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Website for a Cricket academy

Software Requirements Specification

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1. Introduction

This Software Requirements Specification (SRS) document unveils the blueprint for a Cricket Tuition Academy's website, a digital gateway designed to bridge the gap between aspiring cricketers and a world-class offline training institution. It serves as a virtual window into the academy, providing an avenue to explore facilities, gain insights, and make inquiries conveniently. This website developed using a stack of HTML, CSS, Bootstrap, Angular, JavaScript, JSON, and JQuery technologies, aims to provide a simple and accessible Online platform for users to gather information about the academy and make inquiries.

1.1 Purpose

The primary purpose of this document is to define the scope and features of this web project, highlighting the use of key technologies. This website acts as an interface to access vital information about the cricket tuition academy, showcasing its facilities and offering an effortless means for visitors to make inquiries. It is designed to serve as a basic online presence for the cricket tuition academy. It allows visitors to access key information, such as contact details and facilities, and make inquiries via a simple interface.

1.2 Scope

This SRS document covers the website's planning, design, development, testing, and deployment. It aims to create a straightforward website that complements the academy's offline presence, offering visitors a convenient way to learn about its services. A visitor to the website could see every feature of the cricket academy, their timings, their fees, their facilities, their achievements, their other branches in the city, they can contact them, they can submit forms so the club could reach them back and could provide information. So, eventually from this website a person can get every wanted information.

1.3 Definitions, Acronyms, and Abbreviations

1. HTML (Hypertext Markup Language): HTML is the standard markup language for creating web pages. It defines the structure and layout of web content.
2. CSS (Cascading Style Sheets): CSS is used for styling web pages, ensuring a consistent and visually pleasing design.
3. Bootstrap: Bootstrap is a CSS framework that simplifies responsive web design and development, offering a pre-built set of CSS classes and components.
4. JavaScript: JavaScript is a programming language used to add interactivity and functionality to web pages.

1.4 References

Layout: - <https://Youtube.cpm>

Bootstrap: - <https://getbootstrap.com/>

1.5 Overview

The following sections of this SRS document provide an in-depth look at the requirements for the Cricket Tuition Academy website, developed using HTML, CSS, Bootstrap, GSAP, JavaScript. This minor front-end project is designed to create a straightforward and informative online platform for users to access key information about the cricket tuition academy and make inquiries.

System Overview will delve into the project's context, including its product perspective, user classes and characteristics, operating environment, design, and implementation constraints, as well as any assumptions and dependencies that guide its development.

User Interface (UI) Design discusses the visual elements, navigation, color scheme, and typography considerations that contribute to an attractive and user-friendly design.

Data Requirements covers data entities, storage, and retrieval, ensuring that data is effectively managed and displayed on the website.

Testing Requirements details the testing phases, including functional testing, usability testing, security testing, and performance testing, to guarantee a robust and reliable user experience.

Implementation Plan outlines the technology stack, development tools, development phases, milestones, and deployment process for the project.

The Project Timeline is presented in the form of a Gantt chart, allowing stakeholders to visualize the project's timeline and milestones.

Maintenance and Support discusses post-launch activities, such as bug reporting, feature requests, and documentation updates, to ensure the website's continued effectiveness.

2. General Description

This is a general website glorifying cricket club of the city, by this website one can get to know how to contact them, what functionalities they provide, what are their achievements, where are they situated, how their coaching works, what are their charges and what other things they provide.

2.1 Product Perspective

This subsection contextualizes the website within its larger context. It describes how the website relates to other products or projects, helping stakeholders understand its place in the digital landscape.

2.2 Product Functions

This website having multiple functions like album, catalogue, achievements sections, catchy animations, reactive in nature, responsive and many other.

2.3 General Constraints

This website was only developed to showcase the achievements and features of this cricket academy. So, it is limited to the capability asked by the owner of the academy.

2.4 Assumptions and Dependencies

Assumptions:

1. Content Availability: The cricket academy will provide all necessary text and media content for the website.
2. Internet Connectivity: Users are assumed to have stable internet access.
3. Browser Compatibility: Modern web browsers supporting standard technologies are expected.
4. Hosting and Server Resources: Hosting resources will meet basic web hosting requirements.
5. Legal Compliance: The academy is responsible for content compliance with legal and copyright regulations.

Dependencies:

1. Third-Party Services: The website may rely on third-party services, and its functionality depends on their availability.
2. Timely Content Submission: Project timelines depend on the academy's timely content submission.
3. Responsive Design Frameworks: Responsive design relies on frameworks like Bootstrap.
4. Web Development Technologies: The website depends on HTML, CSS, JavaScript, and Angular.
5. Server and Hosting Configuration: Hosting configuration affects website availability and performance.

3. Specific Requirements

This section outlines the detailed functional and non-functional requirements that guide the design, implementation, and testing of the Cricket Club website. Each requirement has been carefully defined to meet the project's objectives and ensure the website's successful development.

