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
* User judge of match

**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
* User judge of match

**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 in Singles Match

**Preconditions:**

* User logged in
* Match created
* Match is singles match
* User added as participant of match
* Answer submission has opened

**Postconditions:**

* User no longer participant of match
* There are answers to questions pending review

|  |  |
| --- | --- |
| User | System |
| Specify the match they wish update |  |
| Specify the question they with to submit an answer for |  |
| Specify answer |  |
|  | Notify match creator of answer |

# Submit Answer to Question in Team Match

**Preconditions:**

* User logged in
* Match created
* Match is singles match
* User added as participant of match
* Answer submission has opened

**Postconditions:**

* User no longer participant of match
* There are answers to questions team member validation

|  |  |
| --- | --- |
| User | System |
| Specify the match they wish update |  |
| Specify the question they with to submit an answer for |  |
| Specify answer |  |
|  | Notify participants other team members of answer |

# Accept Answer to Question

**Preconditions:**

* User logged in
* Match created
* User is judge of match
* Answer submission has opened
* There are answers to questions pending review

**Postconditions: ­­**-

|  |  |
| --- | --- |
| User | System |
|  | Notify user a member of the match has submitted an answer to a question |
| Accept answer |  |
|  | Save the answer for that participant or team |
|  | Lock the participant or team from submitting another answer to that question |
|  | Notify member that their answer has been accepted |

# Decline Answer to Question

**Preconditions:**

* User logged in
* Match created
* User is judge of match
* Answer submission has opened
* There are answers to questions pending review

**Postconditions: ­­**-

|  |  |
| --- | --- |
| User | System |
|  | Notify user a member of the match has submitted an answer to a question |
| Decline answer and specify reason |  |
|  | Notify user that there answer has been decline and provide the given reason |

# Open Answer Submission

**Preconditions:**

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

**Postconditions: ­**

* Answer submission has opened

|  |  |
| --- | --- |
| User | System |
| Specify desired match |  |
| Request that answer submission be opened for specified match |  |
|  | Make answer submission open for participants in match |

# Close Answer Submission

**Preconditions:**

* User logged in
* Match created
* User judge of match
* Answer submission has opened

**Postconditions: ­**

* Answer submission has opened

|  |  |
| --- | --- |
| User | System |
| Specify desired match |  |
| Request that answer submission be closed for specified match |  |
|  | Close answer submission for participants in match |

# Enter Match Results

**Preconditions:**

* User logged in
* Match created
* User judge of match
* Answer submission has closed

**Postconditions: ­**

* Match has been completed

|  |  |
| --- | --- |
| User | System |
| Specify desired match |  |
| For each question in the match, specify which participant/team won that question |  |
| Confirm entries |  |
|  | Archive result |
|  | Close match |

# Submit Team Name

**Preconditions:**

* User logged in
* Match created
* User participating in match
* Participants have been assigned to teams

**Postconditions: ­**-

|  |  |
| --- | --- |
| User | System |
| Specify desired match |  |
| Specify team name |  |
|  | Save team name for user and other member of the team for the specified match |

# Validate Another Team Member’s Answer to a Question

**Preconditions:**

* User logged in
* Match created
* User participating in match
* Participants have been assigned to teams
* There are questions pending team member validation

**Postconditions: ­**-

|  |  |
| --- | --- |
| User | System |
|  | Notify user that a team member has selected an answer to a question |
| Confirm they agree with the team-member’s answer |  |

# Forfeit from Match

**Preconditions:**

* User logged in
* Match created
* User participating in match

**Postconditions: ­**-

|  |  |
| --- | --- |
| User | System |
| Specify match they want to forfeit from |  |
|  | Ask user to confirm their decision. |
| Confirm their decision. |  |
|  | Remove the user from the specified match |
|  | Notify judge that the user has forfeited |

# Cancel Match

**Preconditions:**

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

**Postconditions: ­**-

|  |  |
| --- | --- |
| User | System |
| Specify match they want to cancel |  |
|  | Ask user to confirm their decision. |
| Confirm their decision. |  |
|  | Delete the match |
|  | Notify all participants that the match has been cancelled. |