

Mini-Project - 6th Sem

EXAM REGISTRATION SYSTEM

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Assignment 4 - Conceptual Class and Domain Model

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Domain Model:

IDENTIFICATION OF CONCEPTUAL CLASSES:

a. Conceptual Class Category List:

Conceptual Class Category	Examples
Roles of People	Student, Controller of Examination
Specification, designs or descriptions of things	ProductSpecification ExamDetails
Record of Transactions, Process, Service	Bank Server, Registration Database
Transactions	Payment
Events	Registration, Payment
Rules and Policies	RefundPolicy, CancellationPolicy
Records of finance, work, contracts, legal matters	Receipt, Ledger, MaintenanceLog, EmploymentContract

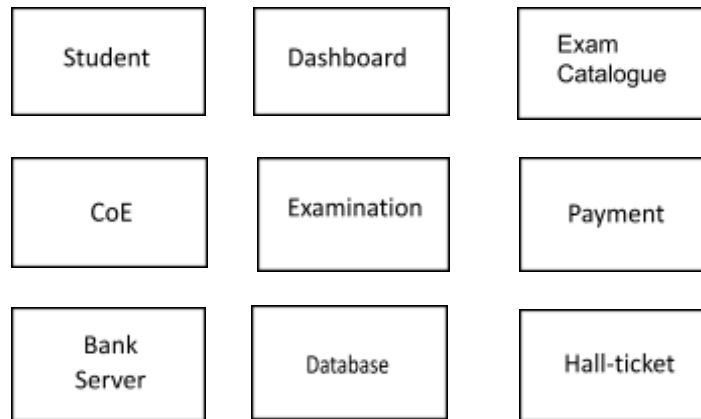
b. Identification of Noun Phrases:

Main Success Scenario of Register for examination use-case:

1. **Student** logs in to the **Dashboard**.
2. Student accesses the **course catalogue** from the dashboard which displays Examinations added by **CoE**.
3. Student searches for **Examination** by entering exam name or ID.
4. Student enters personal details.
5. Student confirms registration and makes **payment** using the **Bank server**.
6. Registration is recorded in the **Database** and the profiles of the students are updated.

7. System verifies the registration and releases **Hall-ticket**.

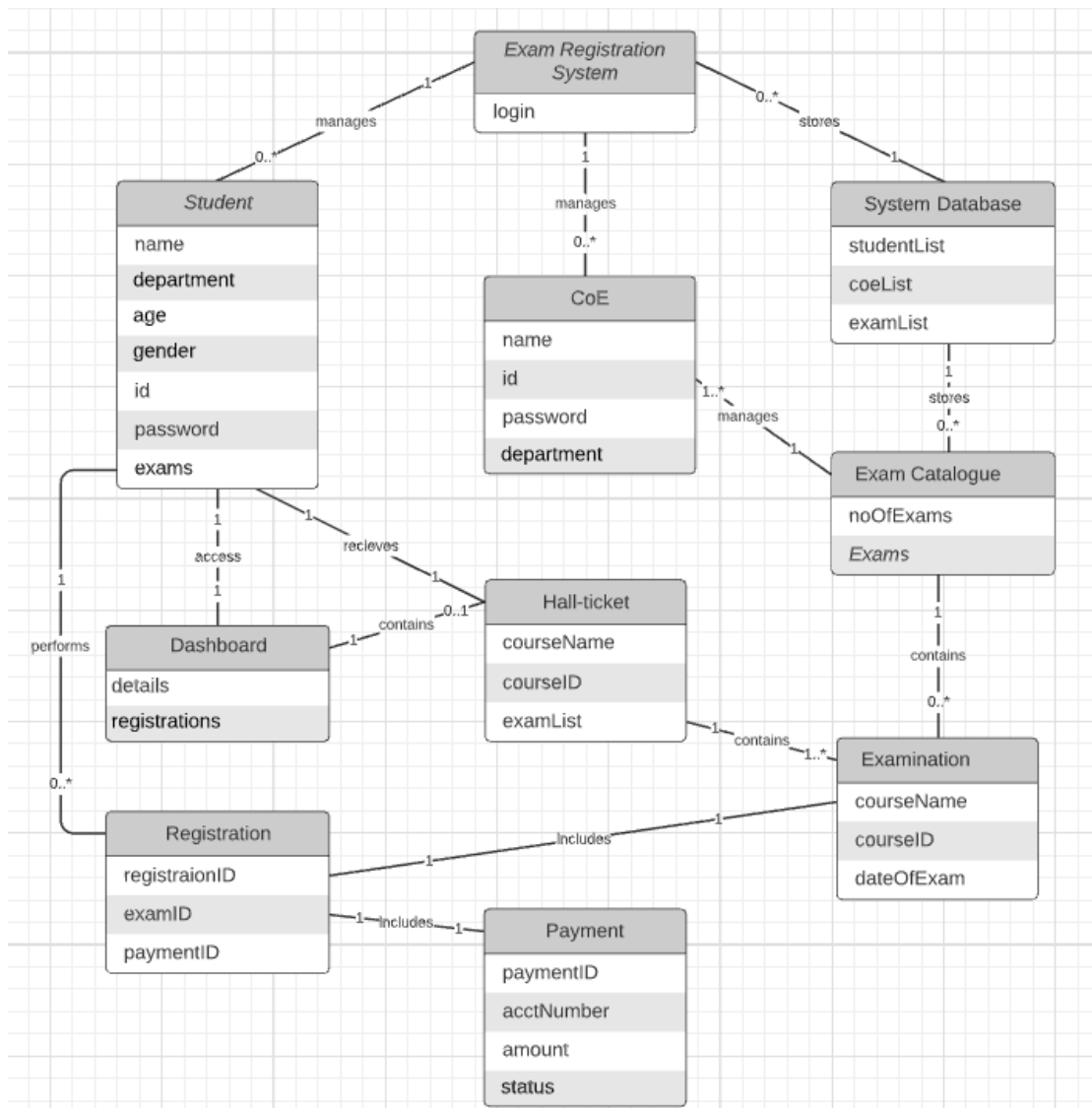
Nouns and Phrases identified from the Main Success Scenario:



Candidate Conceptual Classes:

- Student
- CoE
- Examination
- Dashboard
- System Database
- Exam Catalogue
- Payment
- Registration
- Hall-ticket

Domain Model Diagram:



UML Class Diagram:

