



# Analysis

## Phase - 2



# Member Task List

“With the participation of all group members”



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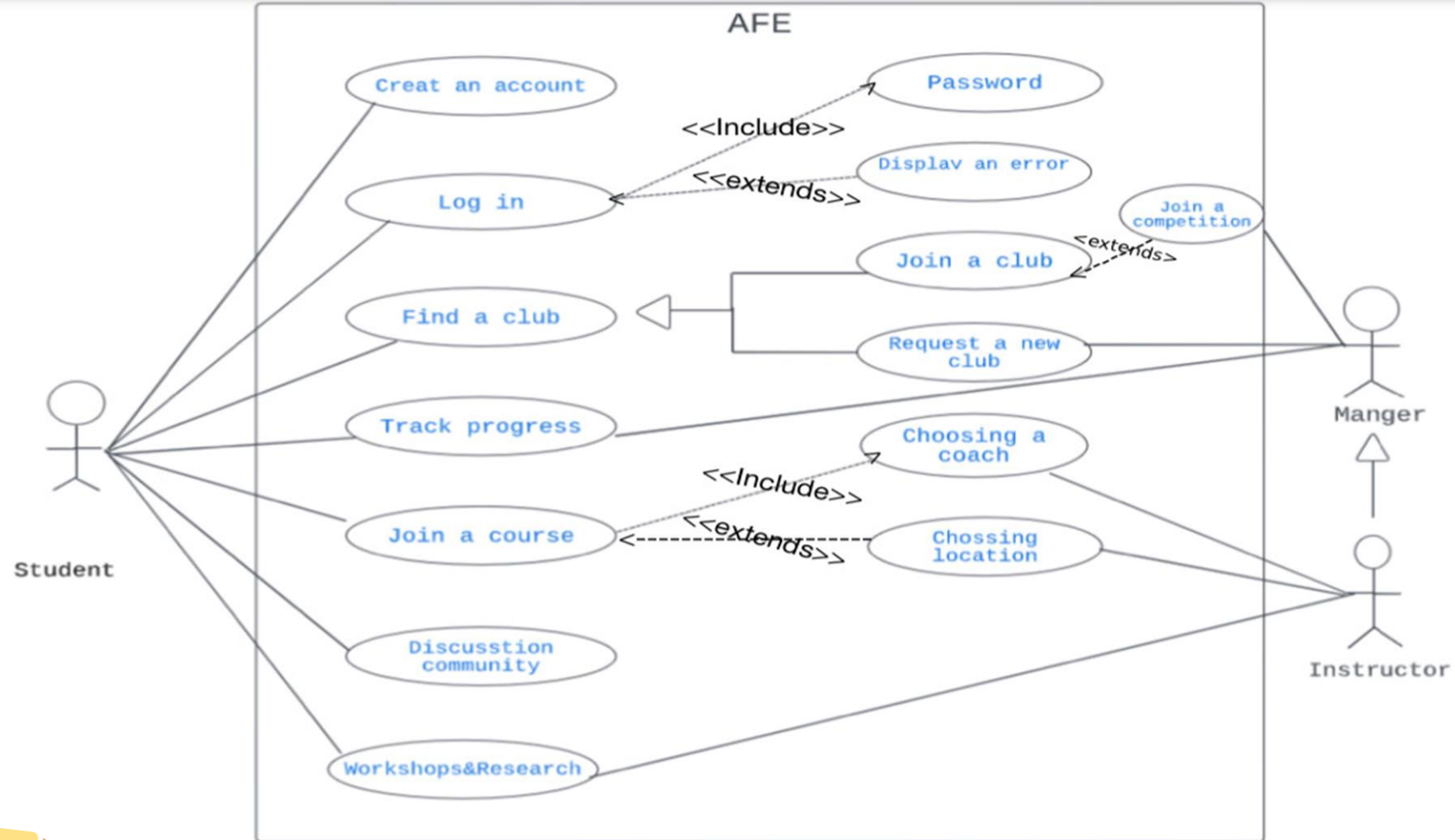
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# USE CASE MODELING



