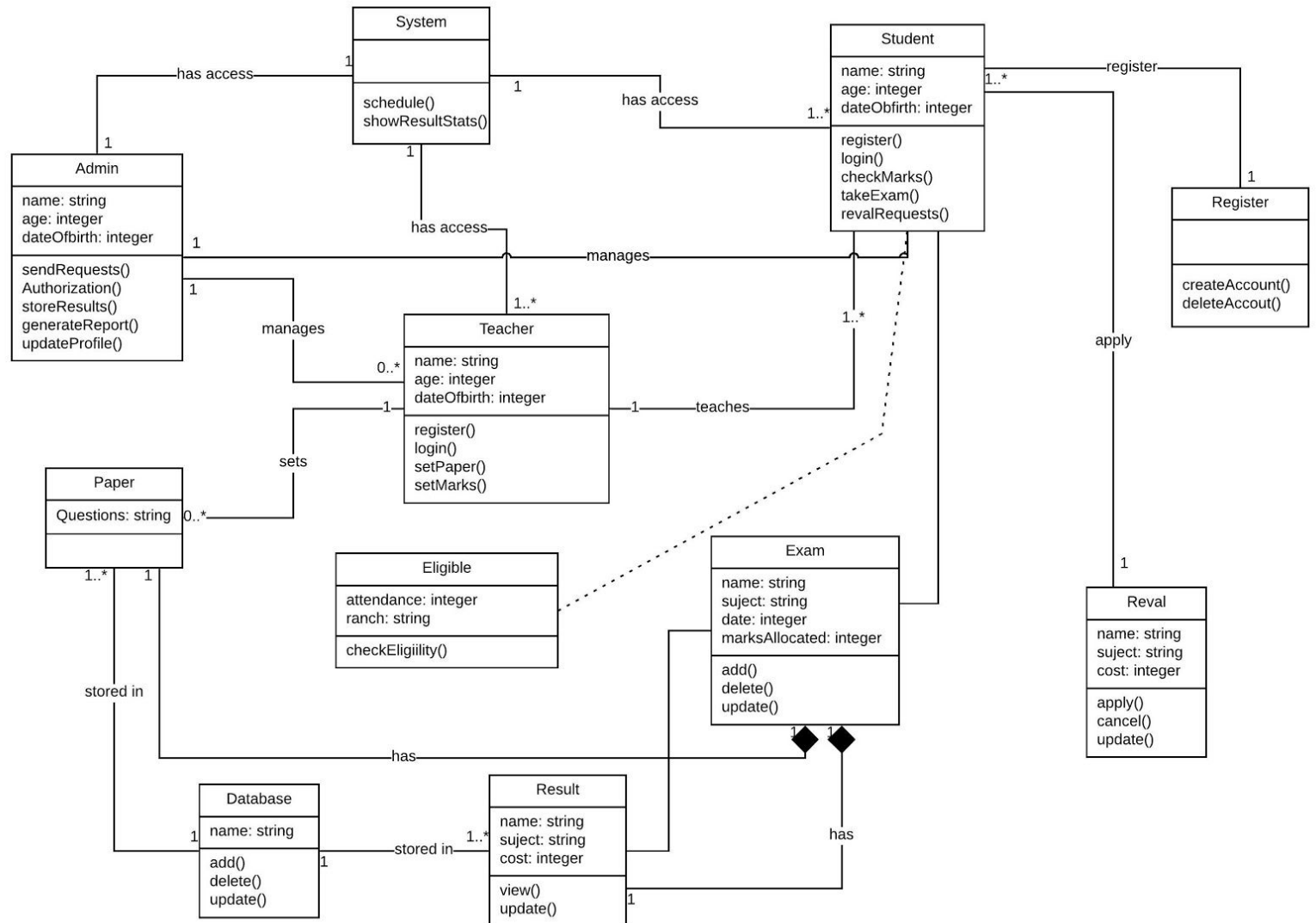
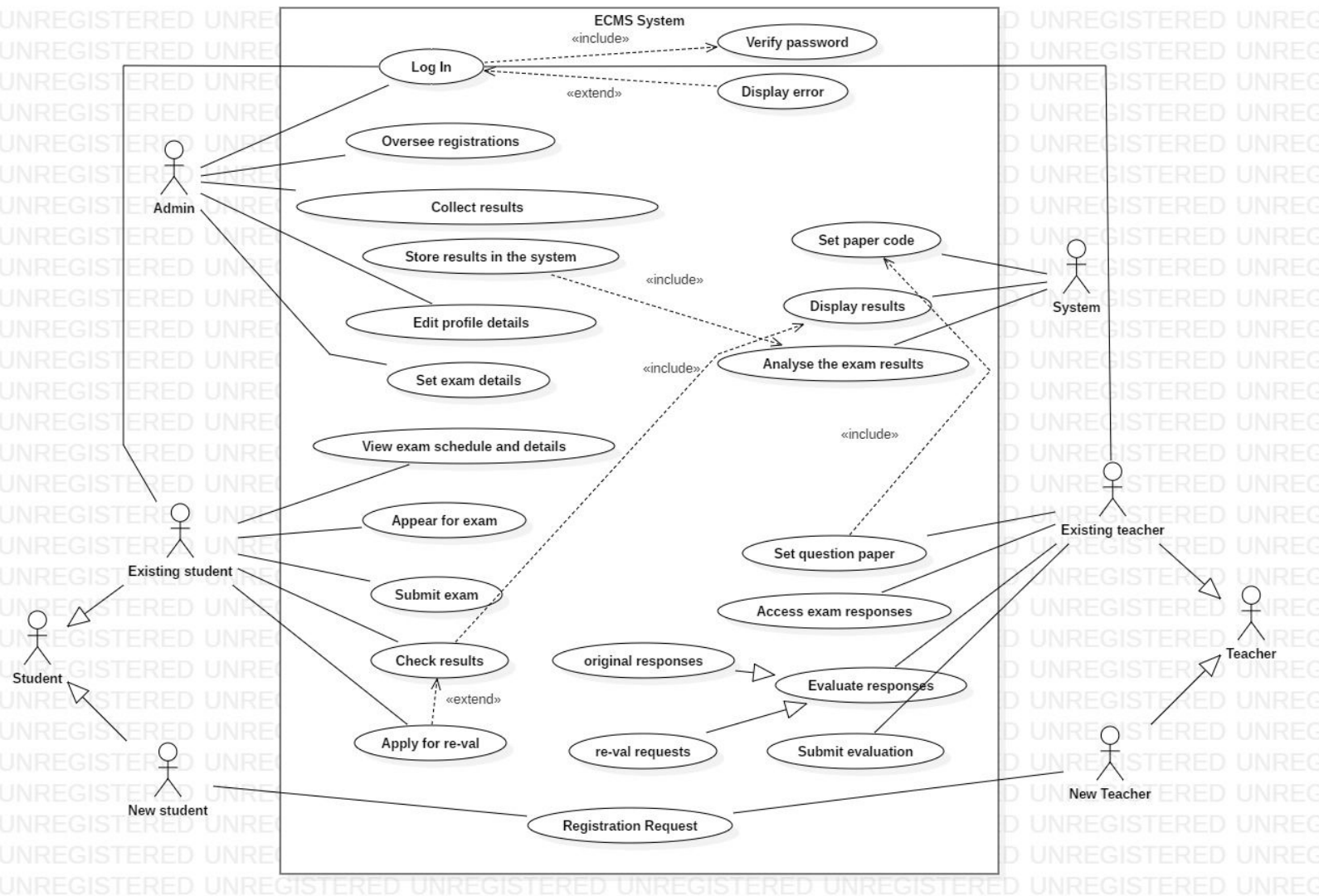


