Use case list:

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Organization Management:

- O1: Create organization
- O2: Edit organization
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- S1: Coach adds suggestions (yes, maybe, no)
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Communication Management:

- C1: Send decision email

Edition Management:

- E1: Create new edition
- E2: Edit edition
- E3: Delete edition

Use case definitions:

Login process:

UC-Name	L1: User login (email)
Part of process	Logging in to the system
Primary actor	User
Objective	User logs in to the system
Pre-conditions	a. User is not currently logged in
Normal flow	1. User enters email 2. User enters password 3. User confirms login 4. System checks login data 5. System recognizes login data 6. User is redirected to main page
Post condition	a. User is logged in
Exception flow - 5A	System does not recognize login data: 1. System shows "invalid login" message 2. Go back to use case step 1

UC-Name	L2: User login (GitHub)
Part of process	Logging in to the system
Primary actor	User
Objective	User logs in to the system
Pre-conditions	a. User is not currently logged in
Normal flow	1. User clicks GitHub login button 2. User is shown GitHub login screen 3. User enters GitHub login data 4. System checks if user linked to provided GitHub exists 5. User is redirected to home page
Post condition	a. User is logged in
Exception flow – 5A	System does not recognize GitHub user: 1. System shows "invalid login" message 2. Go back to use case step 1

UC-Name	L3: Forgot password
Part of process	Logging into the system, password reset
Primary actor	User

Objective	User can reset password
Pre-conditions	a. User is not currently logged in
Normal flow	1. User indicates he forgot his password 2. System asks for user email 3. User enters email 4. Systems sends reset password link to users email 5. System acknowledges the link was sent
Post condition	a. User receives reset password link
Exception flow - 4A	System does not recognize email: 1. System acknowledges the link was sent

UC-Name	**L4: Reset password**
Part of process	Logging in to the system, password reset
Primary actor	User
Objective	User resets password
Pre-conditions	a. User is not currently logged in
Normal flow	1. User tries to access reset password using URL with temporary token 2. System checks if token is valid 3. User enters new password 4. User enters new password again 5. User confirms password reset 6. System checks if token is valid 7. System updates user's password
Post condition	a. User is sent to login page b. User's password has been reset
Exception flow – 2A, 6A	System does not recognize token: 1. User is sent to login page

UC-Name	**L5: Sign up (email)**
Part of process	Logging in to the system
Primary actor	User
Objective	User creates account
Pre-conditions	a. User is not currently logged in
Normal flow	1. User accesses tokenized register URL 2. System checks if token is valid 3. User enters email 4. User enters password 5. User enters password again

	6. Users confirms account creation 7. System saves user 8. User is sent to homepage
Post condition	a. User's account has been added to the system
Exception flow – 6A	Password is not valid (too short/not allowed characters): 　1. System shows invalid password message 　2. Go back to use caste step 4
Exception flow – 6B	User with provided email already exists: 　1. System shows email taken message 　2. Go back to use case step 3
Exception flow – 6C	Provided email is not a valid email address: 　1. System shows invalid email message 　2. Go back to use case step 3

UC-Name	L6: Sign up (GitHub)
Part of process	Logging in to the system
Primary actor	User
Objective	User creates account trough GitHub
Pre-conditions	a. User is not currently logged in b. User's GitHub is not connected to the system yet
Normal flow	1. User accesses tokenized register URL 2. System checks if token is valid 3. User clicks register through GitHub 4. User is shown GitHub login screen 5. User enters GitHub login data 6. System saves user's GitHub 7. User is sent to homepage
Post condition	a. User's GitHub account has been added to the system
Exception flow – 6A	GitHub login is unsuccessful: 　1. System shows login failed message 　2. Go back to use case step 3

User Management:

UC-Name	U1: Update user role
Part of process	User management
Primary actor	Admin
Objective	Change the role of a user
Pre-conditions	
Normal flow	1. Admin selects user 2. Admin chooses new role for user 3. System updates user's role 4. System indicates the user's role has been updated
Post condition	a. User role has been updated
Exception flow	

UC-Name	U2: Update user profile
Part of process	User management
Primary actor	Admin/Coach
Objective	Change their profile
Pre-conditions	
Normal flow	1. User goes to profile 2. User clicks edit profile 3. User updates his email/first name/ last name 4. User saves profile changes 5. System updates user profile 6. System shows updated user profile
Post condition	a. User profile has been updated
Exception flow – 5A	The form was not filled in correctly: 1. System shows invalid form fields 2. Go back to use case step 3

UC-Name	U3: Add skill
Part of process	User management
Primary actor	Admin/Coach
Objective	Add a skill to the user
Pre-conditions	
Normal flow	1. User goes to profile 2. User clicks skills

	3. User clicks add skill
	4. User fills in skill form
	5. User confirms skill creation
	6. System creates skill for user
	7. System shows new skill
Post condition	a. New skill is added to the user's skills
Exception flow – 6A	The form was not filled in correctly:
	1. System shows invalid form fields
	2. Go back to use case step 4

