Certainly! Considering the scenario described earlier, here are the various use cases that can be identified within the context of managing the daily prize draw system:

### Use Case 1: User Account Management

#### Use Case ID: UC001

##### Description:

This use case involves the management of user accounts by both participants and administrators.

##### Main Success Scenario:

1. \*\*Actor:\*\* Participant / Administrator

2. \*\*Goal:\*\* Create, Edit, Delete User Accounts

3. \*\*Preconditions:\*\*

- Participant or Administrator logged into the system.

- For deletion, the account should not have any ongoing participation or winning records.

4. \*\*Postconditions:\*\*

- New account created or existing account details updated or deleted.

### Use Case 2: Daily Participation in Prize Draw

#### Use Case ID: UC002

##### Description:

This use case encompasses the process of a participant entering the daily prize draw.

##### Main Success Scenario:

1. \*\*Actor:\*\* Participant

2. \*\*Goal:\*\* Enter Daily Prize Draw

3. \*\*Preconditions:\*\*

- Participant logged into the system.

- Participant's account balance should have a minimum of 100 PKR.

4. \*\*Postconditions:\*\*

- Participant successfully enters the daily draw.

- 100 PKR deducted from participant's account.

### Use Case 3: Daily Winner Selection

#### Use Case ID: UC003

##### Description:

This use case involves the system randomly selecting a winner for the daily prize.

##### Main Success Scenario:

1. \*\*Actor:\*\* System

2. \*\*Goal:\*\* Select Daily Winner

3. \*\*Preconditions:\*\*

- Valid participant pool available.

4. \*\*Postconditions:\*\*

- Daily winner selected and announced.

- 80% of the daily collected amount (10,00,000 PKR) awarded to the winner.

### Use Case 4: Fund Allocation and Distribution

#### Use Case ID: UC004

##### Description:

This use case describes the system's process of distributing funds among winners and allocating amounts for service charges and welfare funds.

##### Main Success Scenario:

1. \*\*Actor:\*\* System

2. \*\*Goal:\*\* Distribute Prize Funds

3. \*\*Preconditions:\*\*

- Daily winner selected.

4. \*\*Postconditions:\*\*

- Service charge (5%) deducted from the prize amount.

- Remaining 15% allocated to the participant welfare fund.

- Monthly return of 1,000 PKR provided to the winner.

### Use Case 5: Transparency and Audit Logs

#### Use Case ID: UC005

##### Description:

This use case involves ensuring transparency in winner selection and fund management through audit logs and reports.

##### Main Success Scenario:

1. \*\*Actor:\*\* Administrator

2. \*\*Goal:\*\* Access Audit Logs and Reports

3. \*\*Preconditions:\*\*

- Administrator logged into the system.

4. \*\*Postconditions:\*\*

- Accessible audit logs and reports available for scrutiny.

### Use Case 6: Fraud Detection Module

#### Use Case ID: UC006

##### Description:

This use case pertains to the system's functionality of detecting potential fraud within the prize draw system using a trained machine learning model.

##### Main Success Scenario:

1. \*\*Actor:\*\* System / Participant

2. \*\*Goal:\*\* Train Fraud Detection Module

3. \*\*Preconditions:\*\*

- System ready to accept training data.

- Participant providing input for training.

4. \*\*Postconditions:\*\*

- Continuous improvement in the fraud detection model's accuracy.

- Real-time monitoring of transactions for potential fraud.