## UC1: Create an account

Scope : Student , manager , instructor

Level: Primitive

Primary actor: Student , manager , instructor

Precondition: must be in school

Stakeholders and interests:

Student,Manager,Instructor

### Scenario of UC1:

1- Students and managers and instructor must create an account with their personal information so they can have access to the system

## UC2: Log in



Scope : Student , Manager , Instructor

Level: Primitive

Primary actor: Student, Manager , Instructor

Precondition: After actors have create an account

Stakeholders and interests:

Student,Manager,Instructor

### Scenario of UC2:

1- After Students and managers and instructor create an account, they can have the ability to access to the system features

### UC3: Find a club

Scope: Student

Level: Primitive

Primary actor: Student

Precondition: Choose a club based on interest

Stakeholders and interests:  
Student, Manager

#### Scenario of UC3:

- 1- The students will need to search for a club and join one
- 2- The club must be a student choice

### UC4: Join a club

Scope: Student , Manager

Level: Primitive

Primary actor: Student

Precondition: after students find a club that they are interested in

Stakeholders and interests:  
Student, Manager

#### Scenario of UC4:

- 1- After Students search for clubs, they join to the club that they are interested in and choose it individually.



## UC5: Join a competition

Scope: Student, Manager

Level: optional, a student who joined to a club can have the ability to join a competition

Primary actor: Student

Precondition: a student must join a club

Stakeholders and interests:

Student, Manager

### Scenario of UC5:

- 1- After Students join to the club, they can have the ability to participate in a national and international competitions
- 2- A manager nominates the students that deserve to join a competition

## UC6: Join a club



Scope: Student, Manager

Level: optional, a student requests a new club

Primary actor: Student

Precondition: a student must have an account

Stakeholders and interests:

Student, Manager

### Scenario of UC6:

- 1- After Students log in, they search for a specific club
- 2- If club is not found student can have the ability to request constructing a new club
- 3- A manager checks the student request and approve or disapprove constructing the club

## UC7: Choosing location

Scope: Student, Instructor

Level: optional, this is up to the preferences of the students.

Primary actors: Student

Precondition: Join course

Stakeholders and interests:

Student, Instructor

### Scenario of UC7:

After registering for the course, students and instructor are allowed to choose locations

## UC8: Discussion community



Scope: Student, Manager

Level: optional, a student requests a new club

Primary actor: Student

Precondition: Join a club

Stakeholders and interests:

Student, Manager

### Scenario of UC6:

Students need a free and supportive space for students to show what they want

## UC9: Workshop & Research

Scope: Student, Instructor

Level: optional, this is up to the preferences of the students.

Primary actors: Student

Precondition: Join a club

Stakeholders and interests:  
Student, Instructor

### Scenario of UC9:

After joining a club, students can participate in a research and different workshops and instructors would help them and guide them

## UC10: Join a course

Scope: Students, Instructors

Level: optional

Primary actors: Student

Precondition: Join a club

Stakeholders and interests:  
Students, Instructors

### Scenario of UC10:

Students can join a specific course and choose the coach they want to take the course from.





## UC11: Track progress

scope: student, manager

Level: primary

primary actor: manager, student

precondition: after joining a club and start courses.

stakeholders and interests:

Student, manager

### Scenario of UC11:

After joining a club, students can participate in a research and different workshops and instructors would help them and guide after the student find or join to club and starts taking courses the managers begin to track their progress.

## UC12: choosing a coach



scope: student, instructor

Level: primary

primary actor: student

precondition: when or after the student join a course.

-stakeholders and interests:

Student, instructor

### Scenario of UC12:

- 1- after student joins a course the student will be able to choose a coach
- 2- if the coach has the capability and ability to present the course the coach will accept.