UC-Name	U4: Edit skill
Part of process	User management
Primary actor	Admin/Coach
Objective	Edit an existing skill of the user
Pre-conditions	
Normal flow	1. User goes to profile
	2. User clicks skills
	3. User clicks edit skill
	4. User updates skill form
	5. User confirms edit
	6. System updates skill
	7. System shows updated skill
Post condition	a. User's skill is updated
Exception flow – 6A	The form was not filled in correctly:
	1. System shows invalid form fields
	2. Go back to use case step 4

UC-Name	U5: Delete skill
Part of process	User management
Primary actor	Admin/Coach
Objective	Delete a skill of a user
Pre-conditions	
Normal flow	1. User goes to profile
	2. User clicks skills
	3. User clicks delete skill
	4. User clicks confirm
	5. System deletes skill
Post condition	a. User's skill is deleted

Exception flow	

UC-Name	U6: Delete user
Part of process	User management
Primary actor	Admin
Objective	Delete a user
Pre-conditions	
Normal flow	1. Admin goes to users 2. Admin clicks delete user 3. Admin confirms delete user 4. System deletes user
Post condition	a. User is deleted
Exception flow	

UC-Name	C2: Send user invitation
Part of process	User management
Primary actor	Admin
Objective	Send an invitation to someone allowing them to create a new account
Pre-conditions	
Normal flow	1. Admin goes to users 2. Admin clicks send new invitation email 3. Admin enters email of user to invite 4. Admin enters email of user to invite again 5. Admin confirms invitation email 6. System sends invitation to the email
Post condition	a. An invitation is sent to an email
Exception flow	

Project Management:

UC-Name	P1: Create project
Part of process	Project management
Primary actor	Admin
Objective	Create a project
Pre-conditions	

Normal flow	1. Admin goes to project page 2. Admin clicks create new project button 3. Admin fills in form 4. Admin confirms project creation 5. System creates the project
Post condition	a. The project is created
Exception flow – 5A	The form was not filled in correctly: 1. System shows invalid form fields 2. Go back to use case step 3

UC-Name	**P2: Edit project**
Part of process	Project management
Primary actor	Admin
Objective	Edit the project
Pre-conditions	a. The project exists
Normal flow	1. Admin selects a project 2. Admin clicks edit button 3. Admin edits form 4. Admin confirms the changes 5. System saves the changes
Post condition	a. The project is altered
Exception flow - 5A	The form was not filled in correctly: 1. System shows invalid form fields 2. Go back to Use Case step 3

UC-Name	**P3: Delete project**
Part of process	Project management
Primary actor	Admin
Objective	Delete the project
Pre-conditions	a. The project exists
Normal flow	1. Admin selects a project 2. Admin clicks delete button 3. System asks confirmation 4. Admin confirms deletion 5. System deletes project
Post condition	a. The project is deleted
Exception flow	

UC-Name	P4: Assign coach to project
Part of process	Project management
Primary actor	Admin
Objective	Assign a coach to a project
Pre-conditions	a. User is a coach b. The project exists
Normal flow	1. Admin selects project 2. Admin clicks add coach button 3. System shows list of coaches 4. Admin selects coach 5. System adds coach to project
Post condition	a. The coach is added to the project
Exception flow	

UC-Name	P5: Remove coach from project
Part of process	Project management
Primary actor	Admin
Objective	Remove a coach from a project
Pre-conditions	a. The coach is assigned to a project
Normal flow	1. Admin selects a project 2. Admin clicks remove button next to coach 3. System asks for confirmation 4. Admin confirms removal 5. System removes coach from project
Post condition	a. The coach is removed from the project
Exception flow	

UC-Name	P6: Assign organization to project
Part of process	Project management
Primary actor	Admin
Objective	Assign an organization to a project
Pre-conditions	a. The organization is not assigned to the project
Normal flow	1. Admin selects a project 2. Admin clicks add organization button 3. System shows list of organizations 4. Admin selects organization 5. System adds the organization to the project
Post condition	a. The organization is added to the project

Exception flow	

UC-Name	**P7: Remove organization from project**
Part of process	Project management
Primary actor	Admin
Objective	Remove an organization from a project
Pre-conditions	a. The organization needs to be assigned to the project
Normal flow	1. Admin selects the project 2. Admin clicks remove button next to the organization 3. System asks for confirmation 4. Admin confirms removal 5. System removes organization from project
Post condition	a. The organization is removed from the project
Exception flow	

UC-Name	**P8: Suggest student assignment for project**
Part of process	Project management
Primary actor	Coach
Objective	Assign a student to a project
Pre-conditions	a. The student is not confirmed assigned to a project
Normal flow	1. Coach selects a project 2. Coach clicks suggest student for project 3. Coach chooses student 4. Coach enters reason for assignment 5. System adds suggested assignment
Post condition	a. The student is suggested for a project
Exception flow	

