



SportBuzz Application

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Github Link:<https://github.com/AnveshNalimela/sportbuzz>

Introduction:

SportBuzz is a dynamic web application designed to cater to sports enthusiasts by providing real-time match scores and up-to-date sports news articles. This platform not only keeps users informed about their favourite sports and teams but also offers a personalized experience by allowing users to manage their preferences and profile settings.

Objectives:

1. **Real-Time Updates:** To provide users with the latest match scores and detailed information about ongoing and past matches.
2. **News and Articles:** To offer a wide range of sports-related news articles, ensuring users stay informed about developments in the sports world.
3. **User Personalization:** To enhance user experience through profile management and customization of sports and team preferences.
4. **Responsive Design:** To ensure accessibility and a seamless user experience across various devices and screen sizes.
5. **Security:** To implement secure authentication mechanisms for user sign-in and sign-up processes.

Features:

1. User Authentication:

- Secure sign-in and sign-up functionalities.
- Token-based authentication to protect user data and sessions.

2. Profile Management:

- Allows users to view and update their profile information.
- Enables users to change their password securely.

3. Preferences:

- Users can select and manage their favorite sports and teams.
- Personalized content based on user preferences.

4. Match Scores:

- Displays real-time match scores and details.
- Users can view information about specific matches through dedicated match pages.

5. News Articles:

- Provides access to the latest sports news articles.
- Users can read detailed articles on specific sports events and topics.

6. Responsive Design:

- Ensures the application is accessible and usable on desktops, tablets, and mobile devices.

7. Progressive Web App (PWA) Features:

- Offline capabilities and faster load times for an enhanced user experience.

Technologies and Libraries:

1. React and Related Libraries:

- **react**: A JavaScript library for building user interfaces.
- **react-dom**: Provides DOM-specific methods that can be used at the top level of a web app to enable an efficient way of managing DOM elements.
- **react-hook-form**: A library for handling form validation in React applications.
- **react-router-dom**: A library for handling routing in React applications.

2. UI Components and Styling:

- **@headlessui/react**: A set of completely unstyled, fully accessible UI components, designed to integrate beautifully with Tailwind CSS.
- **@heroicons/react**: A set of free, MIT-licensed high-quality SVG icons for you to use in your web projects.
- **@tailwindcss/line-clamp**: A plugin for Tailwind CSS that provides utilities for truncating text.

3. Types:

- **@types/jest**: TypeScript definitions for Jest.
- **@types/react**: TypeScript definitions for React.
- **@types/react-dom**: TypeScript definitions for React DOM.
- **@types/node**: TypeScript definitions for Node.js.
- **typescript**: A language that builds on JavaScript by adding static type definitions.

4. PostCSS and Tailwind CSS:

- **postcss-cli**: A tool for using PostCSS from the command line.
- **postcss**: A tool for transforming CSS with JavaScript plugins.
- **postcss-preset-env**: A plugin that allows you to use future CSS features today.

- **tailwindcss**: A utility-first CSS framework for rapidly building custom user interfaces.

5. PWA Support:

- **vite-plugin-pwa**: A Vite plugin for creating Progressive Web Applications (PWA).

DevDependencies

1. Build Tools:

- **vite**: A build tool that aims to provide a faster and leaner development experience for modern web projects.
- **@vitejs/plugin-react**: A Vite plugin for React.

2. Linting and Formatting:

- **eslint**: A tool for identifying and fixing problems in JavaScript code.
- **eslint-plugin-react**: An ESLint plugin for React.
- **eslint-plugin-react-hooks**: An ESLint plugin for enforcing rules of hooks in React.
- **eslint-plugin-react-refresh**: An ESLint plugin for React Refresh.

3. Autoprefixing:

- **autoprefixer**: A PostCSS plugin that parses CSS and adds vendor prefixes to CSS rules.


Technologies and Libraries:

- **React**: For building the user interface.
- **React Router**: For handling client-side routing.
- **React Hook Form**: For form management and validation.
- **Headless UI & Heroicons**: For accessible and unstyled UI components and icons.
- **Tailwind CSS**: For styling using a utility-first CSS framework.
- **Vite**: For development and build processes.
- **TypeScript**: For static typing, ensuring better code quality and maintainability.
- **ESLint**: For linting and maintaining code quality.
- **Vite Plugin PWA**: For adding PWA features.

Home Page of SportBuzz Application:

The **Home** component serves as the main page for displaying live matches and trending articles. It uses lazy loading to optimize performance by loading the **Match List** and **Articles List** components only when needed. The **Error Boundary** component is used to catch and display errors that might occur during the rendering of these components.

