

Overview

This innovative platform bridges the gap between aspiring tennis players worldwide and college tennis coaches in the USA, creating a streamlined and efficient recruitment process. By offering advanced features like real-time UTR ranking integration, profile matching, multilingual support, and secure in-app communication, the platform enhances opportunities for players and simplifies the search process for coaches

Problem Statement

- **Fragmented Communication:** Lack of a centralized platform to connect players and coaches effectively.
- **Limited Information Access:** Players struggle to showcase their complete profiles, achievements, and preferences, while coaches face difficulties accessing detailed information about potential recruits.
- **Outdated Rankings:** Players' rankings and performance data are often outdated, reducing accuracy and transparency in the recruitment process.

Solution

- Players can create detailed profiles with personal, academic, and athletic information, while coaches highlight team and school requirements.
- Advanced search and filter options allow users to refine their results by criteria such as SAT scores, UTR rankings, and school size.
- Real-time UTR ranking updates through API integration ensure players' rankings are always current.

Core Features

- ★ **Players and Coaches Profiles:** Players can highlight their achievements, preferences, and rankings, while coaches showcase school information, admission requirements, and team details.
- ★ **Profile Matching with Swipe Feature:** A swipe feature facilitates mutual interest and matching between players and coaches.
- ★ **UTR Ranking Integration:** UTR API integration ensures accurate, real-time updates of players' UTR rankings.
- ★ **In-App Purchase Integration:** Subscription plans with auto-renewal options provide a monetization mechanism for the platform.
- ★ **Multilingual Support:** The platform supports five LTR languages (English, Spanish, German, French, Italian) to cater to a global audience.
- ★ **Chat Integration:** Matched users can securely chat in real-time, sharing text and files for effective communication.

Challenges

- ✓ **UTR Ranking Integration:** Ensuring real-time updates of UTR rankings for players dynamically through API integration posed significant technical challenges.
- ✓ **Data Accuracy and Synchronization:** Maintaining up-to-date and accurate data across multiple profiles and search modules required robust backend systems.
- ✓ **Global Accessibility:** Supporting multilingual functionality and accommodating users across different time zones required extensive localization efforts.

Solution

- 💡 **UTR API Integration:** Leveraged advanced UTR API integration techniques to ensure seamless real-time UTR ranking updates for players, enhancing transparency and accuracy.
- 💡 **Scalable Backend Architecture:** Designed a robust and scalable backend to handle large volumes of data, ensuring fast and reliable performance for profile matching and searches.
- 💡 **Localization and UX Optimization:** Implemented multilingual support with user-friendly interfaces and culturally adapted content, ensuring accessibility for users worldwide

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