SOFTWARE REQUIREMENTS AND SPECIFICATIONS

ROUTINE PLUS

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Contribution:
1. **Tasfia Tahsin : Level 1.1, Chat, Signup, Login**
2. **Azmayen Fayek Sabil : Level 1.1, Modify Routine**
3. **Raiyan Noor : Level 1.1, Upload Routine**
4. **Md Arman Hossain Dipu : Level 1.1, User Scenario**

User Scenario

User Account Management:

Users will create an account which will help to identify them by their roles. Any user needs to provide some common information like ID, Full Name, Profile Image, Phone Number, Email, Password. Users will choose their role as student, CR, Teacher, Admin which will be verified by the system.

User Activities:

Students, CR and Teachers will view their routine. Students will receive notifications related to their classes and courses. If any adjustment to the routine is made they can easily get informed by viewing the routine. Students can participate in Group Chat with the Teacher and other Students.
Teachers can Add or Remove their classes after discussion with Students or CR. He can insert his class in a vacant period or ask for permission from other teachers to swap their classes. If succeeded these changes will be notified to all.
CR can request the teacher for any changes in the routine. CR can chat with the concerned teacher privately and modify the routine with permission.

View Routine:
All users will be able to view their own routine including the teachers and admins will be able to see any routine by using the section code.

Admin Perspective:
Admin will initially upload routines. Admin can see all routines of different departments, post announcements and notices. He can chat with CR and teachers privately.
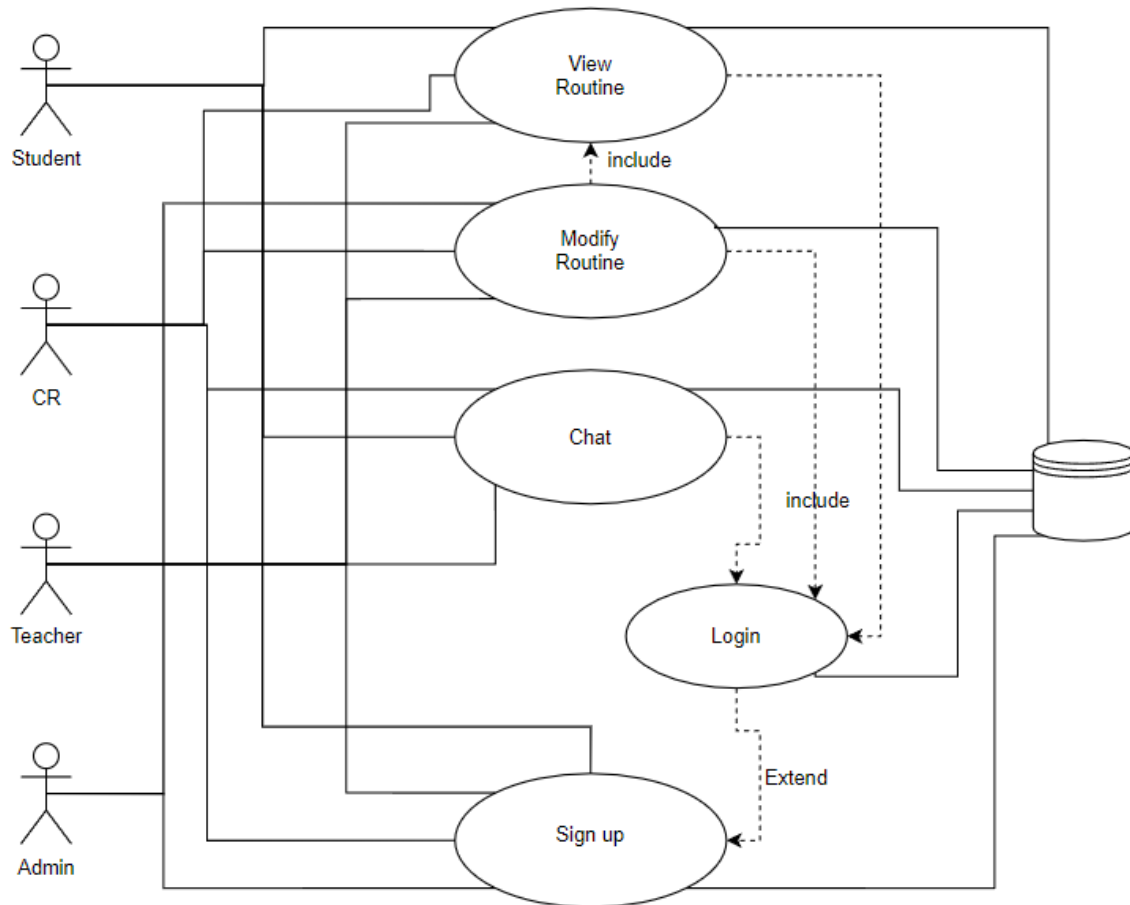
Modify Routine
Students can request a teacher to reschedule class or the other way around. If there is an opportunity to change the routine then the routine will be modified and all concerned will get a notification regarding the change.