- The navigation bar includes the application name **SportBuzz** and provide options for user sign-in and sign-up
- The landing screen should have a section for live scores, displaying the last five latest scores available in the application.
- The trending news section should include tabs for each sport, allowing users to view news articles specific to each sport.
- The trending article view should showcase the most popular or trending articles across all sports.



Live Matches

Thunderbolts VS Dragonslayers at Harmony Stadium, Harmonia

Basketball

Thunderbolts 11

Dragonslayers 13

LIVE

Phoenix Rising VS Avalanche at Silvermoon Arena, Lunaris

Basketball

Phoenix Rising 13

Avalanche 11

LIVE

Rapid Raptors VS Shadow Assassins at Grand Arena, Metropolis

Cricket

Rapid Raptors 0

Shadow Assassins 2

Nova Knights VS Crimson Crushers at Liberty Arena, Freedonia

Cricket

Nova Knights 2

Crimson Crushers 1

Inferno Ignitors VS Stealth Strikers at Victory Park, Triumph City

Table Tennis

Inferno Ignitors 0

Stealth Strikers 1

Trending Articles

Your News

Filter

Basketball


American Football

Rugby

Field Hockey

Table Tennis

Cricket




Exciting Moments Unfold in Shadow Assassins's Recent Matches

Review of Shadow Assassins's Thrilling Performance in their Latest Match

1/8/2023

Cricket

Read more




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An Unforgettable Match: Rapid Raptors Against All Odds

Historic Victory for Rapid Raptors in a Match Filled with High-Stakes Drama

1/8/2023

Cricket

Read more



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Cricket

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Filter Layout:

The filter layout enables users to select a sport and choose a team within that sport.

The selected filters used to display news articles relevant to the chosen sport and team.

Trending Articles

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Trending Articles

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Basketball

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Basketball

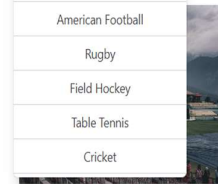
American Football

Rugby

Field Hockey

Table Tennis

Cricket




Exciting Moments Unfold in Shadow Assassins's Recent Matches

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Cricket

Read more

Sign-in and Sign-up Pages:

- The sign-in and sign-up pages should be accessible from the navigation bar icon on the landing page.
- Users should be able to register and create an account if they are new to the application.
- Existing users should be able to sign in to their accounts.

The image displays two screenshots of a web application interface, specifically the sign-up and sign-in pages. The browser's address bar shows the URL `https://sportbuz.netlify.app/signup` for the top screenshot and `https://sportbuz.netlify.app/signin` for the bottom screenshot. The top screenshot shows the 'Sign up' page with a white form on a light blue background. The form includes fields for 'Your Name:', 'Email:', and 'Password:', followed by a 'Sign up' button. Below the button, it says 'Already have an account? SignIn.' The bottom screenshot shows the 'Sign in' page with a similar white form. It includes a red error message 'Sign-in failed: Due to Invalid username or password' above the 'Email:' field, which contains the text 'admin@gmail.com'. Below the 'Password:' field, there is a 'Sign In' button. At the bottom of the form, it says 'Don't have an account? Create an account.' The browser's address bar and various icons are visible in the background of both screenshots.

Sign up

Your Name:

Email:

Password:

Sign up

Already have an account? SignIn.

Sign in

Sign-in failed: Due to Invalid username or password

Email:

admin@gmail.com

Password:

Sign In

Don't have an account? Create an account.

Detailed News Article View:

- Clicking on the *Read More* icon or text on a news article should open a pop-up or modal dialogue.
- The pop-up should display a detailed view of the news article, including an image and relevant content.

