DATABASE MANAGEMENT SYSTEMS

ASSIGNMENT 3

GROUP MEMBERS:

NAME	ROLL NUMBER
PRABHAT AGARWAL	13CS10060
AISHIK CHAKRABORTY	13CS30041
JEENU GROVER	13CS30042

ER DIAGRAM
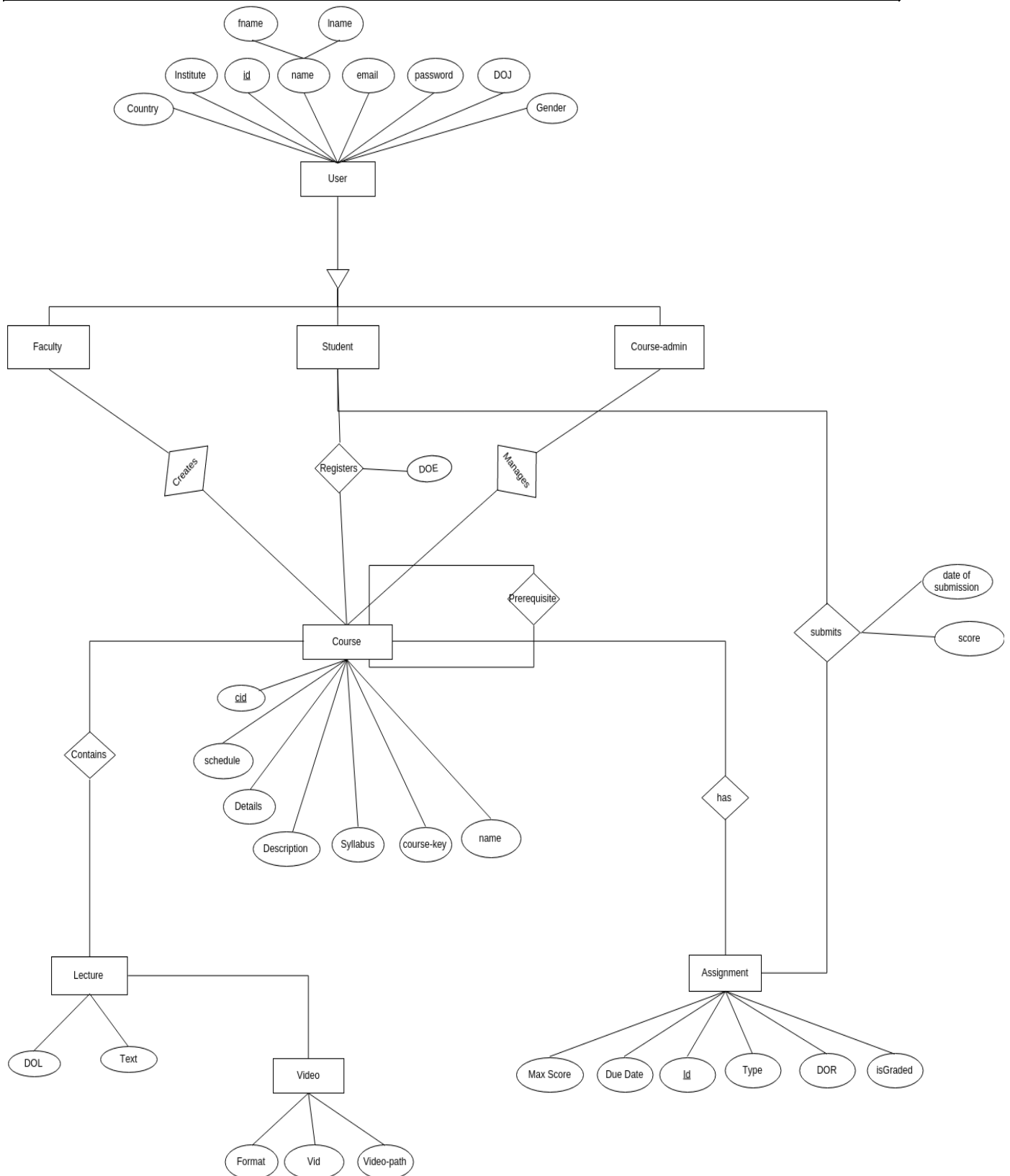
Workflow Diagram

Registration Flow

User → Registers for website → no → Validates the user details → yes → Store in the database