Chat Feature
Private Chat or Ad Hoc Chat Groups can be created . Users can chat in groups or privately to discuss routine modifications.
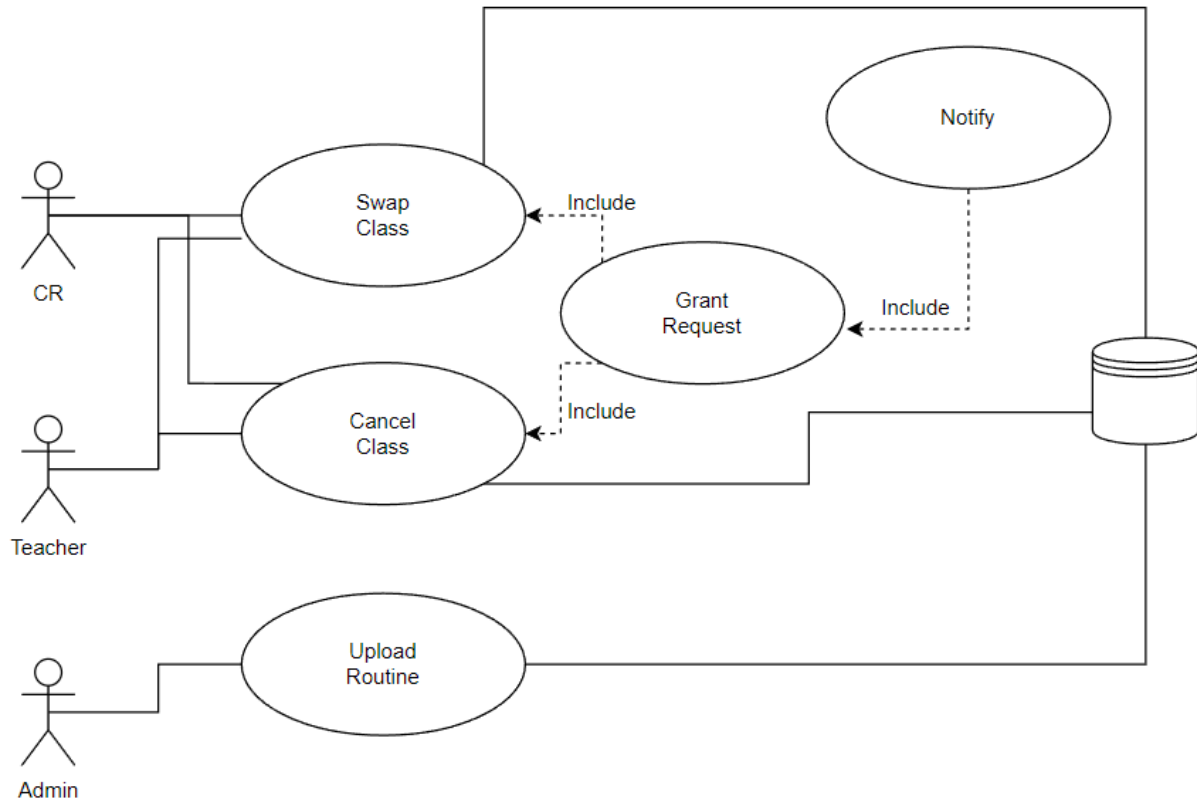
Level 1
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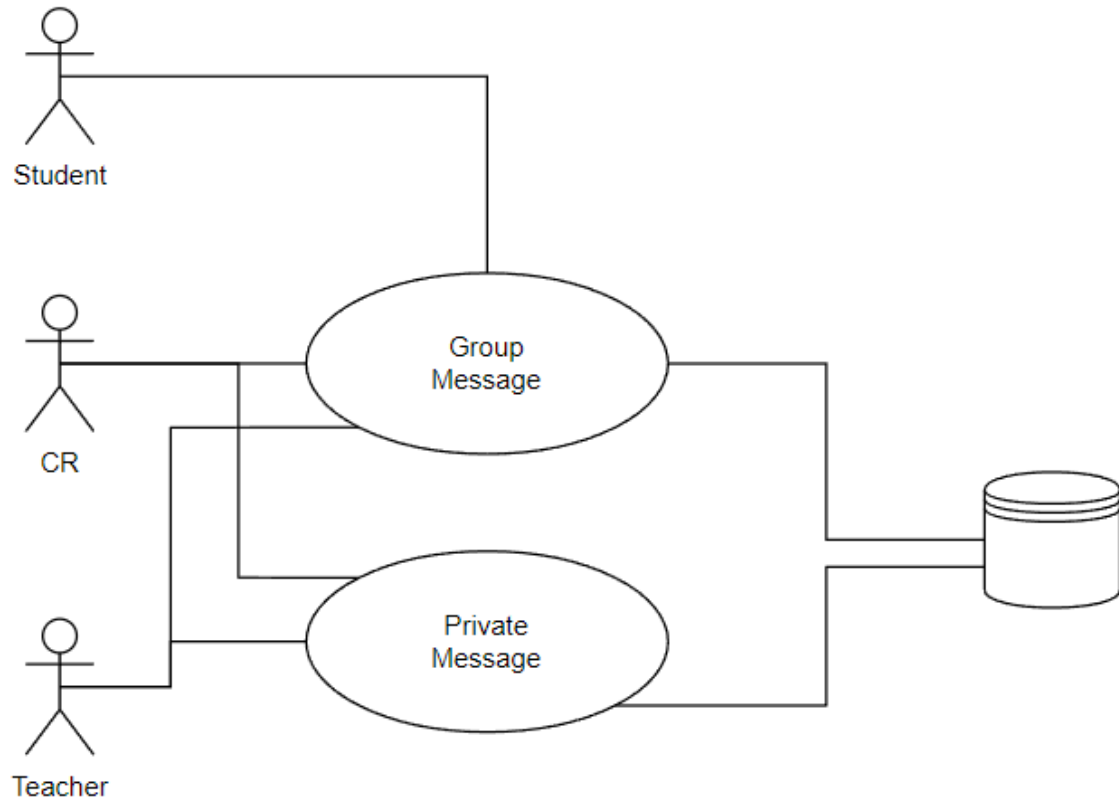
