Schedule Maker

This project can help students and teachers. The main goal of the project is to provide easy and comfortable way to know your school or university schedule, search audience, teacher or lesson time by name of subject.

Roles: Admin, User, Guest.

Role	Description
Admin	Can view all info about all users are register. Sure, admin is to sing in. He can create schedule, correct, update, delete. Admin can search lessons, teachers, audience, group. Also admin can lock or unlock users. Has ability archive schedules. Can view activity.
User	Can view posted schedule, search date, teacher, group. Can change password, delete an account. Can download pdf file with schedule. User can be notified with email.
Guest	User that isn't logged in. This role can sing up and log in.

User Management System

№	Role	Use case	Description	Action name	Tests
1		Change password	Change his password in the system	changePass	
2		Delete an account	Delete an account	deleteAccount	
3		Search by group	Search schedule by group name	searchByGroup	
4	User	Search by teacher	Search schedule by teacher	searchByTeacher	
5		Search by date	Search schedule by date of lesson	searchByDate	
6		Download	Download schedule	download	

№		Use case	Description	Action name	
		schedule			
7		Notified	Choose be notified or now	notification	

Account Management System

№	Role	Use case	Description	Action name
1	Guest	Log up	Log up in system	LogUp
2		Log in	Log in to the system	LogIn
3	User	Log out	Log out from the system	LogOut

Schedule Management System

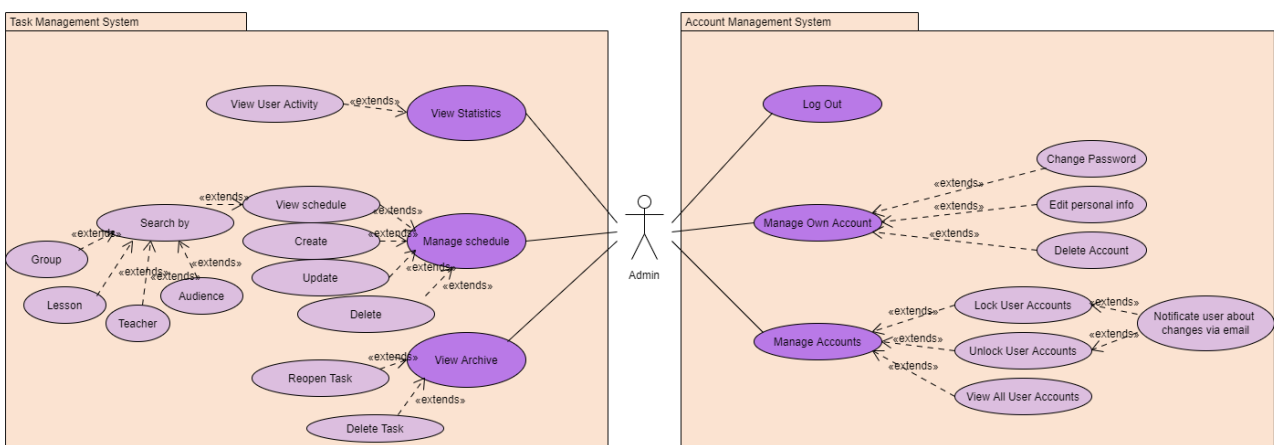| №	Role	Use case	Description	Action name	Tests
1		Create schedule	Create new schedule	createNew	
2		Update	Update schedule	update	
3		Delete	Delete schedule	delete	
4		Search	Search schedule by teacher, lesson, audience, group	searchBy	
5		Lock users	Make user unavailable	lockUser	
6	Admin	Unlock users	Make user available	unlockUser	
7		Archive	Make schedule irrelevant	archiveSchedule	
8		View activity	View details about attendance, users activity	viewActivity	
9		Change password	Change his password in the system	changePass	

