TestingStudentKnowledge

The goal of the project is to provide teachers with the opportunity to conduct a simple test of students' knowledge, to simplify the conduct of distance tests and exams (in test form). The system allows the teacher (administrator) to get access to all works, accounts, statistics of results. Also, administrators can create new tests and edit them.

Roles: Guest, User, Admin

Role	Description
Guest	User that isn't logged in. Can sing up and log in
User	Login/Logout from the system, edit personal data (change password, add a photo, etc.), take the test and receive results after passing, view the statistics of ratings.
Admin	Login / logout from the system, edit personal data (change password, add a photo, etc.), view results, student statistics, create tests and edit them, view user profiles, add / remove a user to a test.

Account Management System

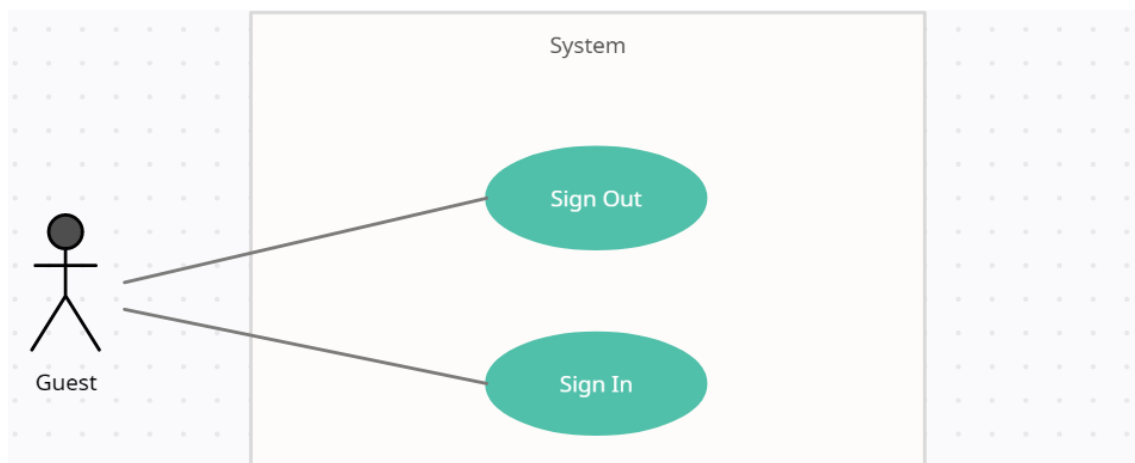| №	Role	Use case	Description	Action name
1	Guest	Sign up	Sign up in system	SignUp
2	User	Log in	Log in to the system	LogIn
		Log out	Log out from the system	LogOut
		Manage own account	Change password, add a photo, etc.	ManageAcc

User Management System

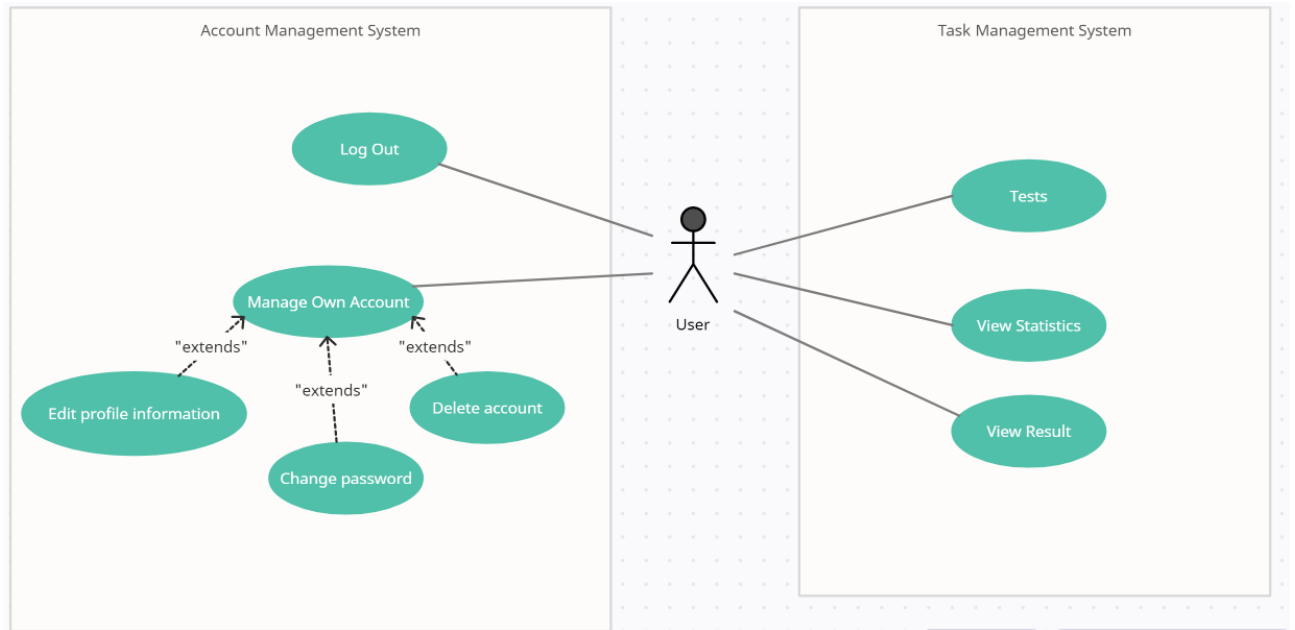| №	Role	Use case	Description	Action name	Tests
1	Admin	Add user to test	Provide user access to the test	AddUser	
		Remove user from test	Restrict user access to the test	RemoveUser	
		View all accounts	View all user accounts that take part in the test.	ViewAcc	
		View statistics	Viewing statistics with the results of all accounts that were added to the test	ViewStat	

Task Management System

№	Role	Use case	Description	Action name	Tests
1	**Admin**	Create new test	Create test in system	CreateTest	
		Edit test	Edit test in system	UpdateTest	
		View test details	View all details about the test (date of the test, time of the test, time of access to the test and the number of attempts)	ViewTestDetails	
		View student exam results	Upon completion of the test, the result will be available for viewing.	ViewTestResult	
		Delete test	Delete test from system	DeleteTest	
2	**User**	Tests	Taking the test	StartTest	
		View statistics	View your own rating statistics	ViewStat	
		View result	Viewing the result after passing the test	ViewResult	

Use case diagrams

Guest role use case diagram:

User role use case diagram:

Admin role use case diagram: