



**IT314**

**SOFTWARE ENGINEERING**

**Group 16**

**Online Examination System**

**Class Diagrams and Sequence  
Diagram**

**Prof. Saurabh Tiwari**

## Group Members:

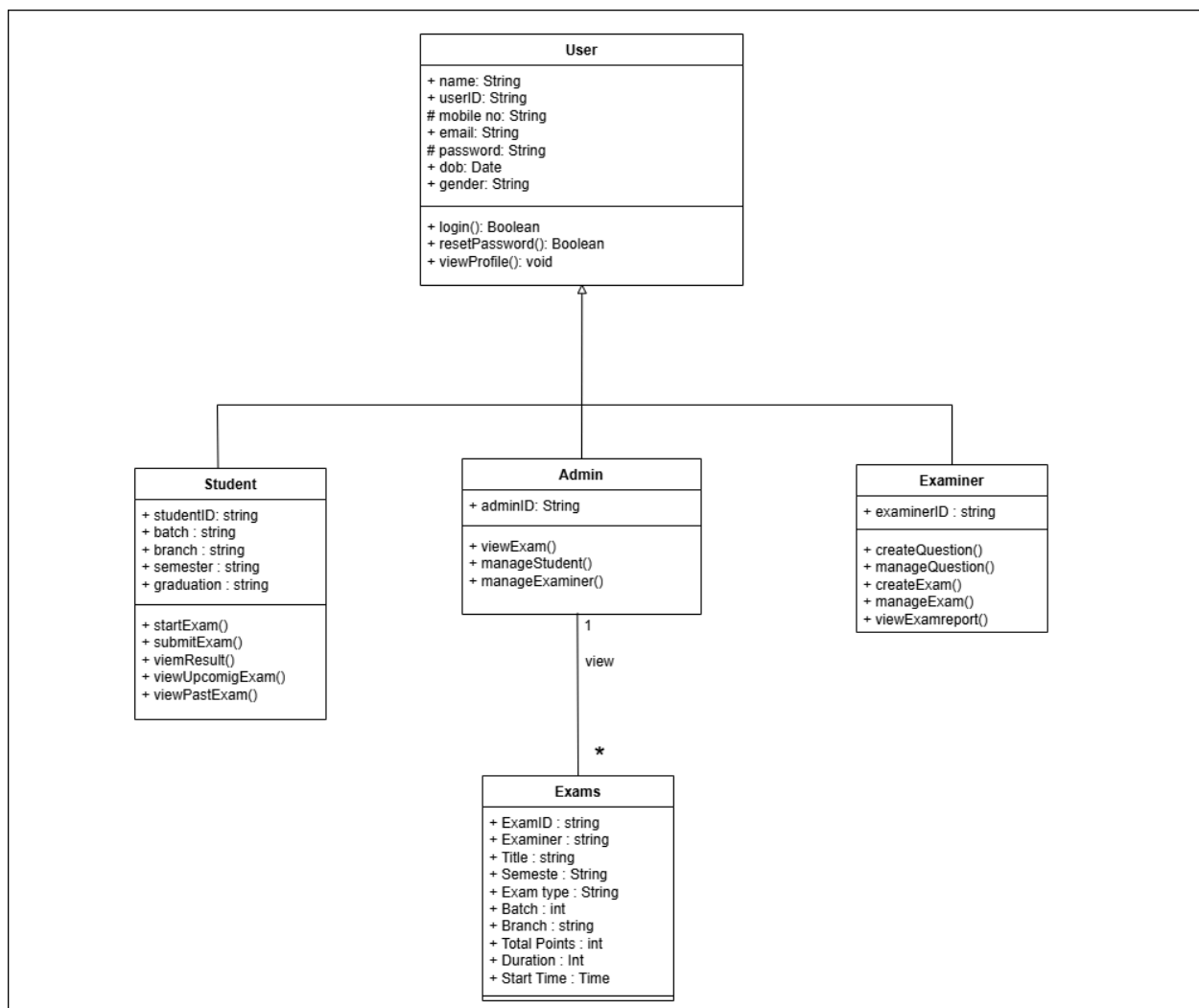
No	Student Id	Name
1	202201204	Meet Mahaliya
2	202201208	Devang Vaghani
3	202201210	Mihir Prajapati
4	202201214	Harshali Dharmik
5	202201225	Gunjan Saroliya
6	202201227	Nishank Kansara
7	202201229	Yash Chaudhari
8	202201241	Divyesh Ramani
9	202201242	Dev Davda
10	202201251	Mehul Vagh

