



# **JUICE HUB**

## **Software Requirements Specification**

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## **1. Introduction**

### **1.1 Purpose**

- The purpose of this SRS report is to define the software requirements for the development and maintenance of the Juice Hub Website. The website aims to offer a seamless online platform for Juice Hub, a renowned juice bar, to extend its reach, enhance customer engagement, and provide a convenient online ordering system.

### **1.2 Scope**

- The scope of this project includes the creation of a user-friendly website for Juice Hub. The website will enable customers to explore the menu. Administrators will have access to manage website content, including menu updates and user accounts.

### **1.3 Definitions, Acronyms, and Abbreviations**

- SRS: Software Requirement Specification
- UI: User Interface
- API: Application Programming Interface
- DFD: Data Flow Diagram

### **1.4 Overview**

- Juice Hub is a well-established juice bar with a strong physical presence. To enhance customer interaction and streamline operations, Juice Hub has embarked on the development of a comprehensive website. This website is expected to be a pivotal extension of Juice Hub's services, making it more accessible and engaging for customers.

## **2. General Description**

### **2.1 Product Perspective**

- The Juice Hub Website is a standalone system that complements Juice Hub's physical locations. It does not directly integrate with other systems but may involve third-party.

### **2.2 Product Functions**

- The website will provide several key functions, including :
- Menu exploration and selection
- User registration and authentication
- Administrative tools for managing website content

### **2.3 User Characteristics**

- Customers: The primary target audience who can create accounts, see menu and explore the menu.
- Administrators: Responsible for managing website content, including menu updates and user accounts.
- Guests: Can view the menu and website content without the need for account registration, but with limited access.

### **2.4 General Constraints**

- Time Constraint: The website needs to be developed and launched within a specific timeframe.
- Budget Constraint: Development costs should be kept within budget limitations.

## **2.5 Assumptions and Dependencies**

- The project assumes that Juice Hub will provide necessary content and support for website development. It depends on third-party payment processing services for transactions.

## **3. Specific Requirements**

### **3.1 External Interface Requirements**

#### **3.1.1 User Interfaces**

- User Dashboard: User-friendly interfaces for customers to explore the menu, place orders, and view order history.
- Admin Panel: A secure interface for administrators to manage website content and user accounts.

#### **3.1.2 Hardware Interfaces**

- No specific hardware interfaces are required.

#### **3.1.4 Communications Interfaces**

- Standard HTTP/HTTPS protocols for communication with the webserver and external APIs.

## **3.2 Functional Requirements**

### **3.2.1 User Registration and Authentication**

- Users can register and create accounts.
- Users must authenticate themselves to access certain functionalities.

### **3.2.2 Menu Exploration and Selection**

- Users can browse the menu.
- Users can select items for ordering.

## **3.3 Non-Functional Requirements**

### **3.3.1 Performance**

- The website should provide fast response times for menu exploration and order placement.
- The system should handle a high volume of concurrent users.

### **3.3.2 Reliability**

- The system should be reliable, minimizing downtime and errors.

### **3.3.3 Availability**

- The website should be available 24/7 with minimal scheduled maintenance.
- Security
- User data, including personal information should be securely stored and transmitted.
- Access controls should be implemented to protect administrator accounts.

### **3.3.4 Maintainability**

- The system should be designed for easy maintenance and updates.

