

Sports Analytics

Features

- **User Authentication and Management:**
 - User registration and login
 - User profiles and settings
 - Role-based access control for different user types (admin, coach, player, analyst)
- **Dashboard:**
 - Overview of key performance metrics
 - Customizable widgets to display specific data
 - Graphs, charts, and visualizations for data representation
- **Data Input and Import:**
 - Ability to manually input game statistics and data
 - Import data from external sources (CSV, Excel, APIs)
 - Integration with sports data providers for real-time updates
- **Game and Player Analysis:**
 - Breakdown of individual player performance
 - Comparative analysis of players' stats
 - Performance trends and historical data comparison
- **Team Performance Analysis:**
 - Team statistics and trends
 - Win-loss records and streak analysis
 - Advanced metrics (efficiency, pace, shot charts, etc.)
- **Opponent Analysis:**
 - In-depth analysis of opponents' strengths and weaknesses
 - Historical performance against specific teams
 - Strategies and recommendations for upcoming games
- **Video Integration:**
 - Linking game footage to specific data points
 - Video analysis tools (slow motion, annotations, telestrations)
 - Tagging and categorizing important game moments
- **Advanced Metrics:**
 - Advanced statistics (PER, TS%, +/-, etc.)
 - Player impact metrics (VORP, Win Shares, etc.)
 - Analytics-driven insights for game strategy and player development
- **Real-time Updates:**
 - Live game tracking and updates
 - Real-time statistics and visualizations
 - Notifications for critical in-game events
- **Scouting Reports:**

- Comprehensive reports on potential draft prospects
- Player scouting evaluations and projections
- Combine and workout performance analysis
- **Injury Tracking:**
 - Monitoring and tracking player injuries
 - Historical injury data and recovery timelines
 - Integration with medical staff for informed decisions
- **Custom Reports and Export:**
 - Ability to generate custom reports based on user-defined parameters
 - Exporting data and reports in various formats (PDF, Excel, CSV)
- **Mobile Compatibility:**
 - Responsive design for access on smartphones and tablets
 - Mobile app for on-the-go access and alerts
- **Collaboration and Sharing:**
 - Shareable dashboards and reports with team members
 - Collaboration tools for coaches, analysts, and players
- **Machine Learning and AI:**
 - Predictive analytics for game outcomes and player performance
 - Pattern recognition for identifying strategic opportunities
 - Data-driven recommendations for lineup changes and game plans
- **Data Privacy and Security:**
 - Encryption of sensitive data
 - Compliance with data protection regulations
 - Access controls to ensure data integrity and privacy

Remember, the specific features you choose to include in your Sports Analytics web application should be tailored to the needs of your target users and the sports you're focusing on.

UI

Navigation Bar Content:

- Application Logo
- Home Link
- User Profile Dropdown
 - User Profile
 - Logout

Side Navigation:

- Dashboard
- Analysis (Dropdown)
 - Player Analysis
 - Team Analysis
 - Opponent Analysis
- Videos

- Scouting Reports
- Injury Tracking
- Reports (Dropdown)
 - Scouting Reports
 - Custom Reports
 - Machine Learning
- Data Privacy

Dropdown Menus:

Analysis:

- Player Analysis
- Team Analysis
- Opponent Analysis

Reports:

- Scouting Reports
- Custom Reports
- Machine Learning

This structure helps organize the content for easy access while keeping the navigation and user interface clean and intuitive.