

2. Designing

DATABASE DESIGN

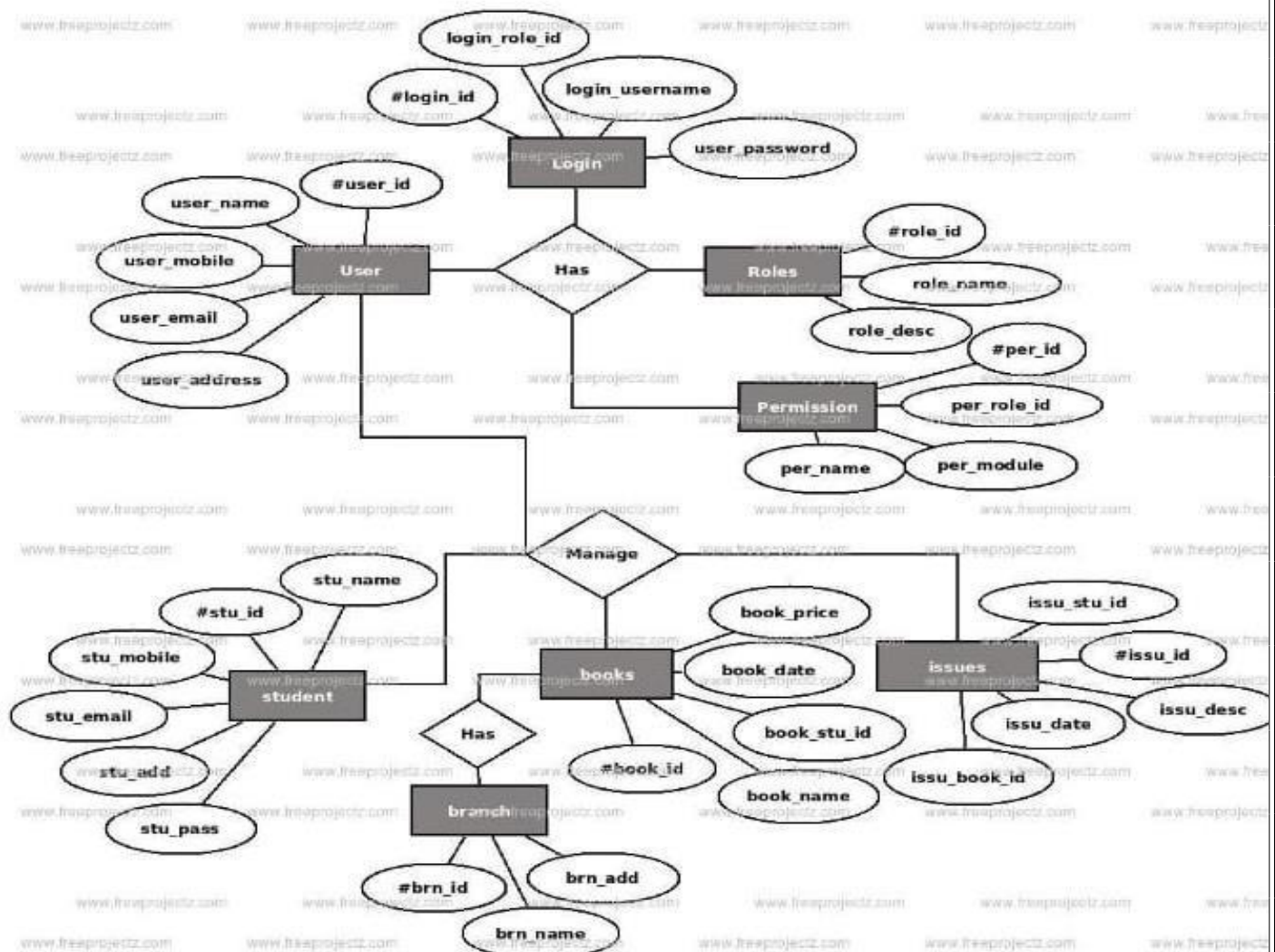
Database Design the general theme behind a database is to handle information as an integrated whole. A database is a collection of interrelated data stored with minimum redundancy to serve the users quickly and effectively. After designing input and output, the analyst must concentrate on database design or how data should be organized around user requirement. The general objective is to make information access, easy, quick and flexible for other users