3.1 External Interface Requirements

3.1.1 User Interfaces

The user interfaces define how users interact with the website. This includes the layout, design, and features that users will interact with on the front-end of the website.

1. Home Page: The home page should provide a welcoming introduction to the academy, displaying key information about the academy's offerings, achievements, and contact details.
2. Navigation Menu: The website should feature a clear and user-friendly navigation menu that allows users to access different sections of the website easily.
3. Contact Form: A contact form should be provided to allow users to submit inquiries or messages to the academy. The form should include fields for name, email address, subject, and message.
4. Facilities: Provide a section that details the academy's facilities, including training grounds, equipment, and amenities.
5. Coaching Information: Offer information about the coaching staff, their qualifications, and coaching programs offered by the academy.

3.1.2 Hardware Interfaces

The website interacts with the user's hardware devices to deliver a seamless user experience. No specific hardware interfaces are required for this web application.

3.1.3 Software Interfaces

The website may interact with external software components or services. This includes any third-party services, APIs, or integrations that the website relies on for its functionality. Define these interfaces if applicable.

3.1.4 Communications Interfaces

The website communicates with users through various channels, including internet protocols and email for inquiry submissions. It should support standard communication protocols to ensure seamless communication with users.

3.2 Functional Requirements

3.2.1 Functional Requirement or Feature #1

The provided HTML code is the structure of the website, and it sets the foundation for the functional requirements of your cricket tuition academy website. Based on the HTML structure.

It's important to provide more specific details for each functional requirement, including any interactions, data handling, and specific features you intend to implement. Additionally, consider the user experience and how users will interact with each feature on the website.

3.2.2 Functional Requirement or Feature

Responsive Design: Ensure that the website is responsive, meaning it should adapt to various screen sizes (desktops, tablets, and smartphones). Test and validate that all content and features are accessible and usable on different devices.

Logo and Title: The website must display the academy's logo and title prominently in the header section.

Navigation: The navigation menu should allow users to access different sections.

Video: The video element should play automatically, loop, and be muted. Specify the content of the video and its role on the website.

Page Sections: Define the content and purpose of each page section, such as "page1," "page2," "page3," and "page4." Ensure that the content accurately represents the academy and its services.

About Us: The "about-us" section contains images and text. Clarify the content, images, and information to be displayed in the "About Us" section.

Cards: Describe the content and purpose of the cards, such as "Experienced Tutors," "Be Competitive," and "Play Cricket." provide more information.

Footer: Define the content and links in the footer, including contact information and navigation links.

3.3 Non-Functional Requirement

3.3.1 Performance

Response Time: The website should load quickly, with a maximum acceptable response time for page rendering.

Scalability: The website should be able to handle a reasonable increase in traffic without significant performance degradation.

Resource Usage: The website should be optimized to use server resources efficiently.

3.3.2 Reliability

User-Friendly Interface: The website should have an intuitive and easy-to-navigate design, ensuring a positive user experience.

Accessibility: The website should be accessible to individuals with disabilities, following WCAG guidelines.

3.3.3 Availability

Usability Testing: Conduct usability testing to validate the user experience.

Browser Compatibility: The website should function correctly on major web browsers.

3.3.4 Maintainability

Code Quality: Maintain clean and well-documented code to ease future updates and maintenance.

Copyright and Licensing: Ensure that all content, including images and text, complies with copyright and licensing regulations.

3.3.5 Portability

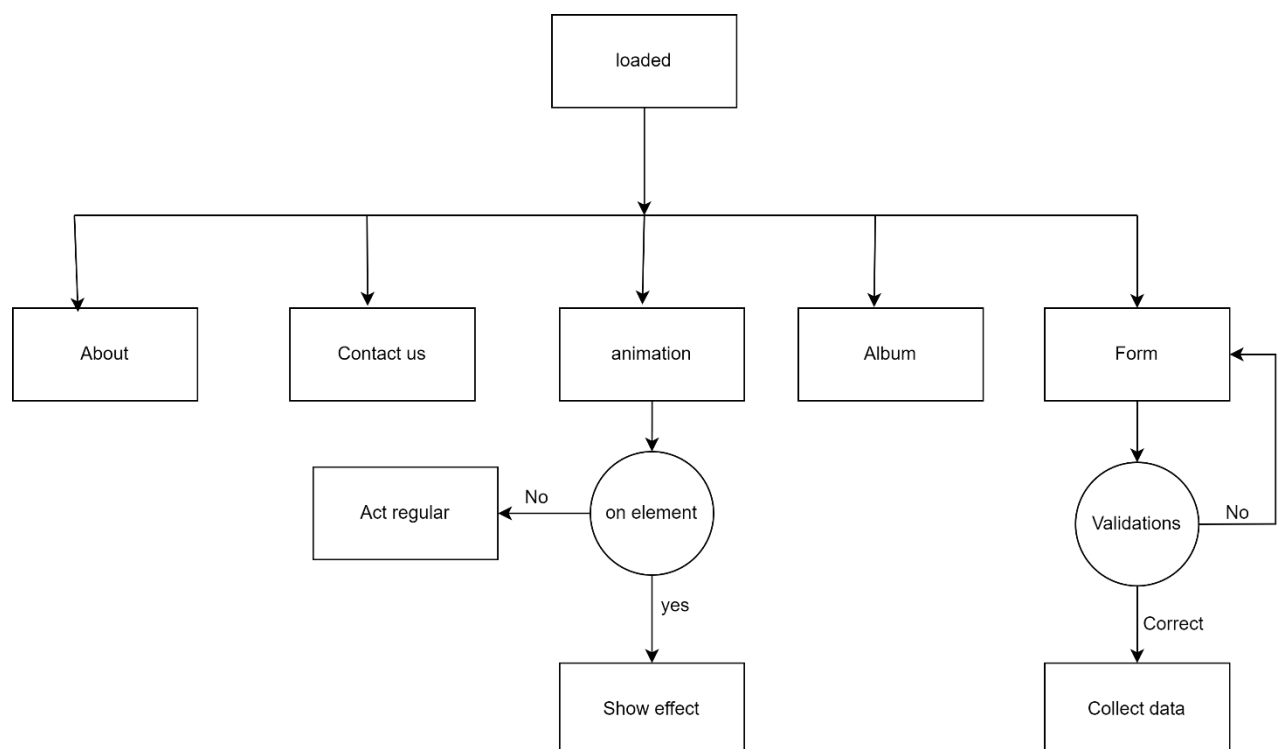
Device Compatibility: Ensure that the website is compatible with a range of devices, including desktops, tablets, and smartphones.

