**Assignment – 3**

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Class : TY CSE

PRN : 22510034 Batch : T-3

Design and implement a web-enabled (portal) student MIS (Management Information System) for University schema attached in separate file. :

Technology stack : Angular 19, NodeJS , MySQL Requirement Specifications :

1. Role based User management at different levels

2. Data Entry form for each entity with CRUD

3. Generic report generator : Should be able to display / list any data  
  
Database Schema used :   
Full Schema The full schema of the university database that is used in the text follows. The corre sponding schema diagram, and the one used throughout the text, is shown in Figure A.1. classroom(building, room number, capacity) department(dept name, building, budget) course(course id, title, dept name, credits) instructor(ID, name, dept name, salary) section(course id, sec id, semester, year, building, room number, time slot id) teaches(ID, course id, sec id, semester, year) student(ID, name, dept name, tot cred) takes(ID, course id, sec id, semester, year, grade) advisor(s ID, i ID) time slot(time slot id, day, start time, end time) prereq(course id, prereq id

create table classroom (building varchar (15), room number varchar (7), capacity numeric (4,0), primary key (building, room number)); create table department (dept name varchar (20), building budget varchar (15), numeric (12,2) check (budget > 0), primary key (dept name))

Output :  