SYSTEM DESIGN

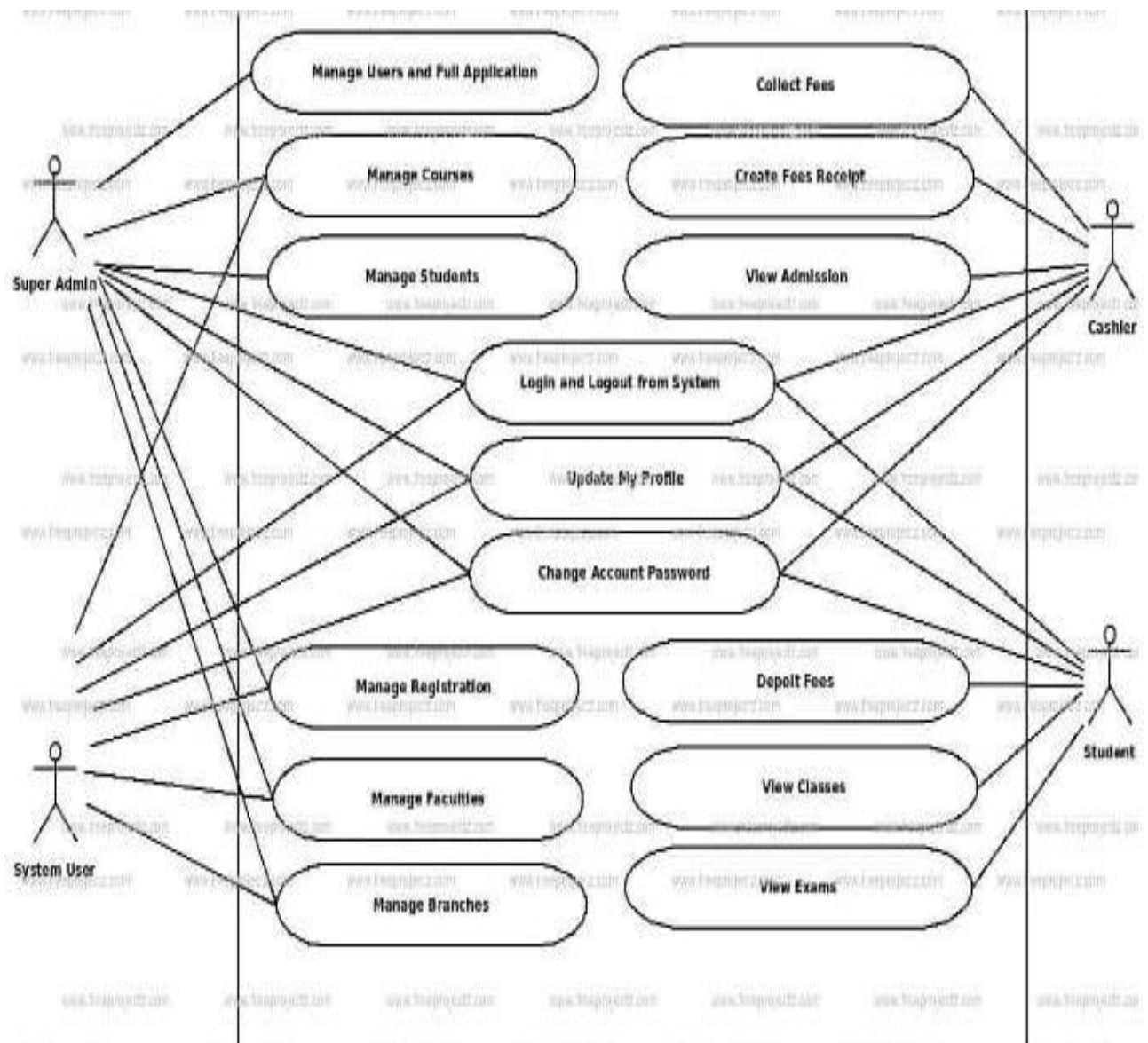
It's only the administrator who has access to the system to view or make changes when necessary. The system was designed to allow the administrator to view, edit, delete and add data to the database