## Sprint 1 (2.5 weeks) - Admin Core Features

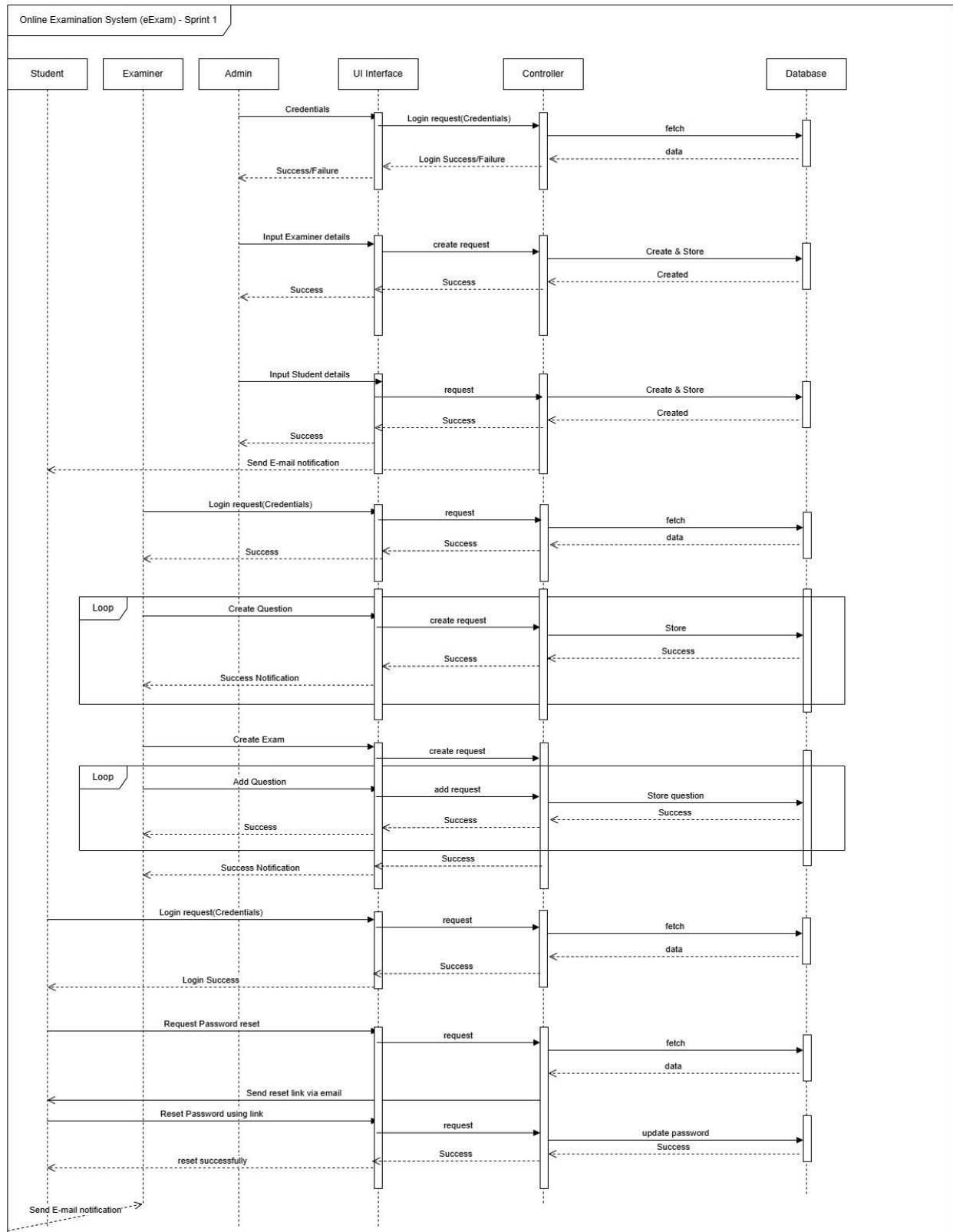
### User Stories in Sprint 1:

1. Admin login
2. Create examiner accounts
3. Manage student accounts
4. Manage the question bank
5. Reset Password

### ➤ Class Diagram



## ➤ Sequence diagram

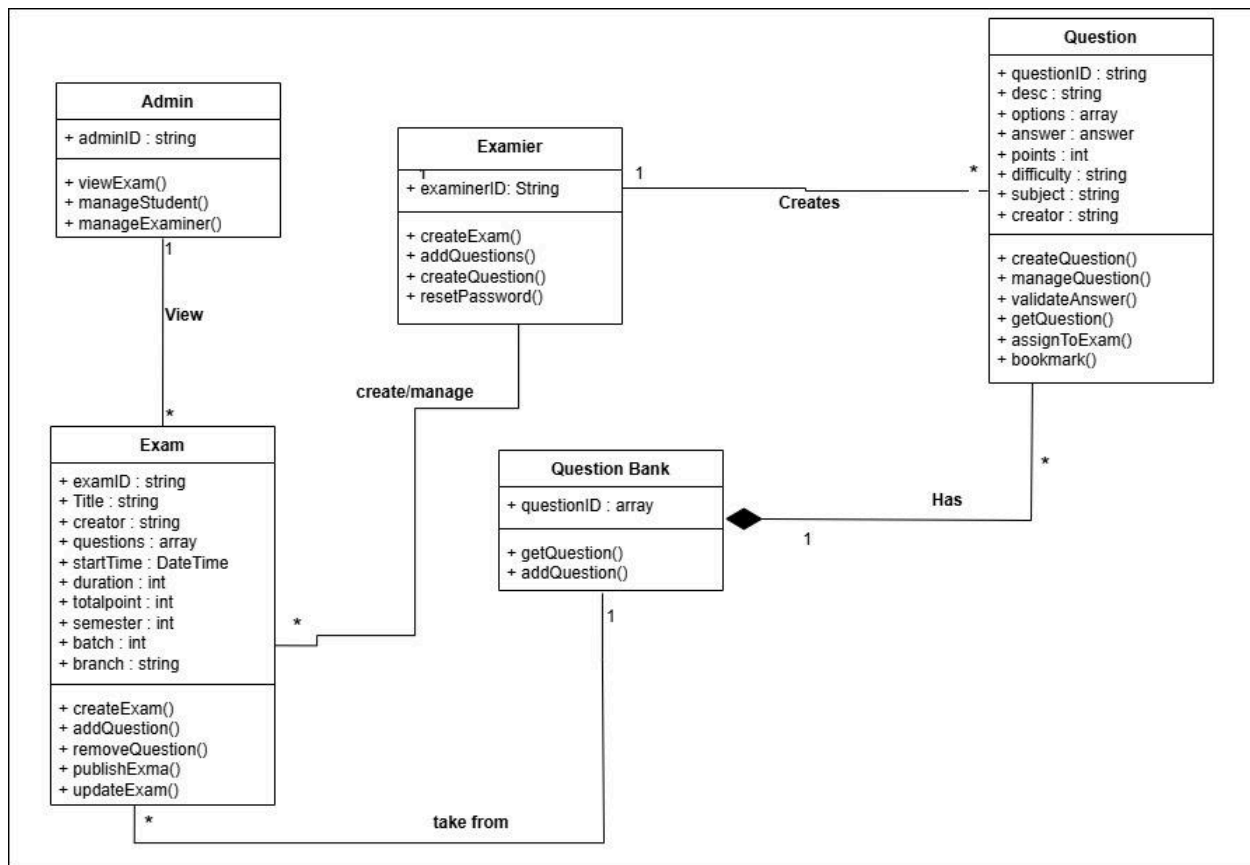


## Sprint 2 (2 weeks) - Admin & Examiner Advanced Features

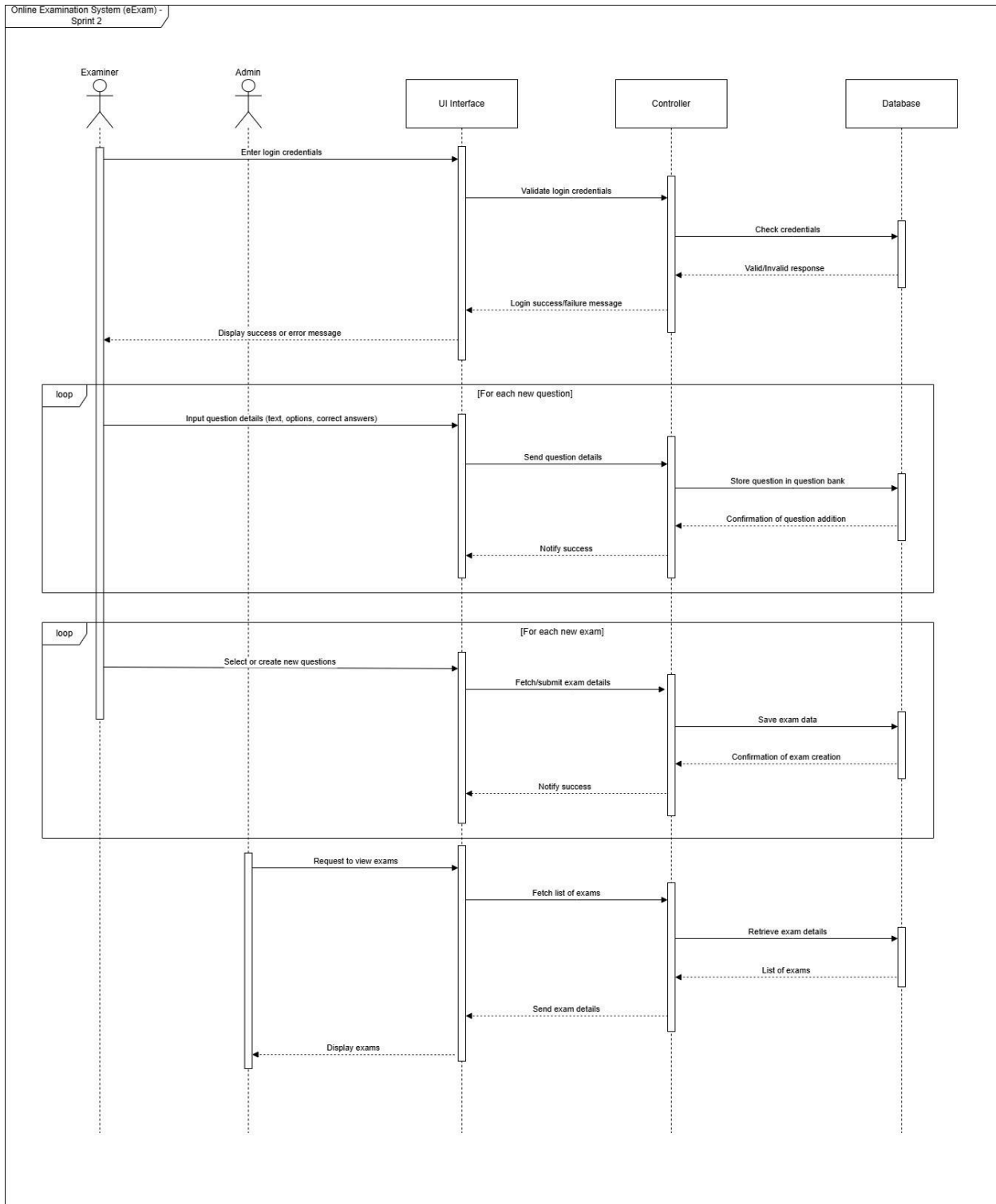
### User Stories in Sprint 2:

1. Admin - Manage exams (User Story 5)
2. Examiner - Log in (User Story 8)
3. Examiner - Create exams (User Story 9)
4. Examiner - Add new questions to the question bank (User Story 10)

