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**INT-219**

**FRONT END WEB DEVELOPER**

**Topic: School Website**

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**Report for NFC Private Limited Website**

**1. Introduction**

**1.1 Purpose**

This document serves to outline the essential requirements for the development of the NFC Football Club website, aiming to provide a comprehensive online platform for club-related information, activities, news, and educational initiatives.

**1.2 Scope**

The NFC Football Club website will function as the primary digital interface for users seeking information about the club, including its events, news updates, educational programs, and online engagement opportunities.

**1.3 Definitions, Acronyms, and Abbreviations**

* NFC: Nations Football Club and Education
* SRS: Software Requirements Specification

**2. Overall Description**

**2.1 Product Perspective**

The website will represent the central hub for users to interact with NFC Football Club digitally, offering diverse sections such as news updates, educational content, social media integration, and member-exclusive features.

**2.2 Product Features**

1. **Responsive Navigation Bar**: An adaptive navigation system facilitating seamless movement across website sections.
2. **Interactive Footer**: A dynamic footer section housing essential links, contact details, and social media integrations.
3. **Social Media Integration**: Incorporation of NFC's social media handles for enhanced user connectivity.
4. **NFC News Section**: A dedicated space to showcase the latest club news and developments.
5. **Education Hub**: A comprehensive area highlighting NFC's educational initiatives, programs, and resources.
6. **Member Login**: Secure login functionality for registered users to access exclusive content and services.
7. **Responsive Design**: Ensuring optimal website usability across various devices and screen sizes.

**2.3 User Classes and Characteristics**

* **General Users**: Individuals visiting the website for club-related information and updates.
* **Registered Users**: Members of NFC accessing additional features through the website.

**3. System Features**

**3.1 Responsive Navigation Bar**

Description:

* A user-friendly navigation bar accessible across all pages of the website.
* It adapts to different screen sizes, ensuring consistent user experience.

Requirements:

* Implementation of collapsible menu for smaller screens.
* Intuitive navigation structure for easy access to website sections.

**3.2 Interactive Footer**

Description:

* A visually appealing footer section containing essential links and contact information.
* Integration of social media icons for direct access to NFC's social media platforms.

Requirements:

* Footer design optimized for responsiveness.
* Social media icons linked to respective NFC profiles.

**3.3 Social Media Integration**

Description:

* Display of NFC's social media handles on the website interface.
* Users can directly engage with NFC through their preferred social media platforms.

Requirements:

* Integration with social media APIs for real-time updates.
* Prominent display of social media icons for user convenience.

**3.4 NFC News Section**

Description:

* Centralized area for publishing and accessing NFC-related news articles.
* News content presented in a chronological format for easy browsing.

Requirements:

* Backend system for content management, enabling addition, modification, and removal of news articles.
* Filtering options for users to explore news articles by category or date.

**3.5 Education Hub**

Description:

* Information repository showcasing NFC's educational initiatives and programs.
* Provision of detailed insights into NFC's educational offerings and opportunities.

Requirements:

* Structured presentation of educational content for clarity and accessibility.
* Integration of external links or resources for further exploration.

**3.6 Member Login**

Description:

* Secure authentication system allowing registered users to access exclusive website features.

Requirements:

* Implementation of robust user authentication mechanisms.
* Password recovery functionality for user convenience.

**3.7 Responsive Design**

Description:

* Development of a website layout optimized for seamless viewing on diverse devices.

Requirements:

* Application of responsive design principles using CSS media queries.
* Thorough testing across various devices to ensure consistent performance.

**4. External Interface Requirements**

**4.1 User Interfaces**

* Intuitive user interface design facilitating easy navigation and interaction.
* Consistent visual elements ensuring cohesive user experience.

**4.2 Hardware Interfaces**

* Compatibility with standard web browsing devices, including desktops, laptops, tablets, and smartphones.

**4.3 Software Interfaces**

* Utilization of standard web development technologies, including HTML, CSS, JavaScript, and potential backend frameworks for dynamic functionality.

**5. Other Nonfunctional Requirements**

**5.1 Performance Requirements**

* Optimal website loading times to enhance user experience.
* Scalability to accommodate simultaneous user interactions without performance degradation.

**5.2 Security Requirements**

* Implementation of stringent security measures to safeguard user data and privacy.
* Utilization of HTTPS encryption for secure data transmission.

**6. Appendix**

**6.1 Glossary**

* NFC: Nations Football Club and Education
* SRS: Software Requirements Specification