UML DIAGRAMS are as follow:-

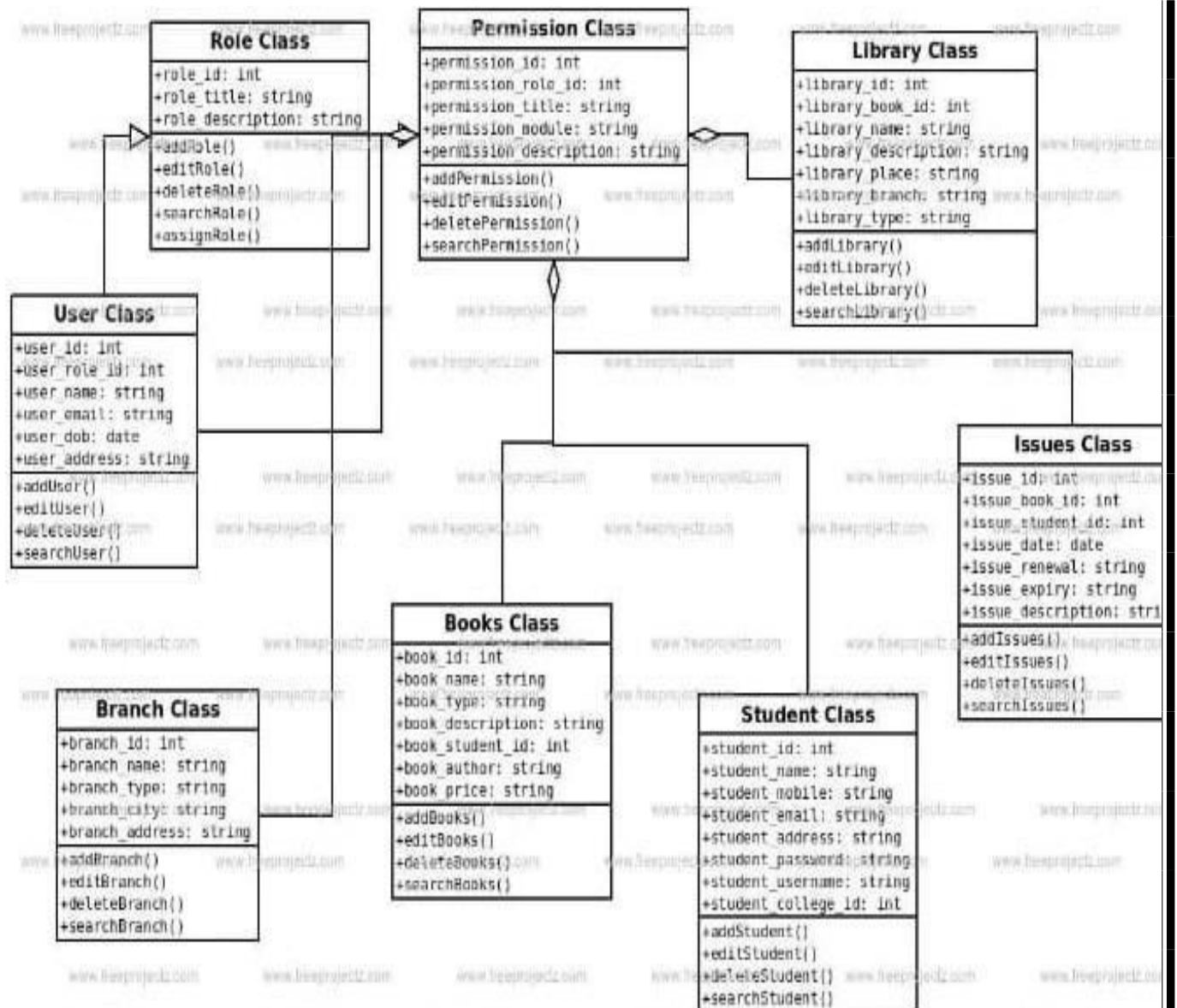