Trending Articles

Your News

Filter

Rugby

Basketball

Table Tennis



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1/8/2023

Table Tennis

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1/8/2023

Table Tennis

Read more



An Unforgettable Match: Inferno Ignitors Against All Odds

Historic Victory for Inferno Ignitors in a Match Filled with High-Stakes Drama

1/8/2023

Table Tennis

Read more



Exciting Moments Unfold in Inferno Ignitors's Recent Matches

Review of Inferno Ignitors's Thrilling Performance in their Latest Match

1/8/2023

Table Tennis

Read more

 SportBuzz



Exciting Moments Unfold in Shadow Assassins's Recent Matches

Review of Shadow Assassins's Thrilling Performance in their Latest Match

In the realm of sporting prowess, Shadow Assassins has firmly planted their flag with their latest match being nothing short of spectacular. The team's ace, renowned for their lightning-quick reflexes and intuitive understanding of the game, scored numerous points, leaving both the audience and opponents in awe. Coupled with their solid defense, Shadow Assassins's beautiful balance of offense and defense made the match a visual spectacle. Furthermore, their strategic play-calling was instrumental in gaining the upper hand at crucial moments. The match didn't just mark a victory but a comprehensive demonstration of Shadow Assassins's mastery over the sport. The atmosphere in the stadium was electric, with fans roaring in approval. It was clear that this match would be etched into the annals of the sport, a testament to the team's strength and determination.

Cricket

Date: 1/8/2023

Shadow Assassins

Go Home

Detailed Match View:

- when a user clicks on a match, they are taken to a detailed view of that match, identified by the match's ID in the URL.
- The component displays various pieces of match information such as the match name, sport name, venue, date and time, scores for each team, and additional match details.

It also includes a scorecard and a section for match information, including teams and the match story.



Thunderbolts VS Dragonslayers at Harmony Stadium, Harmonia - Live BasketballScore, Commentary

Venue: Harmony Stadium, Harmonia Date & Time: 1/6/2024, 10:31:52 pm

Scorecard

Thunderbolts10

Dragonslayers12

Match Info

Match: Thunderbolts VS Dragonslayers at Harmony Stadium, Harmonia

Starts At: 1/6/2024, 10:31:52 pm

Ends At: 2/6/2024, 12:31:52 am

Venue: Harmony Stadium, Harmonia

Teams:

*Thunderbolts

*Dragonslayers

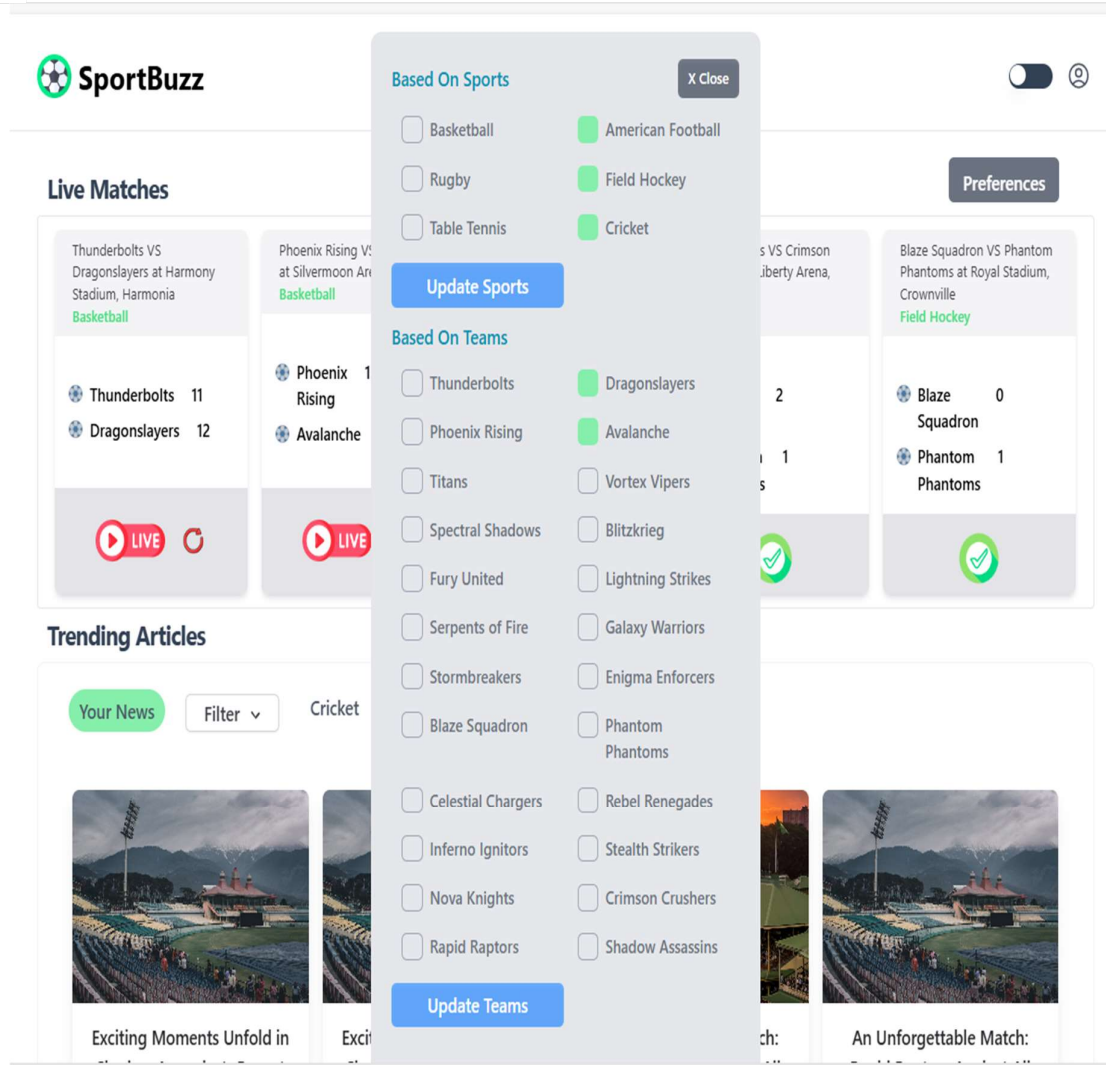
Story:

Title: Thunderbolts VS Dragonslayers at Harmony Stadium, Harmonia: Harmony Stadium, Harmonia Location: Harmony Stadium, Harmonia In an exhilarating display of skill and athleticism, two formidable basketball teams clashed at Harmony Stadium, Harmonia, captivating fans with their high-octane showdown. The game, eagerly anticipated by basketball enthusiasts worldwide, showcased the intensity and excitement of the sport. With adrenaline coursing through their veins, both teams showcased their unwavering determination to claim victory. The players exhibited exceptional teamwork, strategic plays, and individual brilliance as they vied for supremacy on the court. Throughout the game, the scoreboard swung back and forth, reflecting the thrilling back-and-forth battle between the two teams. Each basket ignited the crowd, igniting celebrations among the scoring team's fans and igniting the competitive fire in the opposing team. As the game progressed, the tempo intensified, and the stakes grew higher. Players displayed their extraordinary athleticism, pushing their limits with lightning-fast dribbles, acrobatic dunks, and precision three-pointers. The atmosphere was electric, with every possession and defensive stop amplifying the anticipation. In the closing moments of the game, with the score tied, the intensity reached its peak. Nerves were on edge as both teams fought tenaciously, seeking a decisive advantage. Spectators were on the edge of their seats, fully engrossed in the nail-biting spectacle unfolding before them. Finally, as the final buzzer sounded, the game came to a thrilling conclusion, leaving the outcome uncertain until the very end. The players, exhausted yet satisfied with their efforts, exchanged handshakes and acknowledged each other's talents, recognizing the battle they had just engaged in. The Thunderbolts VS Dragonslayers at Harmony Stadium, Harmonia at Harmony Stadium, Harmonia was a testament to the passion and artistry of basketball. It served as a reminder of the captivating nature of the sport, capable of delivering unforgettable moments and uniting fans across the globe.

Go Home

Preferences Screen:

- The preferences screen should be accessible from the landing page as a pop-up or modal dialogue.
- Users should have the ability to select the sports they want to receive news articles from.
- Users should be able to choose specific teams they are interested in and want to read articles about.



Filtering Based on User Preferences:

- When a user is logged in, the application should filter news articles based on their selected preferences.
- Only articles related to the chosen sports and teams should be displayed to the user.

Live Matches

[Preferences](#)

<p>Thunderbolts VS Dragonslayers at Harmony Stadium, Harmonia</p> <p>Basketball</p> <p>Thunderbolts 11 Dragonslayers 12</p> <p>LIVE</p>	<p>Phoenix Rising VS Avalanche at Silvermoon Arena, Lunaris</p> <p>Basketball</p> <p>Phoenix Rising 12 Avalanche 10</p> <p>LIVE</p>	<p>Rapid Raptors VS Shadow Assassins at Grand Arena, Metropolis</p> <p>Cricket</p> <p>Rapid Raptors 0 Shadow Assassins 2</p> <p>Completed</p>	<p>Nova Knights VS Crimson Crushers at Liberty Arena, Freedonia</p> <p>Cricket</p> <p>Nova Knights 2 Crimson Crushers 1</p> <p>Completed</p>	<p>Blaze Squadron VS Phantom Phantoms at Royal Stadium, Crownville</p> <p>Field Hockey</p> <p>Blaze Squadron 0 Phantom Phantoms 1</p> <p>Completed</p>
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Trending Articles

