

For ESG system, we may have the following

1. Add a new club
2. Add a new gymnast
3. Add a new judge
4. Add a new meet
5. Add a new competition
6. Add a new event
7. Add a new score
8. Generate the report on the performance of a gymnast in a meet.

UC01

Use case: Add a new Club

Trigger/Goal: To enter the detail of a new club

Actors: Operator

Main Flow:

1. Operator enters club's ID.
2. System validates that ID is new.
3. Operator enters club's Name.
4. System validates that Name is new.
5. Operator enter the contact person's name and phone number.
6. Operator enter the club's address and fax number.
7. System saves the details.

Extensions:

- 2a. ID is not new:
 1. System notifies Operator, and terminates the use case.
- 4a. Name is not new:
 1. System notifies Operator, and terminates the use case.

UC02

Use case: Add a new Gymnast

Trigger/Goal: To enter the detail of a new gymnast

Actors: Operator

Main Flow:

1. Operator enters the date of gymnast register.
2. System validates the date.
3. Operator enters gymnast's ID.
4. System validates that ID is new.
5. Operator enters gymnast's name, date of birth, gender and phone number.
6. System saves the details.

Extensions:

- 2a. Date is not the first day of season or the date of operate:
 1. System notifies Operator, and terminates the use case.

4a. ID is not new:

1. System notifies Operator, and terminates the use case.

UC03

Use case: Add a new Judge

Trigger/Goal: To enter the detail of a new judge

Actors: Operator

Main Flow:

1. Operator enters judge's ID.
2. System validates that ID is new.
3. Operator enters judge's name and phone number.
4. Operator enters the types of events they are qualified to judge.
5. System saves the details.

Extensions:

2a. ID is not new:

1. System notifies Operator, and terminates the use case.

UC04

Use case: Add a new Meet

Trigger/Goal: To enter the detail of a new meet

Actors: Operator

Main Flow:

1. Operator enters meet ID.
2. System validates that ID is new.
3. Operator enters meet name ,venue and date .
4. System saves the details.

Extensions:

2a. ID is not new:

1. System notifies Operator, and terminates the use case.

UC05

Use case: Add a new Competitions

Trigger/Goal: To enter the detail of a new Competitions

Actors: Operator

Main Flow:

1. Operator enters meet ID.
2. System validates that ID is existed in the system.
3. Operator enters division code.
4. System saves the details.

Extensions:

2a. ID is new:

1. System notifies Operator, and terminates the use case.

UC06

Use case: Add a new Event

Trigger/Goal: To enter the detail of a new Event

Actors: Operator

Main Flow:

1. Operator enters event type code and event type name.
2. System saves the details.

UC07

Use case: Add a new Score

Trigger/Goal: To enter the detail of a new Score.

Actors: Operator

Main Flow:

1. Operator enters gymnast's ID.
2. System validates ID .
3. Operator enters the average score.
4. System saves the details.

Extensions:

2a. ID is not new:

1. System notifies Operator, and terminates the use case.

2b. ID is not in the team:

2. System notifies Operator, and terminates the use case.

UC08

Use case: Generate the report on the performance of a gymnast in a meet.

Trigger/Goal: A report about the performance of a gymnast in a meet is need.

Actors: Operator

Main Flow:

1. Operator enters meet ID.
2. System validates that ID is not new.
3. Operator enters gymnast's ID.
4. System validates ID.
5. System retrieves and display the following information about the gymnast
 - ID
 - Name
 - Gender
 - For each event of the gymnast attend
 - event type
 - score

Extensions:

2a. ID is new:

1. System notifies Operator, and terminates the use case.

4a. ID is new:

1. System notifies Operator, and terminates the use case.

4b. ID is not attend any team of the club:

1. System notifies Operator, and terminates the use case.

5a. Gymnast do not attend any event:

1. System notifies Operator, and terminates the use case.