E-R diagram:-



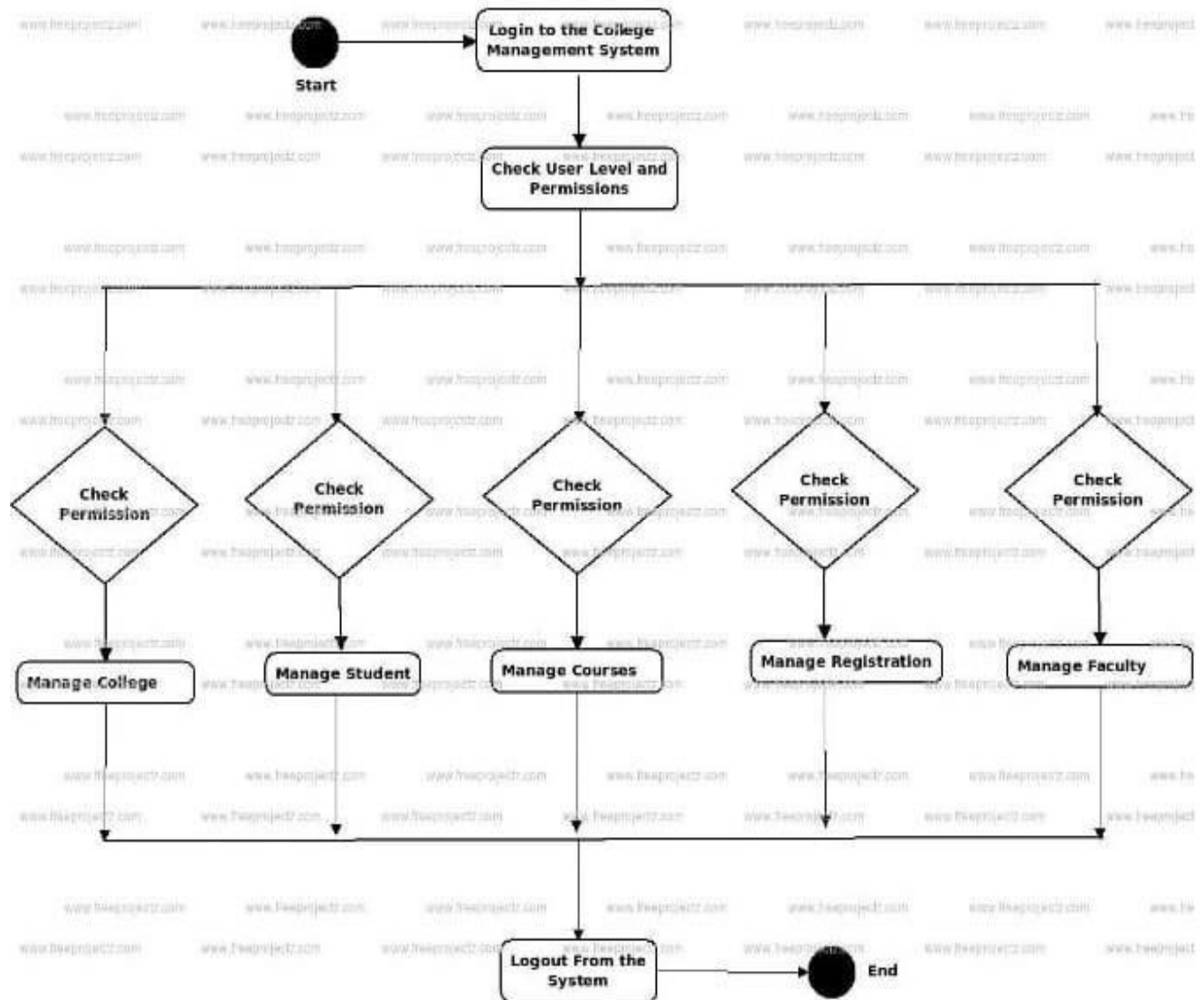
Use-case diagram:-



