

Tournament Manager

Application Overview

The application allows tournament organizers to create tournaments, big or small, for baseball, golf, bridge, pool, ping-pong, or virtually any type of game. Tournament organizers register the event, invite teams or individual players, schedule play, and do all the other things that go into managing a tournament.

Users

User Type	Description
Tournament Organizers	<p>Tournament organizers manage tournaments. They use the system to create tournaments, manage competitors, and record match results.</p> <p>Examples:</p> <ul style="list-style-type: none">• Little league baseball league• Chess club
Tournament Competitors	<p>Tournament competitors are players or teams that compete in tournaments. They use the system to view their upcoming matches and see the results of other competitors' matches.</p>
General Public	<p>The general public may use the system to see what tournaments are coming up and view the results of past tournaments and matches.</p> <p>Examples:</p> <ul style="list-style-type: none">• Soccer parents• Local sports journalists

Minimum Viable Product

The following User Stories are the functionality required to build the “Minimum Viable Product”.

All must be completed in order for the project to be successfully completed.

Register

As a tournament organizer or competitor, I want to create a user account so that later I can create and manage tournaments.

Log In

As a tournament organizer who has created a user account, I want to “log in” to the system so that I can manage my tournament(s).

As a tournament competitor, I want to “log in” so I can see the status of my active tournaments.

Create Tournament

As a tournament organizer I want to create a tournament to help me manage my tournament event.

- User must be logged-in
- Tournaments Include
 - Name
 - Number of Competitors

Add Competitor

As a tournament organizer I want to add a competitor to a tournament so that I can schedule matches and record results

- A “competitor” can be an individual player or a team
- User must be logged-in

Invite Competitor

As a tournament organizer I want to invite an unregistered user to sign up as a competitor to a tournament so that they can see their status in the tournament.

- A “competitor” can be an individual player or a team
- User must be logged-in

Generate Bracket

As a tournament organizer, after I have added all players to a tournament, I want to create a bracket that displays all first-round matches so that I can tell players who they are going to play.

- User must be logged-in

View Bracket

As a tournament organizer or tournament competitor, I want to view the tournament bracket so that I know what matches are coming up and can see the results of previous matches.

Record Match Results

As a tournament organizer, I want to record the results of a match so that competitors can see the results and the matches for the next round can be determined.

- User must be logged-in

Schedule Round 2, 3, ..., n

As a tournament organizer, I want to be able to schedule matches in the next round of the tournament between winners of the previous round so that winning competitors keep advancing.

- User must be logged-in

Final Results

As a tournament organizer or competitor, I want the final results of the tournament to be displayed after I enter the results of the final match so that everyone knows who the winner is.

Optional Features

The following User Stories are ideas for optional features that can be added to the application after all MVP functionality is complete.

Tournament Notifications

As someone who is interested in a tournament, I want to receive notifications when a match is completed so that I can know who has lost and who has won.

Notifications can include:

- Email message
- SMS message

Match Venue

As a tournament organizer I want to assign a match to a venue so that competitors know where to play.

As a competitor I want to see where my upcoming matches will be played so that I can show up to play.

- Example of a venue could be a particular softball field or tennis court

Tournament Browsing

Anyone may browse, search, and view past, present, and future tournaments in order to view the results of past tournaments, view the progress of current tournaments, or find out about upcoming tournaments.

Seeded Bracket

As a tournament organizer that is creating a new tournament I want to be able to assign seeds to competitors so that the later round matches are more competitive.

- Example: In a tournament with 8 competitors, the 1st seed should be matched with the 8th seed, the 2nd seed with the 7th seed, etc.

Competitor Profile

As a tournament competitor I want to be able to show my tournament history so that others can see how I performed in different tournaments.

Open Tournament

As a tournament organizer, I want to be able to create an “open tournament” that allows competitors to request to play.

As a tournament competitor I want to be able to request to play in an open tournament so that I can show my skills.

Losers Bracket

As a tournament organizer, I want to be able to create a tournament that has a “Loser Bracket” so that I can manage double-elimination style tournaments.