Class Diagram



Use Case Diagram



Use Case Description

1.Log In

Actors : Student,Teacher,Admin

Pre-Condition : User trying to log in must be valid user

Description : This is most critical as it deals with user to be able to access other features of the system.

Exceptions: Invalid User

2.Registration request

Actors :New Student,New Teacher

Pre-Condition:The user must be a valid member of an institution

Description: The user must be able to register furnishing his details in order to make a valid account

Exceptions: Non member of an institution

3.View exam schedule and details

Actors: Student

Pre-Condition: The student must register for the particular exam.

Description: The student must be able to view the exam details and schedule and make plans accordingly.

Exceptions: Invalid student , or unregistered student

4.Appear for the exam

Actors: Student

Pre-Condition: The student must register for the particular exam.

Description: The student must write the exam if registered unless there is a valid reason .

Exceptions: Invalid student , or unregistered student

5.Submit Exam

Actors: Student

Pre-Condition: The student must register for the particular exam and also appear for the exam.

Description: After appearing for the exam, the student must submit the exam invigilator.

Exceptions: Invalid student , or unregistered student

6.Check Results

Actors:Student

Pre-Condition: The student must have written the exam and submitted it.

Description: After writing the exam the student must be able to check his marks

Exception:Student who didn't write the exam.

7.Apply for re-val

Actors:Student

Pre-Condition: The student should have received valid results.

Description: After Receiving the results if the student is not satisfied he can apply for revaluation.

Exception:Student who didn't write the exam.

8.Set question paper

Actor:Teacher

Pre-Condition: The exam schedule should already have been decided

Description : The teacher sets the question paper for particular subject whose exam has been scheduled

Exception : Invalid subject or teacher

9.Access exam responses

Actor:Teacher

Pre-Condition: The exam should have been written by students and the response submitted.

Description : The teacher accesses the responses of the students through the system or the admin and evaluate them

Exception : invalid teachers not allowed to access responses

10.Evaluate responses

Actor:Teacher

Pre-Condition:The teacher must be able to access the responses before evaluating them

Description: The teacher check the answers based on the blueprint and evaluate and scores them.

11.Submit Evaluation

Actor:Teacher

Pre-Condition : The teacher should have evaluated the responses before submitting them.

Description: After evaluating the responses the teacher should submit the evaluation to the admin.

12.Oversee registrations

Actor :Admin

Pre-Condition: The teachers and students should have registered in the system.

Description : The admin oversees the registrations of all new students and teachers.

13.Collect Results

Actor: Admin

Pre-Condition : The teachers must have evaluated the responses and submitted them to admin

Description: The admin collect result from teachers and store it in the system.

14.Store result in the system

Actor: Admin

Pre-Condition : The admin must have collected result from the admin.

Description: The admin stores result in the system for each student.

15.Edit profile details

Actor:Admin

Pre-Condition: The admin must have appropriate access rights

Description: The admin should be able to edit the profile details of the students and the teachers.

16.Set exam details

Actor :Admin

Pre-Condition: The exam must be scheduled by a committee of suitable people

Description: The admin must add exam details like schedule,venue in the system

17.Set paper code

Actor: System

Pre-Condition: The teacher must have set the paper and added in the system

Description: Whenever the teacher uploads the paper in the system the system automatically adds the paper code for the paper as unique identification

18.Display Results

Actor: System

Pre-Condition: The admin must have fed the results in the system

Description: Whenever the students tries to view his result the system displays it to him

19.Analyse the exam result

Actor: System

Pre-Condition: The admin must have fed the results in the system

Description: Whenever the students tries to view his result the statistics of his performance compared to others must be displayed