UC-Name	**P9: Remove suggested student assignment for project**
Part of process	Project management
Primary actor	Coach
Objective	Remove a suggestion made by the coach
Pre-conditions	
Normal flow	1. Coach selects a project 2. Coach goes to project suggestions 3. Coach clicks remove on his own suggestion 4. Coach confirms removal

	5. System deletes suggestion
Post condition	a. The student is suggested for a project
Exception flow	

UC-Name	P10: Invalidate assignment of student for project
Part of process	Project management
Primary actor	Admin
Objective	Remove a student from a project
Pre-conditions	a. The student is assigned to a project
Normal flow	1. Admin selects a project 2. Admin clicks edit project 3. Admin clicks invalidate assignment of student 4. Admin confirms removal 5. System removes student from project
Post condition	a. The assignment of the student is invalidated
Exception flow	

UC-Name	P11: Confirm project
Part of process	Project management
Primary actor	Admin
Objective	Confirm the project is filled up
Pre-conditions	a. There are no assignment conflicts for the students assigned to this project
Normal flow	1. Admin selects project 2. Admin clicks confirm project 3. System asks for confirmation 4. Admin confirms confirmation 5. System confirms project
Post condition	a. The project is confirmed
Exception flow	

Organization Management:

UC-Name	O1: Create organization
Part of process	Organization management
Primary actor	Admin
Objective	Create an organization

Pre-conditions	
Normal flow	1. Admin goes to the organization page 2. Admin clicks create new organization button 3. Admin fills in form 4. Admin confirms the organization 5. System creates the organization
Post condition	a. The organization is created
Exception flow - 5A	The form was not filled in correctly: 1. System shows invalid form fields 2. Go back to use case step 3

UC-Name	O2: Edit organization
Part of process	Organization management
Primary actor	Admin
Objective	Edit an organization
Pre-conditions	a. Organization needs to exist
Normal flow	1. Admin selects an organization 2. Admin clicks edit button 3. Admin edits form 4. Admin confirms the changes 5. System saves the changes
Post condition	a. Organization is altered
Exception flow - 5A	The form was not filled in correctly: 1. System shows invalid form fields 2. Go back to Use Case step 3

UC-Name	O3: Delete organization
Part of process	Organization management
Primary actor	Admin
Objective	Delete an organization
Pre-conditions	a. The organization cannot be linked to projects in the current edition
Normal flow	1. Admin selects an organization 2. Admin clicks delete button 3. System asks confirmation 4. Admin confirms deletion 5. System deletes organization
Post condition	a. The organization is deleted
Exception flow	

Student Management:

UC-Name	**S1: Coach adds suggestion (yes, maybe, no)**
Part of process	Student management
Primary actor	Coach
Objective	Add suggestion to student
Pre-conditions	a. The student needs to exist
Normal flow	1. Coach selects a student 2. Coach clicks yes, maybe or no button 3. Coach enters reason 4. Coach confirms suggestion 5. System adds suggestion
Post condition	a. The suggestion is added
Exception flow	

UC-Name	**S2: Admin confirms suggestion (yes, maybe, no)**
Part of process	Student management
Primary actor	Admin
Objective	Confirm a student's decision/ Update a student's decision
Pre-conditions – No, Maybe	a. The student is not assigned to a project
Pre-conditions – Yes	a. The student is assigned to a project
Normal flow	1. Admin selects a student 2. Admin selects decision 3. Admin clicks confirm 4. System confirms/updates decision
Post condition	a. The student receives a decision/ The decision is updated
Exception flow	

Communication Management:

UC-Name	**C1: Send decision email**
Part of process	Communication management
Primary actor	Admin
Objective	Send a decision email to a student

Pre-conditions	
Normal flow	1. Admin selects student 2. Admin clicks send email (confirmation, rejection or "hold on tight") 3. System sends email to student
Post condition	a. Decision email is sent to the student
Exception flow	

Edition Management:

UC-Name	E1: Create new edition
Part of process	Edit management
Primary actor	Admin
Objective	Create new edition
Pre-conditions	
Normal flow	1. Admin clicks create new edition button 2. Admin fills in edition form 3. Admin confirms edition creation 4. System creates new edition 5. System shows new edition
Post condition	a. New edition is created
Exception flow – 4A	The form was not filled in correctly: 1. System shows invalid form fields 2. Go back to use case step 2

UC-Name	E2: Edit edition
Part of process	Edit management
Primary actor	Admin
Objective	Update an existing edition
Pre-conditions	
Normal flow	1. Admin chooses edition 2. Admin clicks edit edition 3. Admin updates edition form 4. Admin confirms edit 5. System updates edition 6. System shows updated edition
Post condition	a. Edition is updated
Exception flow – 5A	The form was not filled in correctly:

	1. System shows invalid form fields 2. Go back to use case step 3

UC-Name	E3: Delete edition
Part of process	Edit management
Primary actor	Admin
Objective	Delete an edition
Pre-conditions	
Normal flow	1. Admin chooses edition 2. Admin clicks delete edition 3. Admin confirms delete 4. System deletes edition
Post condition	a. Edition is deleted
Exception flow	