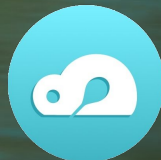


Tennis Cloud

If you don't practice you don't deserve to win.

...

A Case Study



TENNIS CLOUD



Overview

The app will be called 'Tennis Cloud' a virtual tennis experience. A modern (virtual) tennis club experience. Little background on the reality and problems of a traditional tennis club. At every tennis club there are coaches, recreational players and league players. The reality of a coach is a difficult one. Hard to find clients solely due to the fact that there is no user friendly platform that offers coaches a place to create a bio/ profile where they can write a little bit about themselves and their program. Will include a review section where clients they met on the app can leave a review of the experience with said coach.

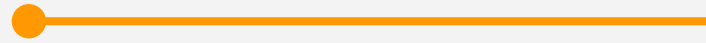
Aim Of The App

“If you don’t practice you don’t deserve to win”

The goal with Tennis Cloud is to create a virtual tennis experience providing a platform for players to find other players, connect & play.. A virtual tennis club The reality of recreational tennis is that it is difficult finding players in your area because again, there is no user friendly app working as a central hub to keep track of players and allow them to connect based on location and skill level The reality of league players. Every league needs a minimum of 8 players to register the team to play in Florida / National League. In this case most league teams have difficulty filling up their roster and in most instances a few players are forced to drive further than they would like in order to play due to lack of options.



Tennis Cloud



Key Points

Key Roles

Key Functionalities

Player

- Players can create an account with below listed details; Personal Details, Locations, Looking for Practice, Match Play, League, Coaching, Skills Level, Account Details - Email, User name, Password.
- Player and Coach will get notification if any new player can registered in the 2.5 miles.
- Players can login in the app using email/username and password. Also login via social media
- Player can edit their profile and add more details in the profile.
- Player can post the feed and also see the others posted feeds.
- Player can chat with players and coaches.
- Player can search player & coaches.

Player

- Players can create Match and invite the players and play match.
- Players can add the details about match and invite the players and play the match and also add the score in the app and find the winners of the match.
- Players can find the coach and view the profile of the coach and request for the sessions.
- There are different types of sessions; Private (One to One session), Semi - Private (Two to One session), Group Session (3+)
- Players can give the review and ratings
- Player can view the match also; My Match, Upcoming Match, Past Match.

Coach

- Coach can create an account with below listed details; Personal Details, Locations, Looking for Practice, Match Play, League, Practice, Skills Level, Account Details - Email, User name, Password.
- Coach and Player will get notification if any new player can registered in the 2.5 miles.
- Coach can login in the app using email/username and password. Also login via social media
- Coach can edit their profile and add more details in the profile and coach can add the about them self, best time for coach, certifications, Interests, match state, add programmes details, type of sessions.
- Coach has all the similar features as player and coach also accept and reject the request of the players.

Admin

- Admin can login using valid login credentials.
- Admin can manage below listed module in the tennis cloud admin panel.
- Admin can manage the CMS page contents like home page, about us, features, blog, contact us.
- Admin can view and manage the players and coaches.
- Admin can also manage the looking for type, skill levels, court management, matches, match request, coach request, match result, match stats, post feeds, review and ratings, report users.

Technology and Tools

Front-end Development

API - Laravel, Google APIs

Back-end: MySQL

UI/ UX Design: Sketch

Technology and Tools

Building Mobile App

Android: Java for Android using Android Studio

iOS: Swift for iOS using XCode

Chat: Socket Programming



Challenges & Solutions



TENNIS CLOUD

Send Notification to every players and coaches

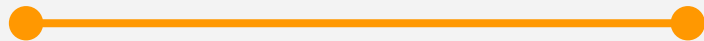
- Send Notification to every players and coaches when any player can register in the app with in the 2.5 miles that is very big challenging part in this project. We have analyst and we have seen similar type of concept in other apps and find the proper solution.
- We are define the fix radius and we can get the every user location based on that we will implement this feature successfully.

Count Match Score and Decide the Winner in app

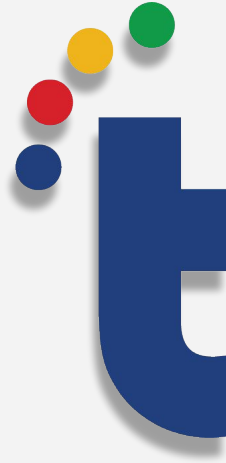
- Count the match score and decide the winner of the match that is challenging part.
- In normal life we can measure it easily but we need to automate that process in the app that is bit difficult task.
- For that we have created the live score board where any one member of the team can add the score and opposite team can accept that score and at end of the match we finalise the winner of the match based on the scores entered.



Visit Tennis Cloud Today



What We do?



Web & Mobile App Development Company | Technource

‘Technource’ is an astute and ingenious software application development company, empowering clients from 25+ countries across the globe with next-generation software applications.

With nearly a decade of experience of serving start-ups and enterprises, Technource is able to devise the right software solution. Endowed with the power of Agile, we ensure performance and customer delight. Having been successfully creating exemplary web and mobile applications, Technource team has honed the craft of creating Artificial Intelligence, Augmented Reality, IoT applications that has been steering clients to attain the next level in their business. Team Technource, with its perpetual learning culture created an ecosystem where innovation and execution is immutable reality.

We Serve

- Advertising
- Education
- Financial Services & Insurance
- Food & Beverage
- Healthcare
- Hospitality
- Management & Consulting
- Media & Entertainment
- Real Estate
- Retail & E -Commerce
- Travel



Thank You

Case study prepared by: Technource