Cocktail Workshop Web Application - Specification Document

Project: Mixology Hub
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1. General Explanation

The project is a website for cocktail workshops called Mixology Hub.
It allows users to explore, book, and manage cocktail workshops.
The goal of the application is to provide an elegant and engaging experience that simplifies the process of joining workshops, learning about mixology, and discovering new drinks.

The system will include both client-side and server-side functionality.
Information entered by the user (such as booking details) will be processed on the server and returned to the client to display results such as available sessions.

2. UX Requirements

Who is the user?

The target users are adults (ages 18+) who are interested in cocktail culture - including individuals, couples, and groups looking for a unique social or educational experience. Some users may be returning customers looking to rebook a workshop.

What are the relevant user needs that the application aims to fulfill?

- To find and register for upcoming cocktail workshops quickly and easily.
- To receive all relevant details (date, time, instructor, location, cost) in one place.
- To explore and learn new cocktail recipes with step-by-step instructions.
- To contact the company directly for special events or custom workshops.

What service does the application provide to the user?

Mixology Hub provides:

- A centralized online booking system for cocktail workshops.
- A contact interface for inquiries and private event coordination.
- A cocktail recipe catalog to get some inspiration.

What is the exact process that enables this service?

1. **Data Collection (Client → Server):**

○ The user fills out a booking form.
○ The input is sent to the server.

2. **Processing (Server):**

○ For workshop bookings, the server checks available sessions, validates the request, and saves the booking details in the database.

3. **Response (Server → Client):**

○ The user receives confirmation messages or error feedback directly on the screen - without reloading the page.

4. **Result:**

○ The user sees a confirmation message ("Your seat is reserved for Saturday 19:00") matching their input.

What content and data are required to provide the service?

Data to collect from users:

● **For workshop booking:**

○ Name, email, number of participants, desired date, and special requests.

● **For contact inquiries:**

○ Name, email, and message.

Data required to provide the service:

● Workshop details (title, date, capacity, price, instructor, location).
● Cocktail recipes (ingredients, preparation steps, images, difficulty).

3. UI Specifications

1. General Overview

This website includes five main pages:

1. **Home Page (/home)** - Introduces the brand and encourages visitors to explore workshops or cocktail recipes.
2. **Workshops Page (/workshops)** - Displays upcoming cocktail workshops with booking options.
3. **Recipes Page (/recipes)** - Offers users to view cocktail recipes.
4. **Booking Page (/book)** - Enables users to book a workshop through a detailed form.
5. **Contact Page (/contact)** - Allows users to contact the company for private events or general inquiries.

The layout will be clean, elegant, and responsive - emphasizing an enjoyable and professional user experience with high-quality imagery and intuitive navigation.

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2. Home Page (/home)

Purpose - To present the brand's identity and invite users to explore workshops and recipes.

Components:

- **Header:**
  - Site logo on the left.
  - Navigation menu on the right with links to *Home*, *Workshops*, *Recipes*, *Book Now*, and *Contact*.

- **Hero Section:**
  - Background photo or looping video of cocktails being made.
  - Headlines such as *"Mix, Sip, and Master the Art of Cocktails."*
  - Two CTA buttons: "Explore Workshops" and "Find a Recipe."

- **Testimonials Section:**
  - User reviews to build trust and brand credibility.

- **Footer:**
  - Social media links, contact info, and copyright.

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3. Workshops Page (/workshops)

Purpose - To present available workshops and allow users to book a session.

Components:

- **Header:**
  - Same as the Home Page.

- **Workshops Grid:**
  - Displays cards with workshop image, title, description, date, price, and *"Book Now"* button.

- **Booking Preview:**
  - Clicking *"Book Now"* opens a modal or redirects to the Booking Page with pre-filled data.

- **Footer:**
  - Same as Home Page.

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4. Recipes Page (/recipes)

Purpose - To let users explore and discover cocktail recipes.

Components:

- **Header:**
  - Consistent with other pages.

- **Recipe Cards:**
  - Image, title, key ingredients, and a "View Recipe" button that expands or opens a modal.

- **Footer:**
  - Consistent with Home Page.

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5. Booking Page (/book)

Purpose - To allow users to book a cocktail workshop directly.

Components:

- **Header:**
  - Consistent with all pages.

- **Booking Form (Centered):**
  - Fields:
    - Full Name (required)
    - Phone Number (required)
    - Number of Participants (required)
    - Workshop Selection (dropdown)
    - Date (calendar picker)
    - Special Requests (optional)
  - Submit Button labeled "Confirm Booking."

- **Form Behavior:**
  - When submitted, data is sent to the server.
  - The server checks availability and returns confirmation or an error message.
  - A success message is displayed dynamically without reloading the page.

- **Footer:**
  - Consistent with other pages.

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6. Contact Page (/contact)

Purpose - To provide a way for users to contact the company.

Components:

- **Header:**
  - Same as other pages.

- **Contact Form (Centered):**
  - Fields:
    - Name (required)
    - Phone Number (required)
    - Subject (optional)
    - Message (required)
  - Submit Button: Sends message to the server and returns a success or error message.

- **Additional Info Section:**
  - Address, phone number, and links to social media pages.

- **Footer:**
  - Same as other pages.

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7. UI Behavior Specifications

- **Input Validation:**
  - All forms validate required fields before submission.
  - Phone Numbers fields verify format, numeric fields verify positive values, text fields verify length.

- **Error Messages:**
  - For any incorrect or missing information in the forms, an error message will be displayed near the problematic field.

- **Responsive Design:**
  - Mobile-first approach, layout adapts seamlessly to various screen sizes.

- **Animations and Interactions:**
  - Hover effects for buttons and workshop cards.
  - Smooth transitions between pages.

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8. Visual Design Notes

- **Color Scheme:**
  - Primary: #1F2D3D (navy blue)
  - Accent: #D35400 (orange)
  - Background: #F5F5F5 (light cream)

- **Typography:**

- ○ Font Family: *Poppins*, sans-serif
- ○ Font Sizes: 16px for body text, 24px for section titles, 36px for hero headlines

- **Imagery:**
  - ○ Use of high-quality cocktail photography with warm lighting.
  - ○ Consistent iconography (cocktail glasses, shakers, citrus slices).

- **Brand Feel:**
  - ○ Elegant, fun, and professional - reflecting both nightlife energy and sophistication.