[Your News](#)
[Filter](#)
[Cricket](#)
[Field Hockey](#)
[American Football](#)


Exciting Moments Unfold in



Exciting Moments Unfold in

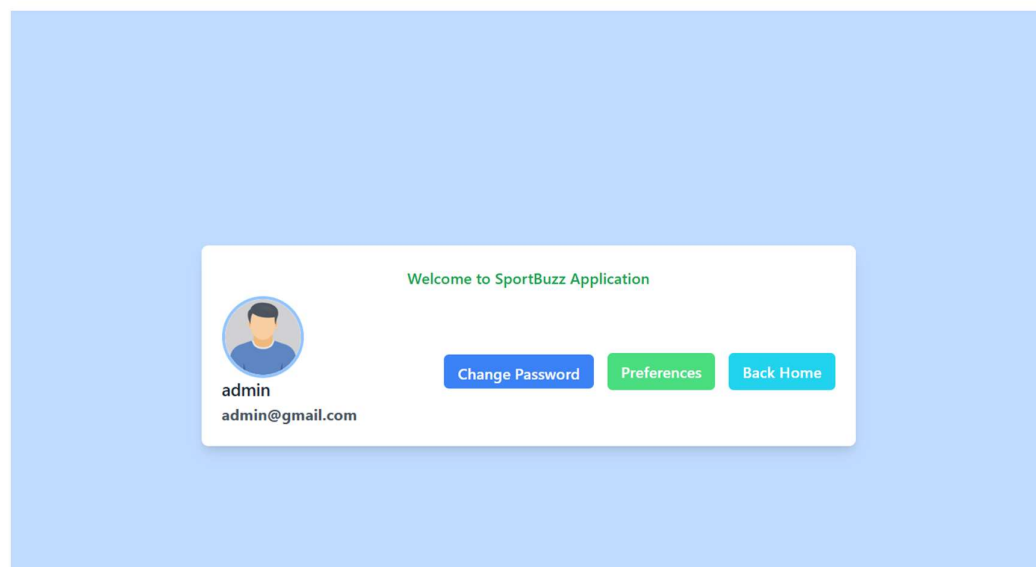


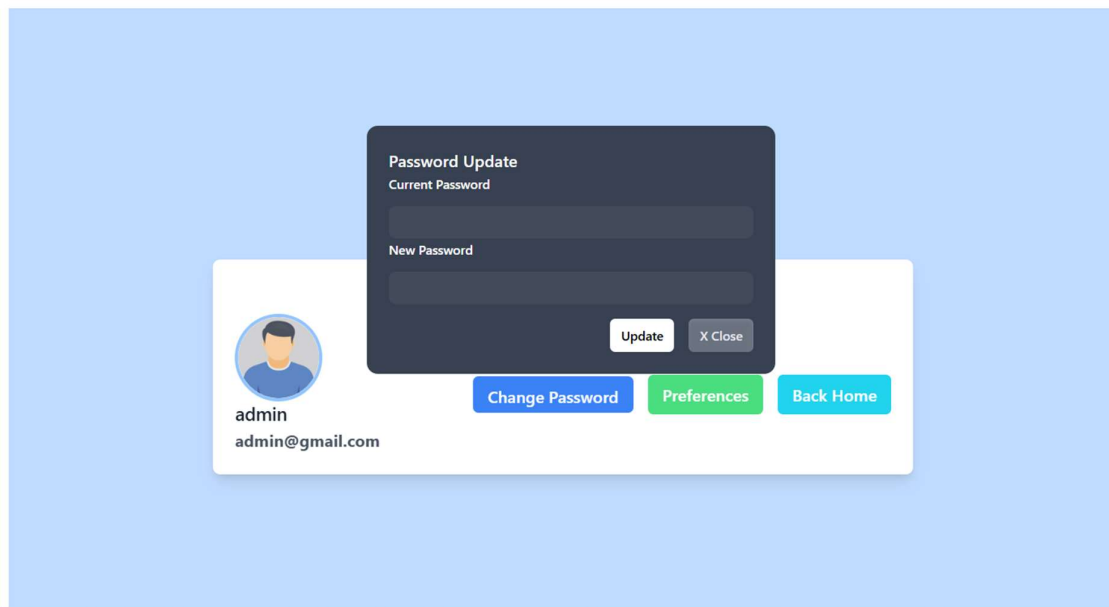
An Unforgettable Match:



An Unforgettable Match:

Password change and profile:





Dark theme:

