book Tour Events

Sales Q1: Sale Date, ISBN, Discount, ItemID, OrderID

Sales Q2: Sale Date, ISBN, Discount, ItemID, OrderID

Sales Q3: Sale Date, ISBN, Discount, ItemID, OrderID

Sales Q4: Sale Date, ISBN, Discount, ItemID, OrderID

Specific users' requirements that the system will be able to address.

Users can find a book and its details using this database.

We can see what book had Series of book.

Users can see editions of each book.

Prices of the books

And sales based on which quarter, and we have Q1, Q2, Q3 and Q4.

Your choice of DBMS:

My choice of interest is MySQL. We are using it to develop a Data Model.