### ➤ Class Diagram



## ➤ Sequence diagram

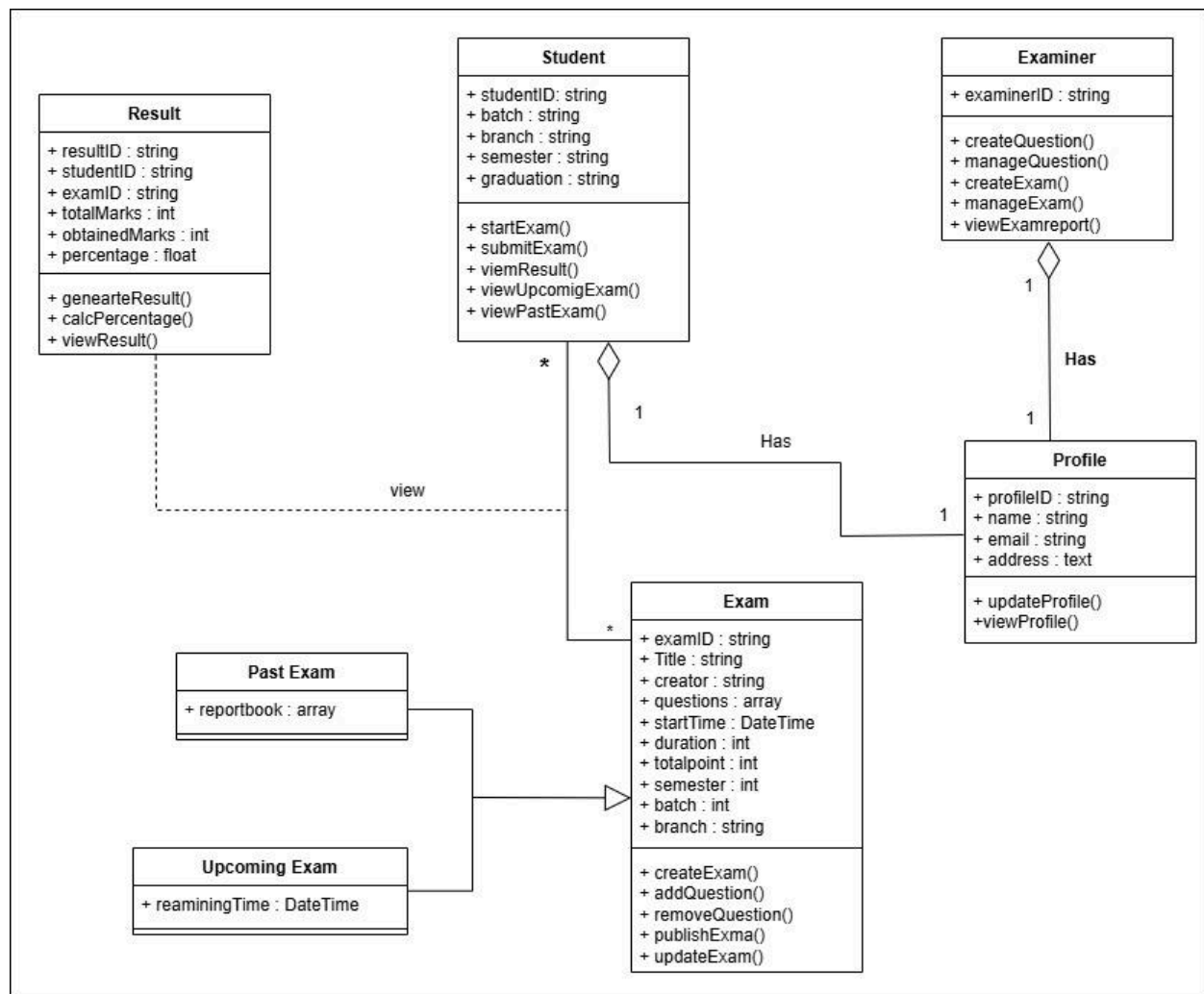


## Sprint 3 (2.5 weeks) - Student Features & Notifications

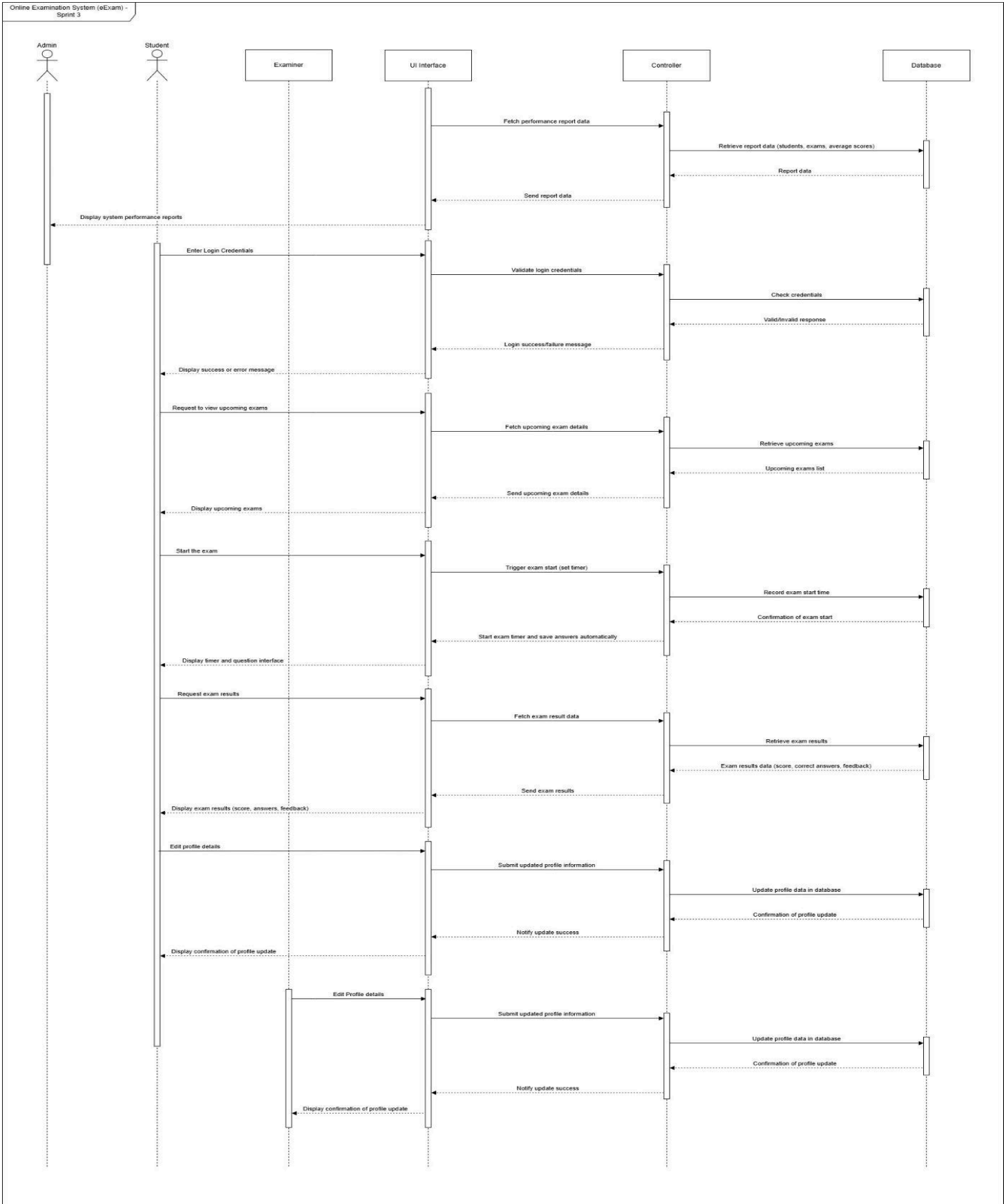
### User Stories in Sprint 3:

1. Admin - View system performance reports (User Story 6)
3. Student - Log in (User Story 16)
4. Student - View upcoming exams (User Story 17)
5. Student - Take an exam (User Story 18)
6. Student - View exam results (User Story 19)
7. Student/Examiner - Update Profile (User Story 24)

### ➤ Class Diagram



## ➤ Sequence diagram



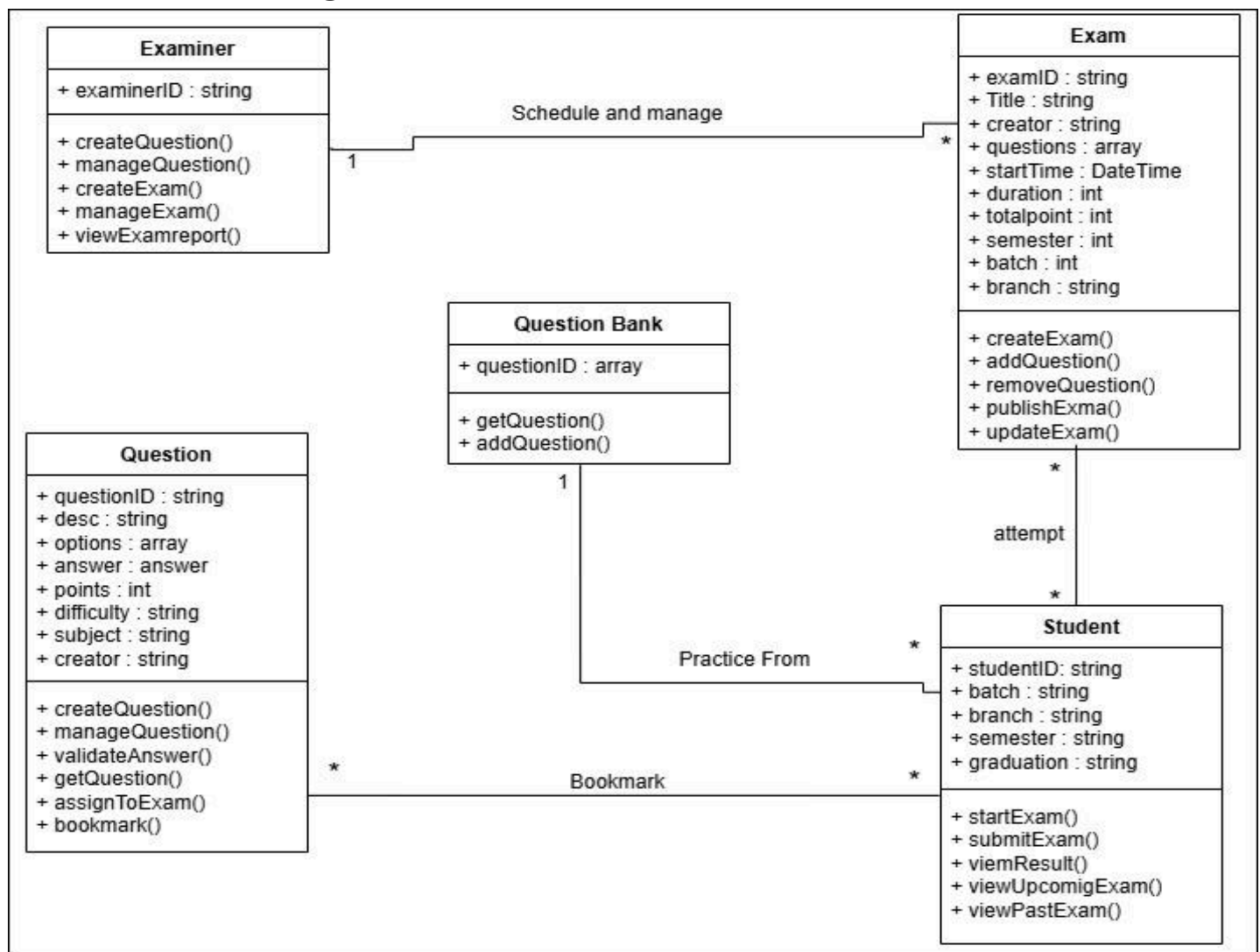


## Sprint 4 (2 weeks) - Examiner Features & Advanced Student Features

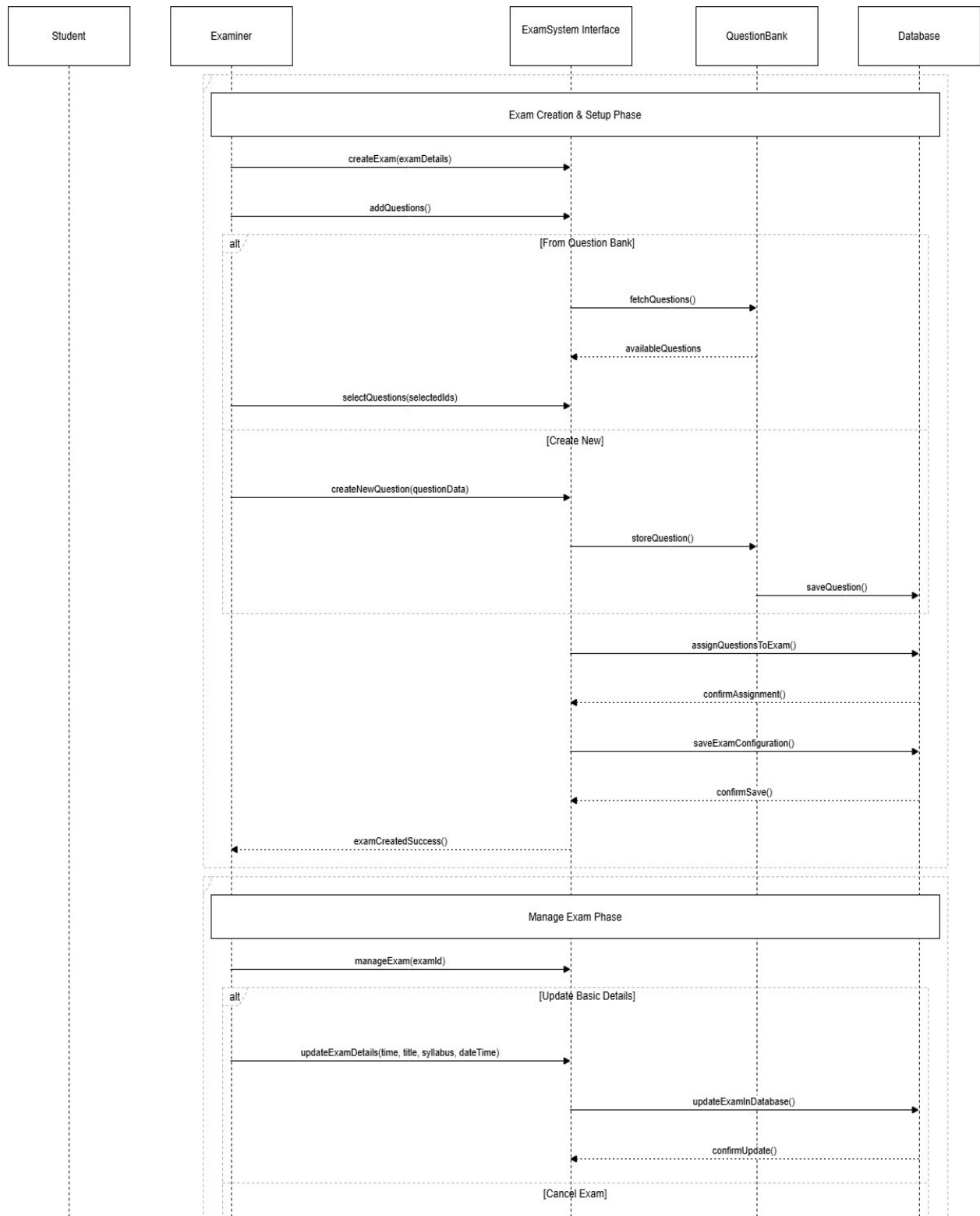
### User Stories in Sprint 4:

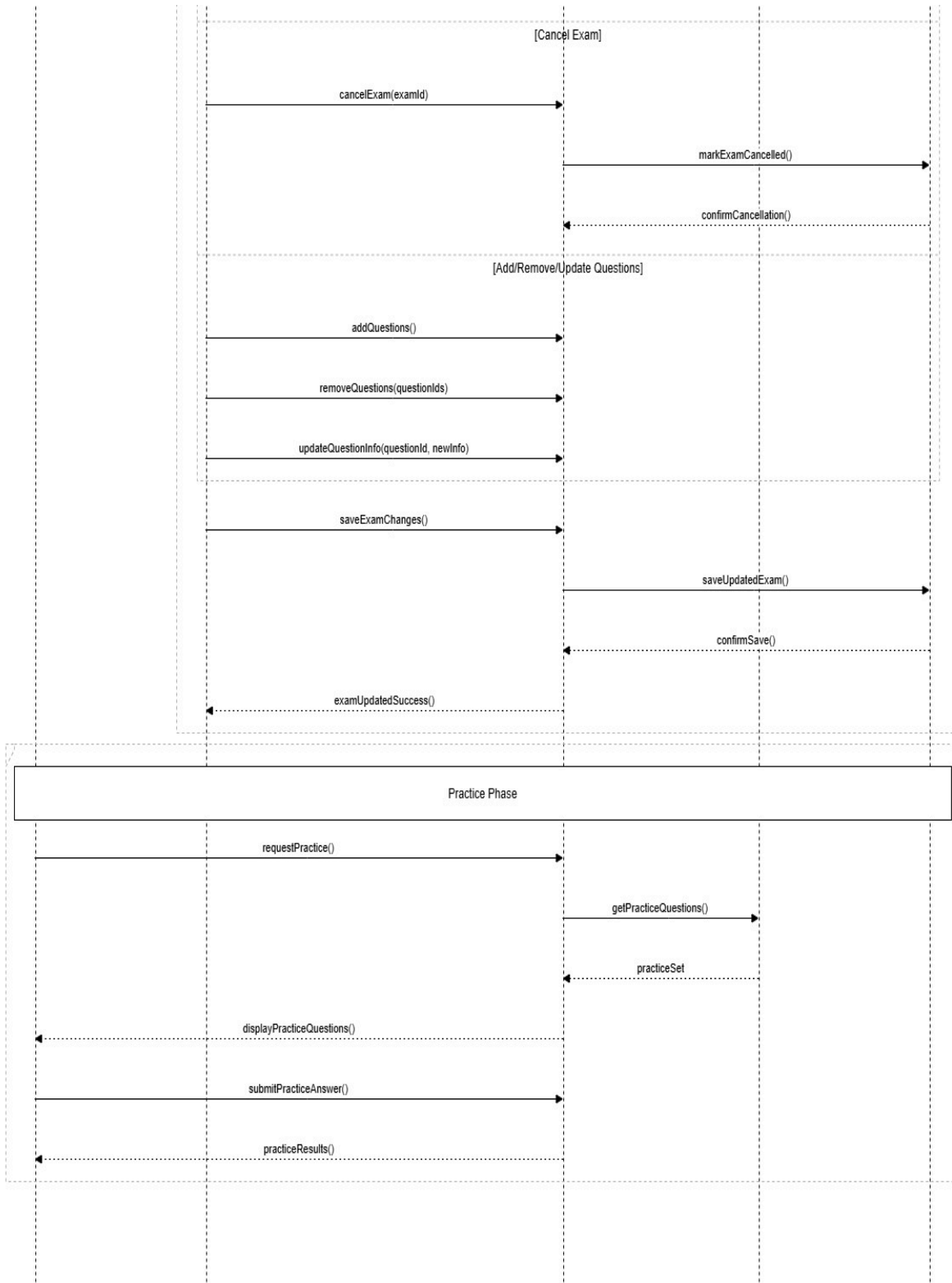
1. Examiner - Schedule exams (User Story 11)
2. Examiner - Manage exams (User Story 12)
3. Examiner - Grade descriptive questions (User Story 13)
4. Examiner - Monitor live exams (User Story 15)
5. Student - Practice questions from the question bank (User Story 20)

