# Project Proposal

# Introduction:

We are thrilled to present an online platform dedicated to selling customized soccer T-shirts. Our user-friendly website provides soccer enthusiasts with a seamless shopping experience. Customers can easily explore our extensive menu of soccer-themed T-shirts and personalize their selections with colors, logos, and custom text. With a simple checkout process, customers can review the total price and place their orders. Additionally, our website offers basic inventory management features for efficient stock tracking. Our goal is to create an engaging platform that celebrates the passion for soccer through personalized apparel.

Our project focuses on delivering a visually appealing interface using HTML, CSS, and basic JavaScript. By prioritizing simplicity and user experience, we aim to create a convenient and enjoyable shopping destination for soccer enthusiasts. Through our online platform, we provide a wide range of customized soccer T-shirts, ensuring customers can showcase their team spirit with style.

# Web Application Features and Functionality:

## User Registration and Authentication:

* Secure user registration and login using JavaScript (Node.js) for server-side programming.
* Storage of basic user information in a MySQL database.

## Product Catalog:

* HTML and CSS for creating an appealing front-end user experience.
* Displaying a categorized catalog of soccer T-shirts with structured data from the MySQL database.

## Product Customization:

* JavaScript for client-side interactivity, allowing users to customize T-shirts by selecting colors, adding logos, and custom text.

## Shopping Cart and Checkout:

* JavaScript and Ajax for client-side interactions, enabling users to add items to the cart and dynamically update the total price.
* Checkout functionality to display the total price and create an order.

## Inventory Management:

* MySQL database for storing inventory data, including available quantities of T-shirts.
* Basic inventory management features for adding new items, updating quantities, and tracking stock levels.

## Front-End Styling:

* HTML and CSS for creating an attractive and user-friendly front-end interface.

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## Search Functionality (optional):

* JavaScript and Ajax for implementing a search feature to allow users to find specific products.

# Technologies:

* **JavaScript (Node.js):** Server-side programming language for handling server logic and creating dynamic web applications.
* **MySQL:** Relational database management system used for storing structured data.
* **HTML:** Markup language for structuring the content of web pages.
* **CSS:** Style sheet language used for enhancing the visual appearance and layout of web pages.
* **JavaScript (Ajax):** JavaScript technology used for creating asynchronous web interactions, such as real-time updates and dynamic content loading.