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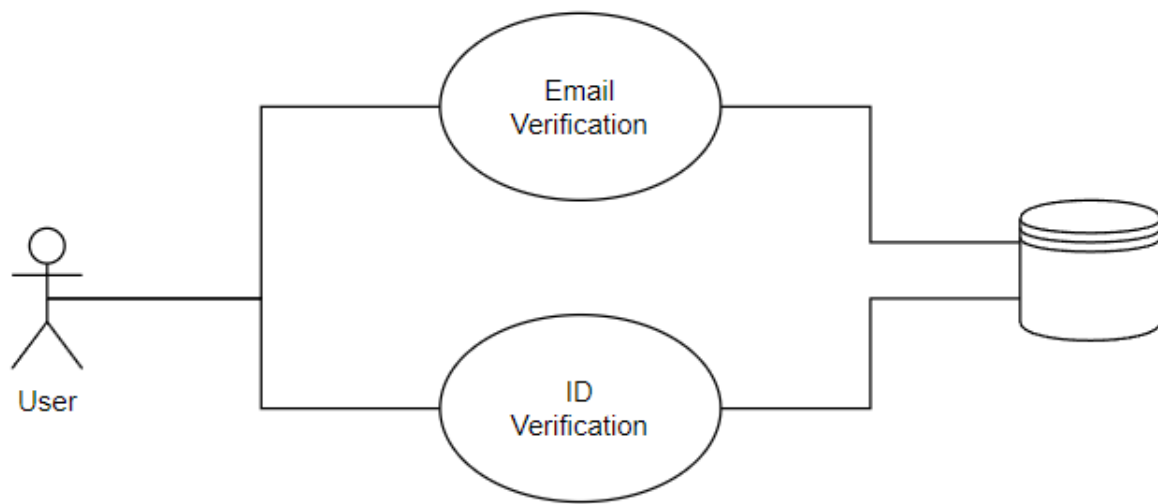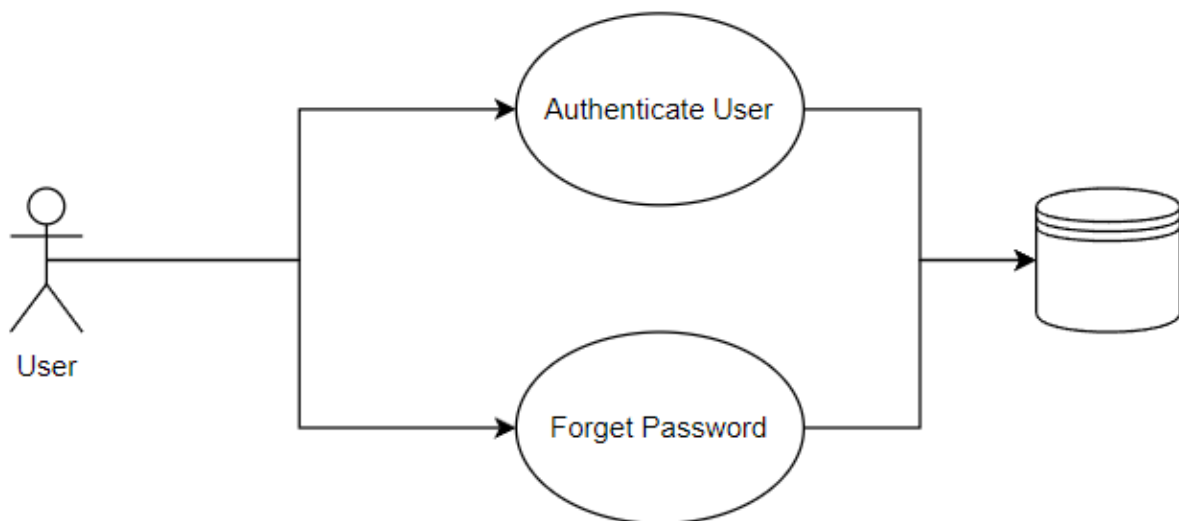**Name: Modify Routine**

Level: 1.3
Name: Chat

Level: 1.5
Name: Sign up

Level: 1.4
Name: Login

Level: 1.2.3
Name: Upload Routine