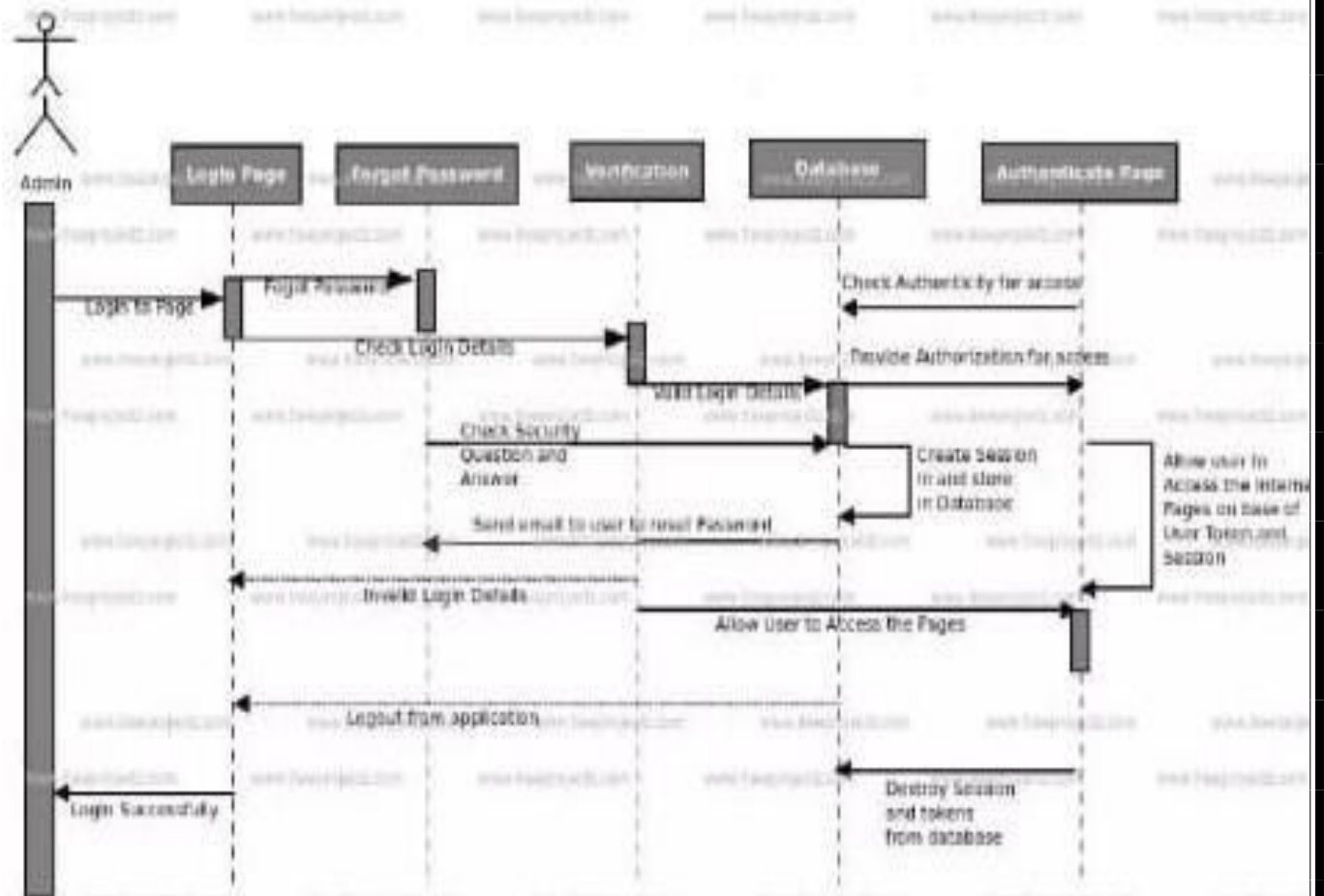
Class diagram:-



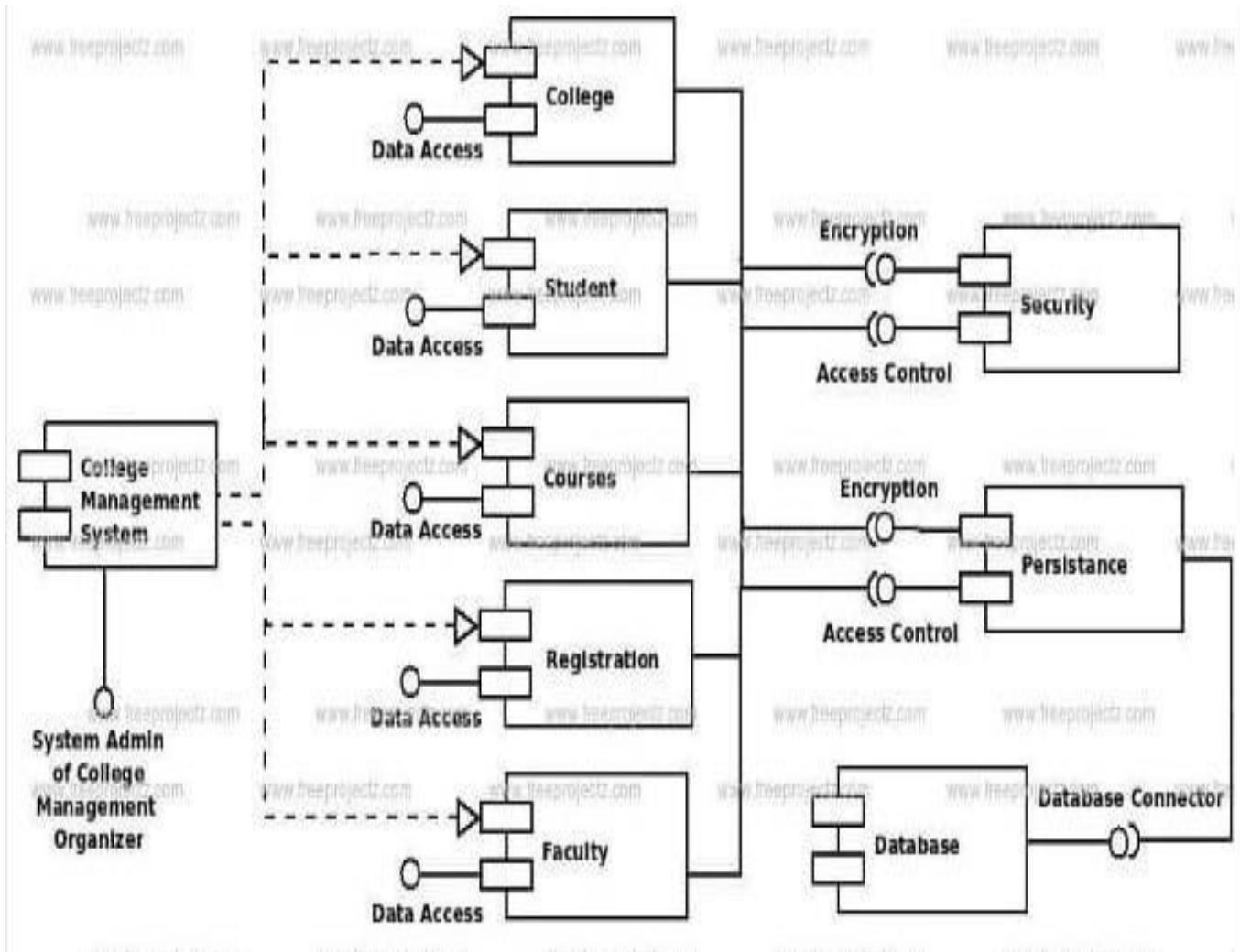