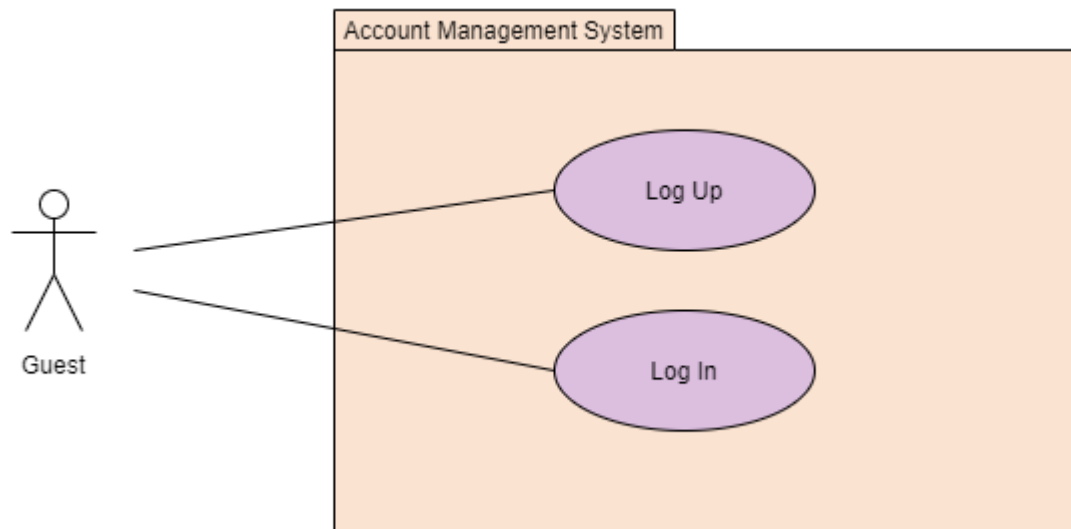| 11		Delete an account	Delete an account	deleteAccount	

Use case diagrams

User role use case diagram:
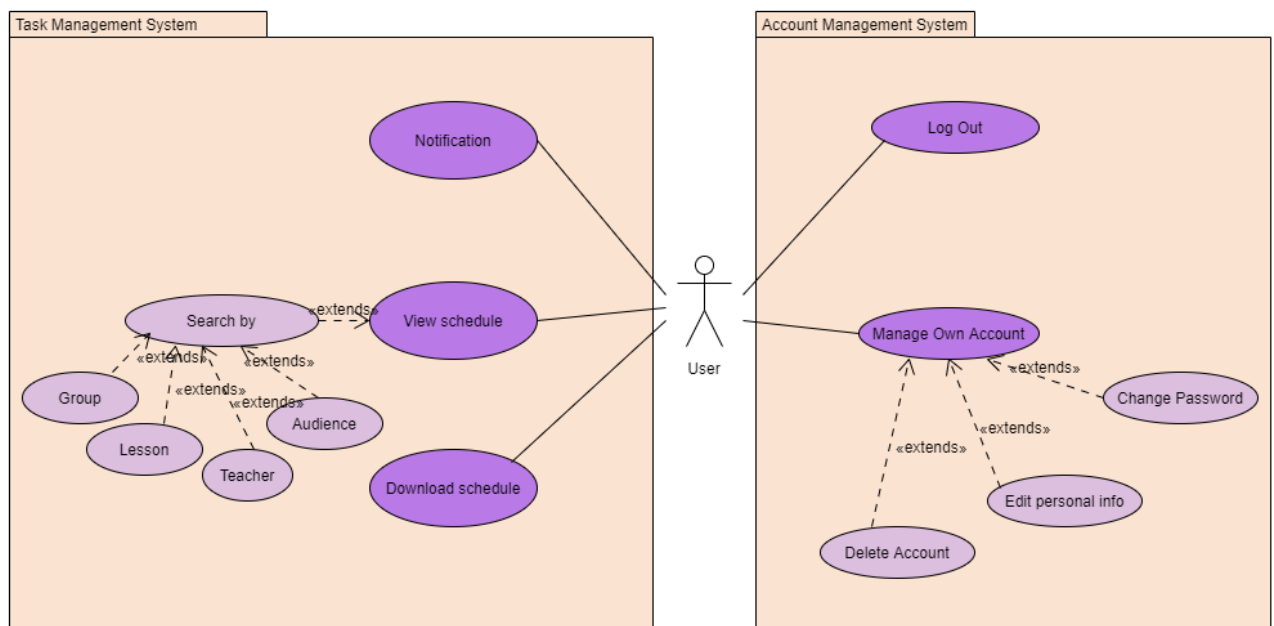
Admin role use case diagram:

Guest role use case diagram:

Sequence diagram

Admin   Schedule Management System   Guest   Account Management System   User

loop

Create schedule

Update schedule

Delete schedule

Search schedule by

View schedule

Response (Schedule details)

Archive Schedule

Restore Schedule from archive

Delete Schedule from archive

View schedule statistics

Response (Schedule statistics)

loop

Log Out

Manage own account

Log Up

Log In

loop

Lock/Unlock user account

Notify user about locking

View all user accounts

Response (all accounts)

Manage own account

loop

Download schedule

Notification that the schedule is loaded

Search schedule by

View schedule

Response (Schedule details)

Notification that the lesson is starting