**Name:** Create Exam

**Description:** A user adds (schedules) an exam

**Actors:** User

**Trigger:** User needs to modify the exam schedule

**Precondition:** User permissions granted, at least one program, course, room and professor must exist in database

**Postcondition:** Newly scheduled exam is saved to the exam history table in database

**Result:** Exam schedule is updated

**Outline:** 1. User requests Create Exam

2. Check permission level is Admin

3. Enter exam information (start and end of exam periods, Program, Course, Section,

Teacher, Location, Room, Time required for the exam)

4. Validate Time + Location combination does not exist

5. Validate Course + Section combination does not exist

6. Validate Teacher + Time combination does not exist

7. Upload Program, Course, Section, Teacher, Location, Time to Database

8. Get Verification code

Alt flow A1 [insufficient permission at step 2 in the main flow]

A1.1 Error message, prompt Admin log in

Alt flow A2 [location/time conflict at step 2 in the main flow]

A2.1 Error message - Location/Time conflict

A2.2 Redirect Admin to create exam form (step 3)

Alt flow A3 [course/section conflict at step 5 in the main flow]

A3.1 Error Message - Course/section conflict

A3.2 Redirect Admin to create exam form (step 3)

Alt flow A4 [teacher/time conflict at step 6 in the main flow]

A4.1 Error Message - Teacher/Time conflict

A4.2 Redirect Admin to create exam form (step 3)