

Konkrs

Overview

Konkrs is a Software-as-a-Service (SaaS) platform for organising and managing conker tournaments in local parks and community events. The platform enables organisers to create tournaments, manage participants, generate brackets, assign referees, and record match results, while players can register for events and view live standings. The service should be accessible through a website and mobile devices.

Users

Organisers, Referees, Players

Extra: Anonymous/spectator

Core System Requirements

- Allow organisers to create and manage conker tournaments
- Allow organisers to pay for their tournament credits through an online payment system. Each credit pays for the hosting of one tournament
- Allow organisers to configure tournament details, including player limits, date, time, and location
- Allow organisers to manually adjust tournament brackets where required
- Allow organisers to assign referees to matches
- Allow organisers to “seed” players within a tournament prior to bracket generation
- Allow organisers to view tournament history and results
- Allow referees to submit and update match results
- Allow players to register for tournaments and manage their registrations
- Allow players and spectators to view tournament brackets and live standings
- Allow players to view a list of upcoming tournaments and register for participation
- Allow the system to generate tournament brackets automatically
- Allow the system to maintain and display a live leaderboard throughout a tournament
- Allow the system to support multiple concurrent tournaments
- Selected tournament, player, and marketplace data should be routinely exported to a Data Warehouse for reporting and analytics purposes

PTO

AI Requirements

We have purchased a licence for the latest frontier AI model Conker Classifier called CC-birch, this is an upgraded version of the original CC-alder. Soon to be upgraded again to CC-chestnut.

- Allow users to upload images of conkers for classification and rating
- Allow the system to estimate conker characteristics and assign a class rating using AI services
- Allow classification to be used for tournament “seeding”

Auction house Requirements

- Allow authorised users to create, buy, sell, and auction conkers through an integrated marketplace
- Allow users to complete marketplace transactions through an online payment system
- The system will take a fee for each Conker bought/sold

Additional Context

- Launch is September 1st 2027, just in time for Conker season
- Mobile app is for iOS and Android
- Tournaments are single elimination
- Authentication should have email and SSO options
- Users data should be stored in compliance with GDPR

Note: The Product Owners may have additional requirements not listed here.