Login Flow

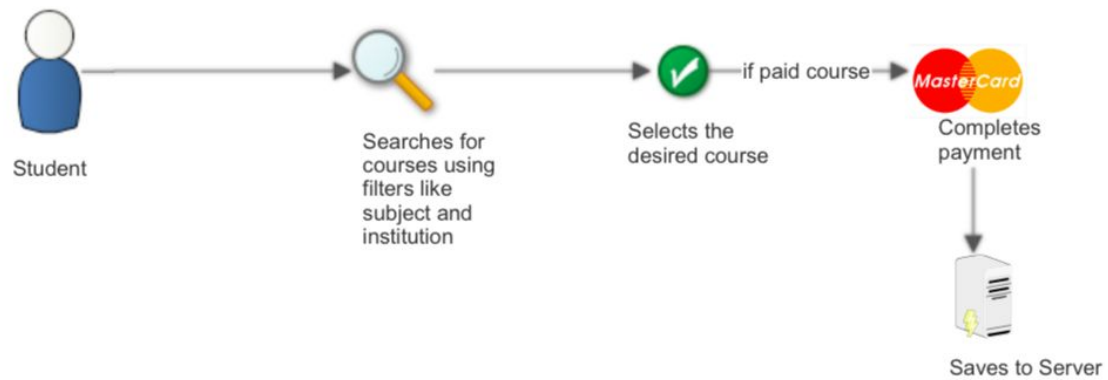User → logs in to the website → no → Validates → fetch details from database → display respective dashboards of teacher/student/parent/admin
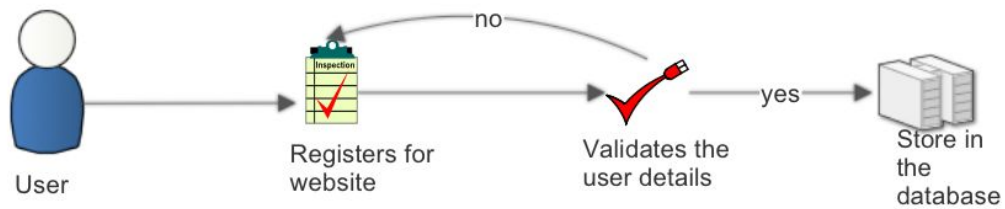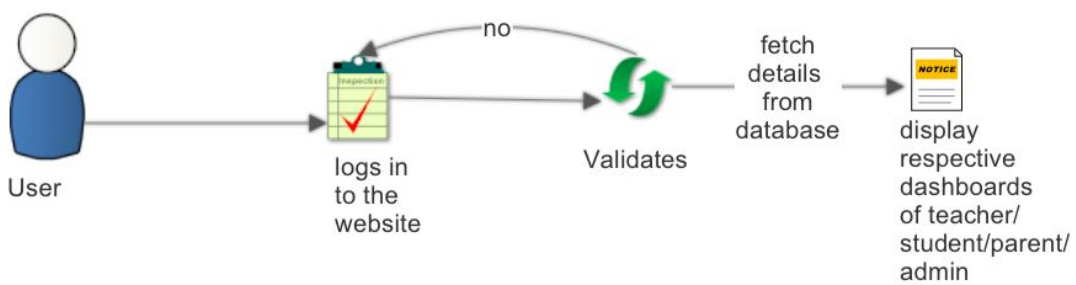
Student Course Learning Flow

Student → Sees Dashboard and registered course → Selects a registered course →

- Watch lectures and/or download materials
- Download assignment/ submits solutions
- Attempt Online Quizzes (Graded/ Ungraded)
- Communicates with faculty
- Views grades
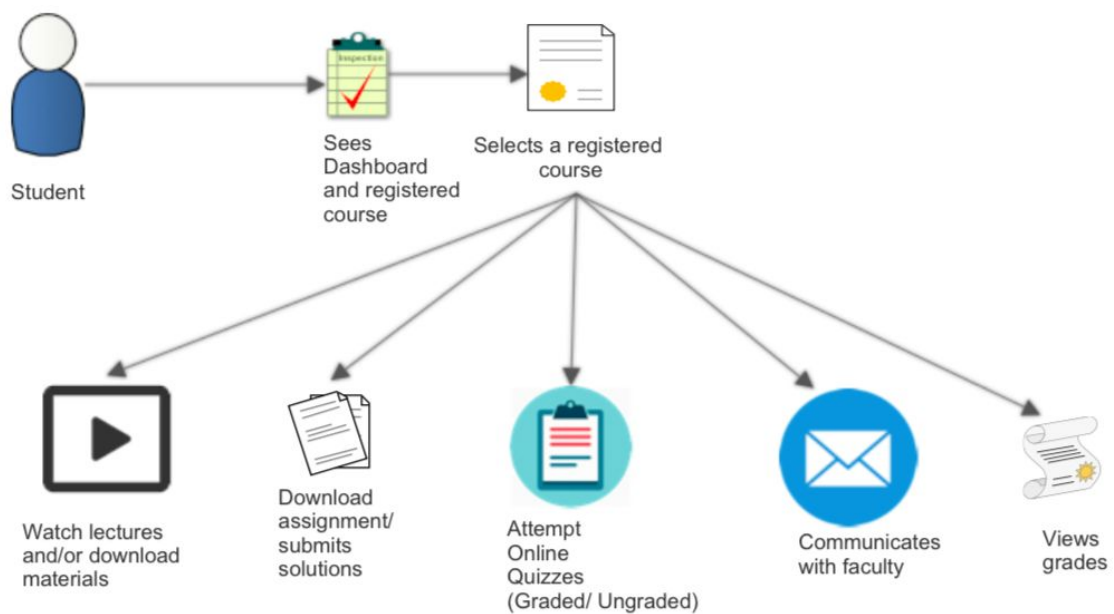
Student Course Registration Flow

