Name: Create Exam

Description: A user adds an exam

Actors: User

Trigger: User needs to modify the exam schedule

Precondition: User permissions granted

Postcondition: Modified data is saved to database

Result: Exam schedule is updated

Outline: 1. User requests Create

2. Check permission level is Admin

3. Enter exam information (Course, Section, Teacher, Location, Time)

4. Validate Time + Location combination does not exist

5. Validate Course + Section combination does not exist

1. Validate Teacher + Time combination does not exist
2. Upload Course, Section, Teacher, Location, Time to Database
3. Get Verification code

A2.1 - Permission denied

1. Error message, prompt Admin log in

A4.1 - location/time conflict

1. Error message - Location/Time conflict
2. Redirect Admin to create exam form (step 3)

A5.1 - course/section conflict

1. Error Message - Course/section conflict
2. Redirect Admin to create exam form (step 3)

A6.1 - teacher/time conflict

1. Error Message - Teacher/Time conflict

8. Redirect Admin to create exam form (step 3)

Name: Update Exam

Description: A user edits existing exam

Actors: User

Trigger: User needs to modify the exam schedule

Precondition: User permissions granted

Postcondition: Modified data is saved to database

Result: Exam schedule is updated

Outline: 1. User requests Update

2. Check permission level is Admin

3. Select exam to be edited

4. Enter new exam information (Course, Section, Teacher, Location, Time)

5. Validate Time + Location combination does not exist

6. Validate Course + Section combination does not exist

7.Validate Teacher + Time combination does not exist

8.Upload Course, Section, Teacher, Location, Time to Database

9.Get Verification code

A2.1 - Permission denied

3.Error message, prompt Admin log in

A4.1 - location/time conflict

6.Error message - Location/Time conflict

7.Redirect Admin to update exam form (step 4)

A5.1 - course/section conflict

7.Error Message - Course/section conflict

8.Redirect Admin to update exam form (step 4)

A6.1 - teacher/time conflict

8.Error Message - Teacher/Time conflict

9. Redirect Admin to update exam form (step 4)

Name: Delete Exam

Description: A user deletes existing exam

Actors: User

Trigger: User needs to modify the exam schedule

Precondition: User permissions granted

Postcondition: Modified data is saved to database

Result: Exam schedule is updated

Outline: 1.User selects delete exam

2.User chooses exam to delete

3.Check permission level is Admin

4.Warning message prompting confirmation

5.Remove exam from database

6.Get Verification code

A3.1 - Permission denied

4.Error message, prompt Admin log in

Name: View Exam s

Description: A user view exams

Actors: User

Trigger: User needs to view the exam schedule

Precondition: User online

Postcondition: Exam schedule is visible

Result: User has exam schedule

Outline: 1.User selects view exams

1. Exam information is retrieved from database
2. Exam information is formatted and displayed