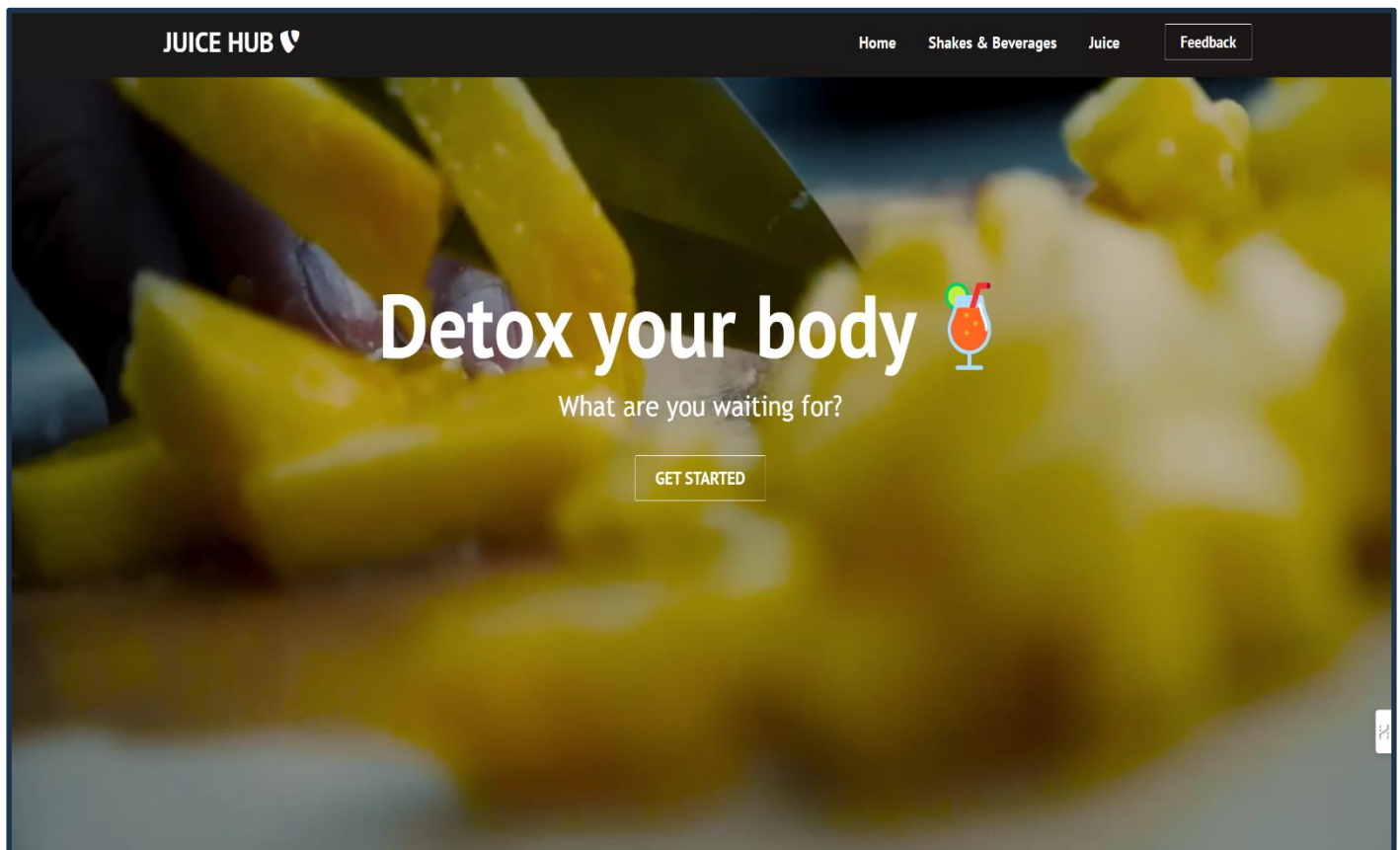
### 3.3.5 Portability

- The website should be accessible on various devices and browsers.

## 3.4 Design Constraints

- The website design should align with Juice Hub's brand guidelines, including color schemes and logo usage.

**SCREENSHOTS :** <https://github.com/srisomanjali18/juice>



## Check out the Epic Menu We have!



Smoothies

Life is too short not to indulge in a refreshing smoothie.



Milk Shakes

Sip, Sip, hooray! Milkshake magic in every gulp.



Fruit Juice



Protein Shakes

## MILK SHAKES



Mango Shake

150

Fresh mango shake from the farm



Sapota Shake

150

Fresh sapota shake from the farm



blueberry Shake

150

Fresh blueberry shake from the farm



Strawberry Shake

150

Fresh strawberry shake from the farm



Chocolate Shake

180

Tasty chocolate shake straight from the cocoa beans

## SMOOTHIES



Mango Smoothie

150

Fresh mango smoothie from the farm



Sapota Smoothie

150

Fresh sapota smoothie from the farm



Strawberry Smoothie

150

Fresh strawberry smoothie from the farm



Muskmelon Smoothie

150

Fresh muskmelon smoothie from the farm



Blueberry Smoothie

150

Fresh blueberry smoothie from the farm



## JUICE



### Apple Juice

150

Fresh apple juice from the farm



### Orange Juice

150

Fresh orange juice from the farm



### Pineapple Juice

150

Fresh pineapple juice from the farm



### Wildberry Juice

150

Fresh wildberry juice from the farm



### Carrot Juice

150

Fresh carrot juice from the farm



### Grape Juice

150

Fresh grape juice from the farm



### Watermelon Juice

150

Fresh watermelon juice from the farm



### Kiwi Juice

150

Fresh kiwi juice from the farm



### Beetroot Juice

150

Fresh beetroot juice from the farm



### Muskmelon Juice

150

Fresh muskmelon juice from the farm

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