Student → Searches for courses using filters like subject and institution → Selects the desired course → if paid course → Completes payment → Saves to Server

Parent Workflow

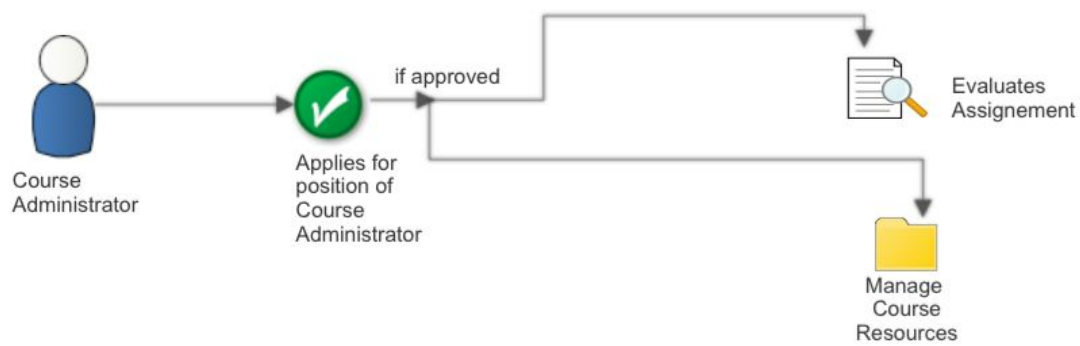Parent → logs into the website → Views Ward Performance

Faculty Work Flow
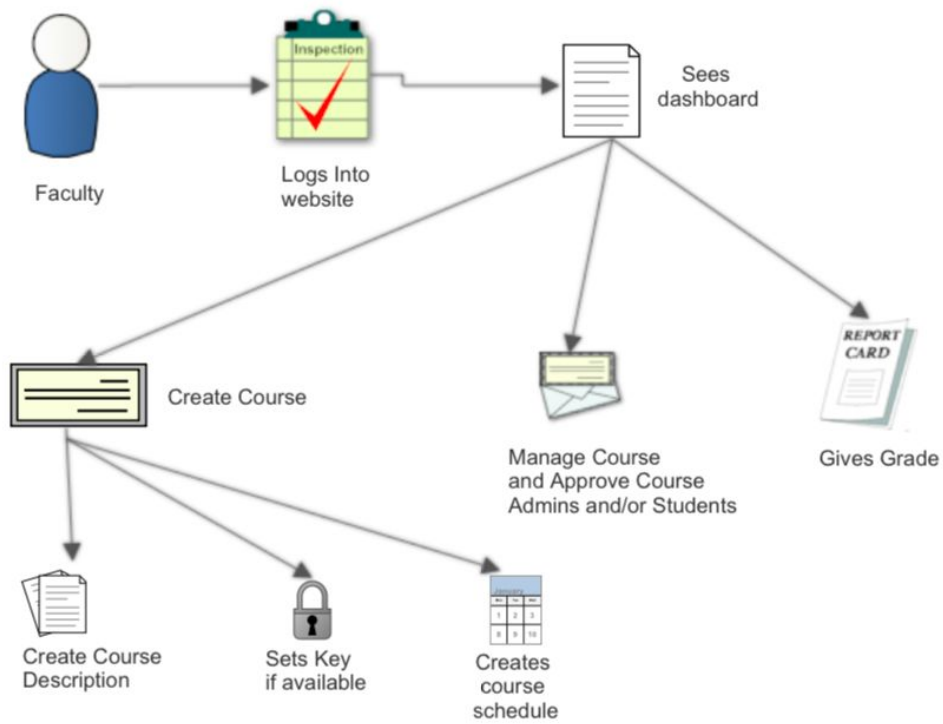
Course Administrator Work Flow

Admin Work Flow