### ➤ Class Diagram



## ➤ Sequence diagram



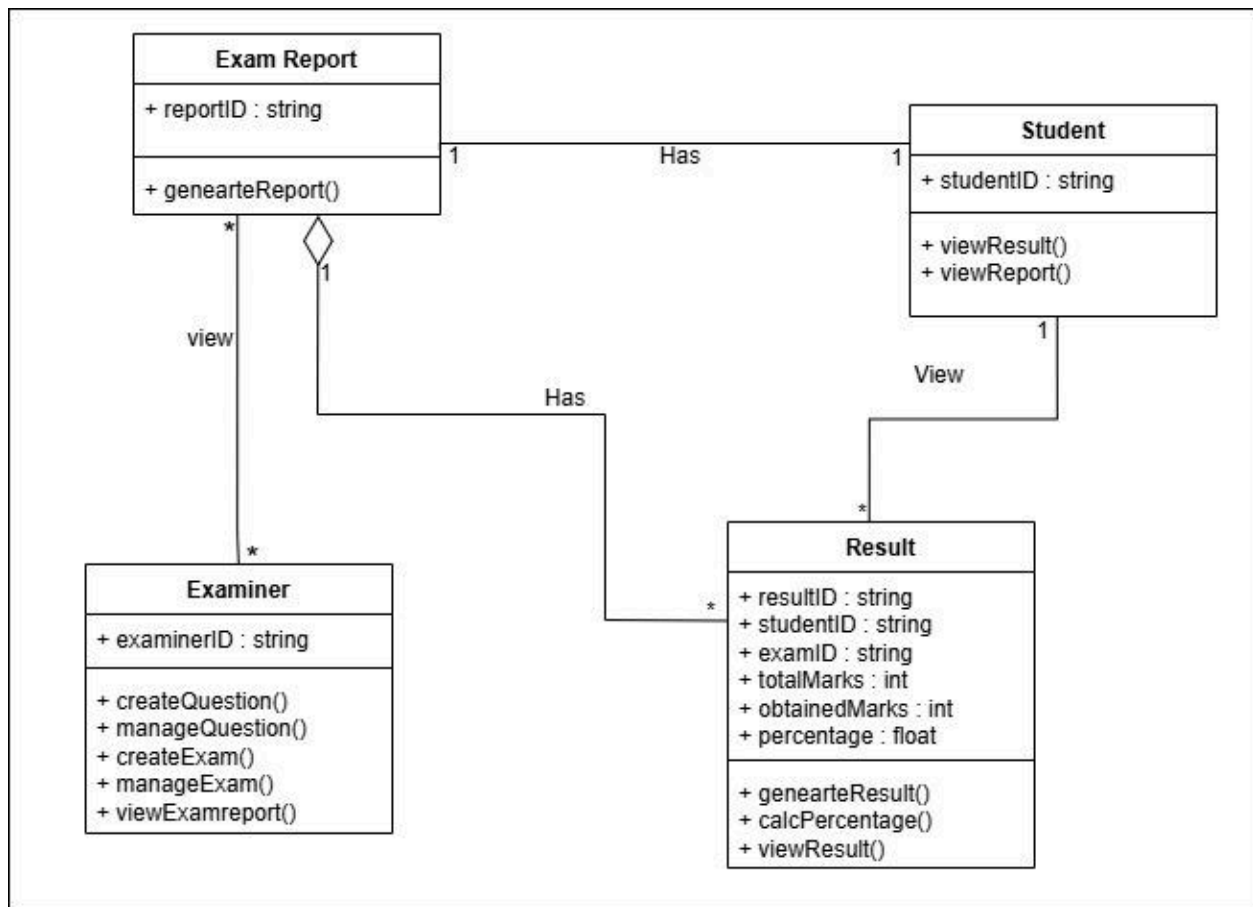


## Sprint 5 (1 weeks) - Examiner Advanced Reports, Notifications, Final Integration

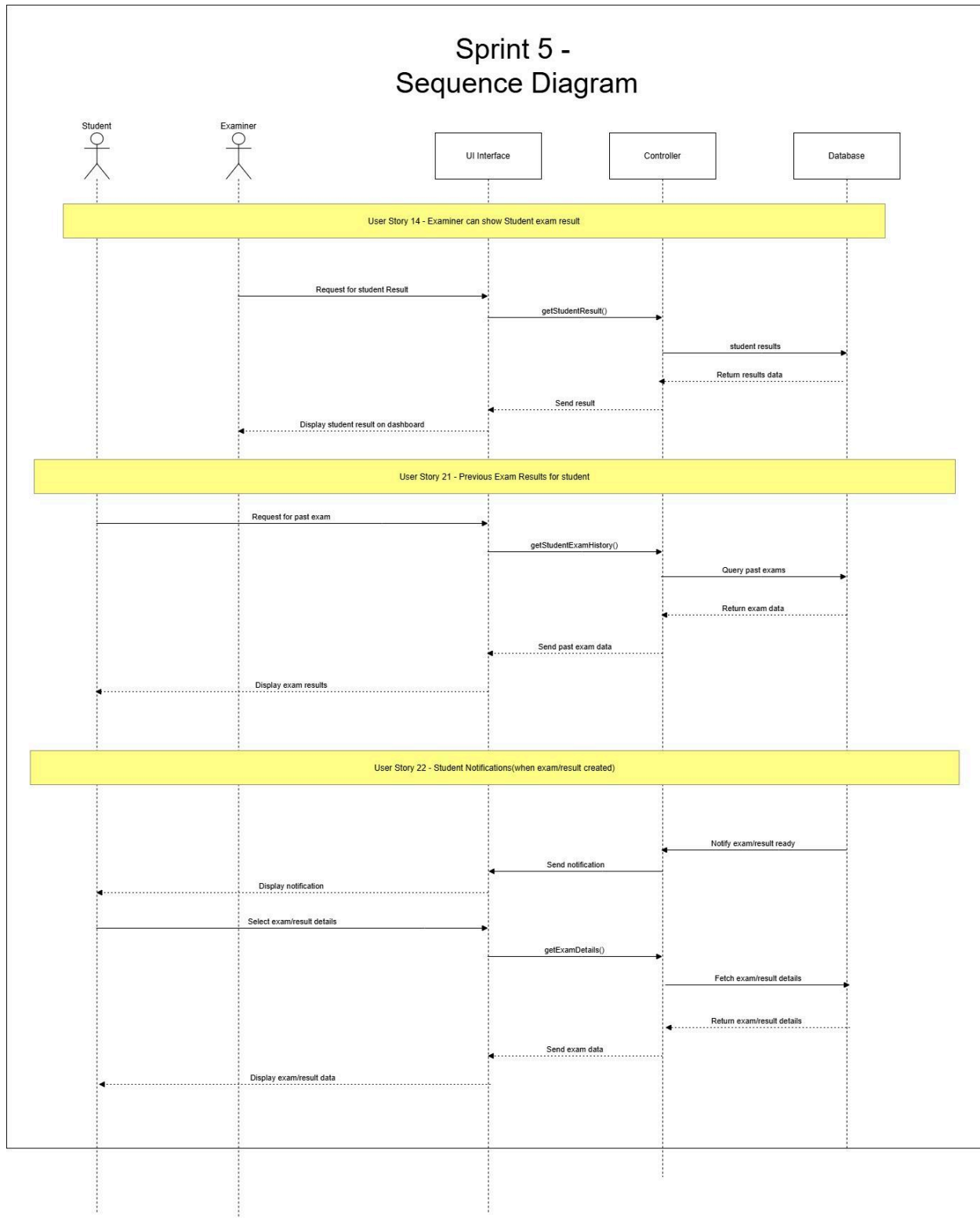
### User Stories in Sprint 5:

1. Examiner - View performance reports (User Story 14)
2. Student - Receive notifications (User Story 22)
3. Student - View previous exam results (User Story 21)

### ➤ Class Diagram



## ➤ Sequence diagram



## ➤ Combined Class diagram for all sprints

