Database : MS SQL Server  
Interface : Java  [No Web Interface will be allowed for this lab as CSE3100 is already a web-based lab]   
  
  
List of Projects   
-------------------------------------------------------------------------  
- Library Management   
- Book Store Management   
- Inventory Management   
- Car Parking Management   
- Student Information Management  
- Course and Grade Management   
- News and Notice Portal Management   
- Blood Bank Management  
- Hospital Service Management  
- Housing Society Management   
- Apartment Service Charge Management  
- Bus Ticket Management   
- Transport Management System   
- Garden and Plant Management System   
- Super Store Management System   
- Garments Management   
- Buying House Management   
- Employee Information and Salary Management   
- Bank Loan Management System   
- Uber/ Pathao Car Management System   
- Local File Storage Management System   
- Football/ Cricket Club Management System   
- Tournament Management System   
- Police Station / Case/ GD Management System   
- Buying House Management System   
- Foreign Exchange Management   
- Airport Luggage Management System   
- Small Loan Management System   
- Student Hall Management System  
- Meal Management System   
- Restaurant Order Management   
- Point Of Sales   
- Currier Service/ Parcel Management System   
- Automobiles Service Centre Management   
- Bike Shop Management   
- Cycle Accessories Management System   
- Content Management System   
- Class Routine Management System   
- Club Activity Management System   
- Proctor Office Management System   
- Student's stickers Management System   
- Diagnosis System Management   
- Covid-19 Information Repository   
- Covid-19 Vaccination Distribution   
- Covid-19 Patient Quarantine Management   
- Covid-19 Central Hub Management   
- IT Shop Management   
- Class Lecture Management System   
- Attendance Management System   
- Leave Management System   
- Scholarship Distribution Management System   
- Utility Bill Management System   
- Mobile Financial Operation System   
- Distribution House Management   
- Supply Chain Management   
- Stock Exchange Data Management   
- Order Tracking Management   
- Factory Management System   
- Convention Hall Management System   
- Food Catering Management   
- Parking Lot Management   
- Smart Fit/GYM management System   
- Market/Shop Owners Management System   
- Property Management System   
- Accounting System   
- Voucher Management System

- You can also get some ideas for selecting projects from the following link.   
<http://www.databaseanswers.org/data_models/>

[https://docs.microsoft.com/en-us/sql/t-sql/data-types/data-types-transact-sql?view=sql-server-ver15](https://docs.microsoft.com/en-us/sql/t-sql/data-types/data-types-transact-sql?view=sql-server-ver15&fbclid=IwAR1KKJW2V7maywDAi6-hpcS0TFBMFVfzh79Cqd4R8Qn1DqmHwlhaZfuOD2c)

[https://www.w3schools.com/sql/sql\_datatypes.asp](https://www.w3schools.com/sql/sql_datatypes.asp?fbclid=IwAR1s-1sz_5y-dFm9JuQSxFu0i_EJ2RP28g1Nwf-luYnRyscBpudA6rUqc3k)