Browser Compatibility: The website should be compatible with major web browsers, including Chrome, Firefox, Safari and Edge.

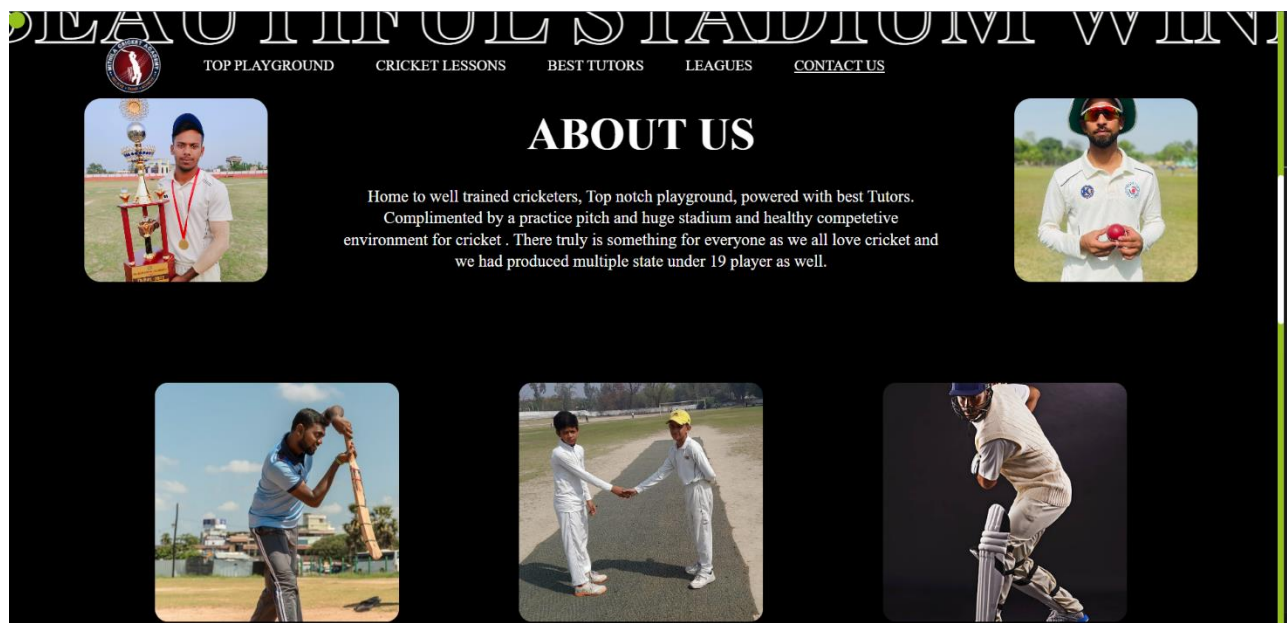
4 Analysis Models

List all analysis models used in developing specific requirements previously given in this SRS. Each model should include an introduction and a narrative description. Furthermore, each model should be traceable the SRS's requirements.

4.2 Data Flow Diagrams (DFD)



5. Images





TOP PLAYGROUND

CRICKET LESSONS

BEST TUTORS

LEAGUES

[CONTACT US](#)

WHAT ARE YOU WAITING FOR?

WINNING SPIRIT

CRICKET LESSONS

BEAUTIFUL STADIUM



BEAUTIFUL STADIUM
CRICKET LESSONS
RELAXED ENVIRONMENT

CRICKET COACHING
LEAGUES
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