Activity diagram:-



Sequence diagram:-

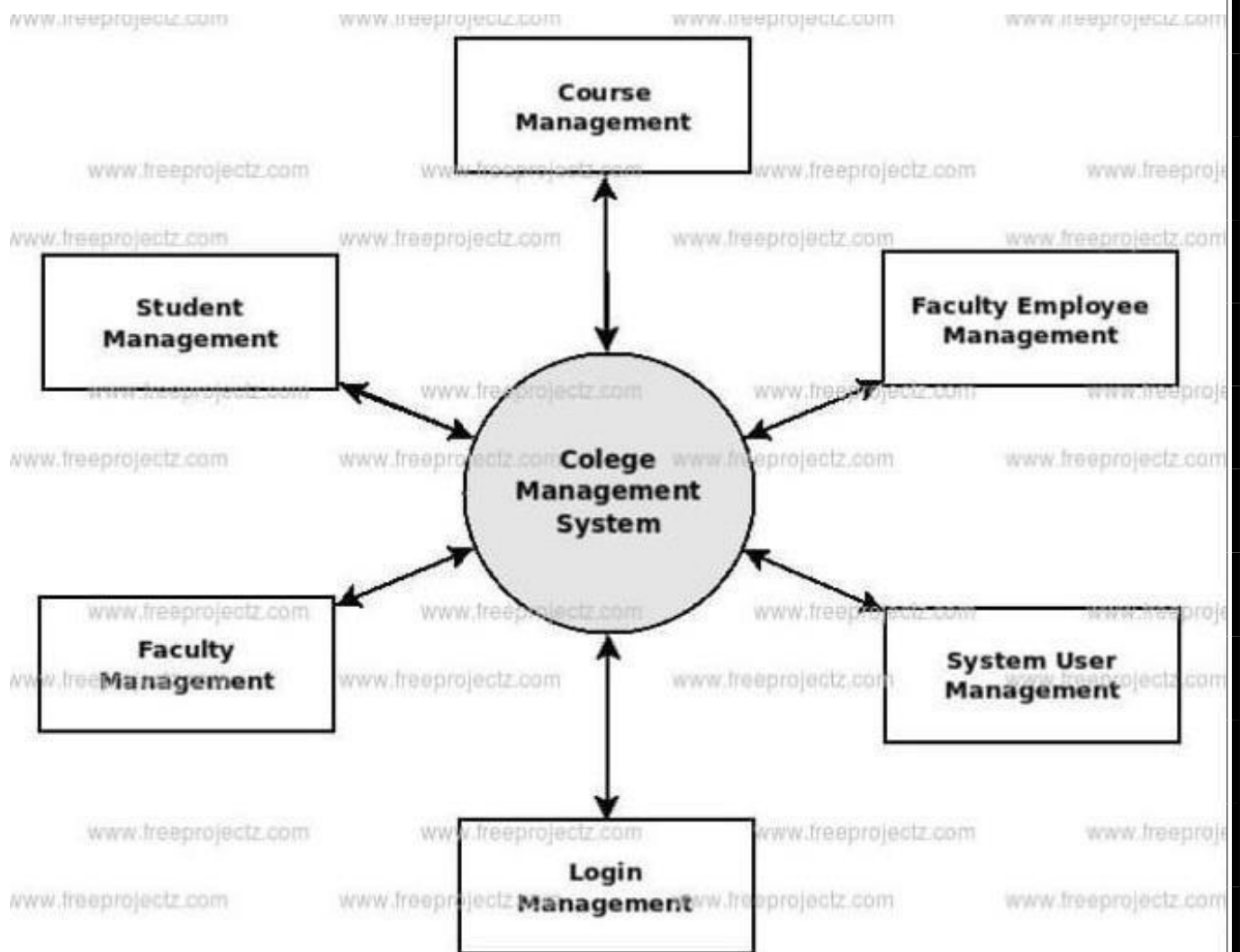


Component diagram:-

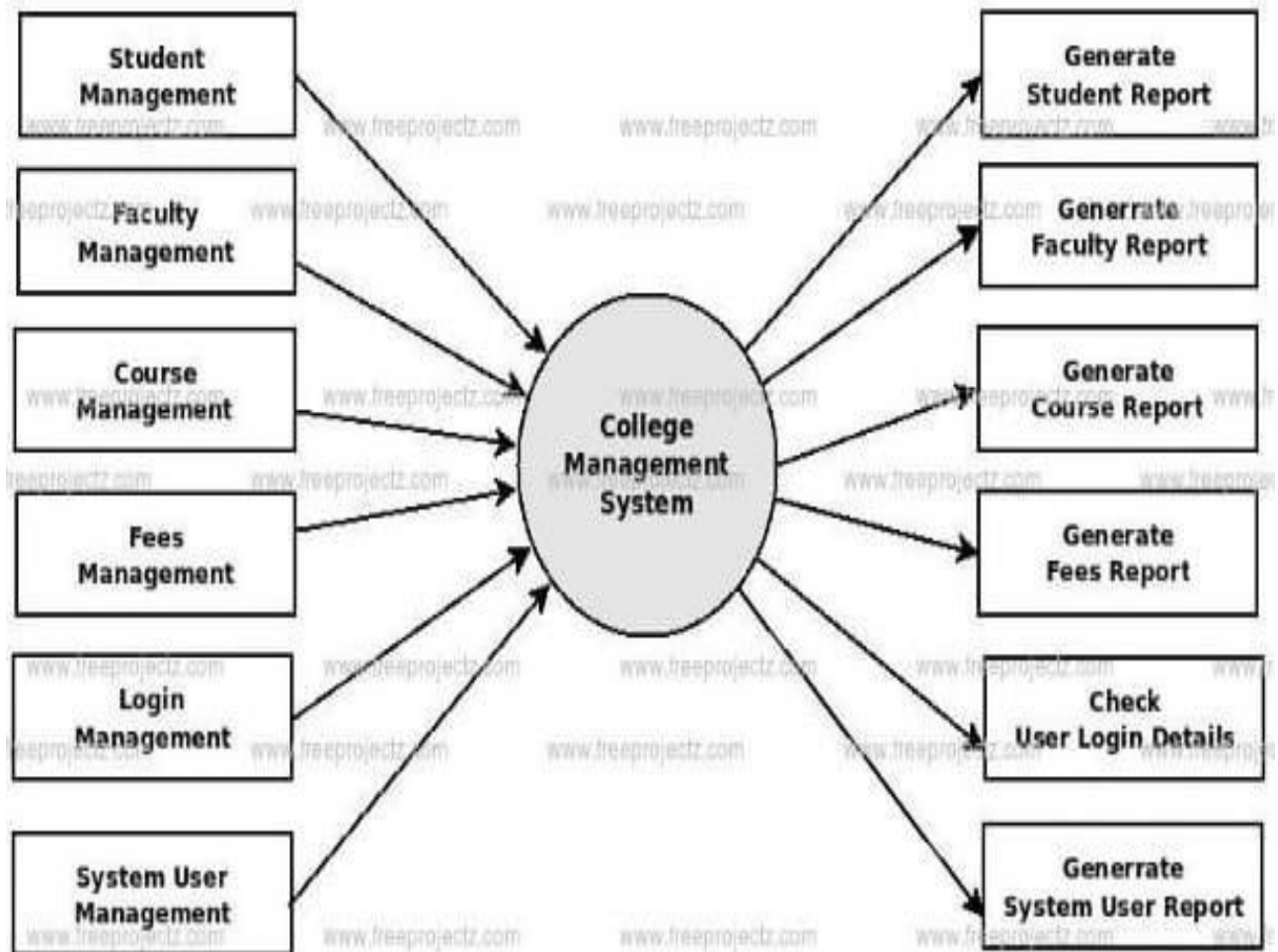


DFD diagrams:-

zero level DFD



First level DFD:-



Second level DFD:-

