Game Fights Web App

Essential Use Cases

# Create Singles Match

**Preconditions:**

* User logged in

**Postconditions:**

* Match created

|  |  |
| --- | --- |
| User | System |
| Create new empty match |  |
| Specify whether it is a singes or team match. |  |
| Specify participants |  |
|  | Notify specify participants that match has been created |

# Add Question to Match

**Preconditions:**

* User logged in
* Match created
* User judge of match

**Postconditions:** -

|  |  |
| --- | --- |
| User | System |
| Specify match for which they want to update the details |  |
| Enter question |  |

# Add Important Date to Match

**Preconditions:**

* User logged in
* Match created

**Postconditions:** -

|  |  |
| --- | --- |
| User | System |
| Specify match for which they want to update details |  |
| Specify type of date (match date, answers deadline, etc) |  |
| Enter date and time |  |
|  | Update date for all participants |

# Assign Participants in Match to Teams

**Preconditions:**

* User logged in
* Match created

**Postconditions:**

* Participants assigned to teams

|  |  |
| --- | --- |
| User | System |
| Specify match for which they want to update the details |  |
| Specify number of teams |  |
|  | Generate specified number of empty teams |
| Specify which participants in the match are in which team. |  |

# Randomly Assign Participants in Match to Teams

**Preconditions:**

* User logged in
* Match created

**Postconditions:**

* Participants assigned to teams

|  |  |
| --- | --- |
| User | System |
| Specify match for which they want to update the details |  |
| Specify number of teams |  |
|  | Generate specified number of empty teams |
| Request teams to be randomly assigned |  |
|  | Randomly distribute participants of match into teams as even as possible. |

# Accept Match Invitation

**Preconditions:** User logged in, match created, user added as participant of match

**Postconditions:** User participating in match

|  |  |
| --- | --- |
| User | System |
|  | Notify user they have been invited to join a match |
| Accept invitation |  |
|  | Make info available to the user |
|  | Notify match creator that the user has accepted their invitation |

# Decline Match Invitation

**Preconditions:** User logged in, match created, user added as participant of match  
**Postconditions:** User no longer participant of match

|  |  |
| --- | --- |
| User | System |
|  | Notify user they have been invited to join a match |
| Decline invitation |  |
|  | Notify match creator that the user has declined their invitation |

# Submit Answer to Question

**Preconditions:** User logged in, match created, user added as participant of match, answer submission has opened  
**Postconditions:** User no longer participant of match

|  |  |
| --- | --- |
| User | System |
|  | Notify user they have been invited to join a match |
| Decline invitation |  |
|  | Notify match creator that the user has declined their invitation |