Final Project Guide #1
APPDEV1 (Introduction to Application Development) November 12, 2025
Technical Document for Project Guide #12

Application Name: Fancy Cocktail Pilipinas!

Developers: Bencila, Adrian Marc C.
Cauan, Nel Angelo C.

Introduction

A. Purpose

The purpose of this document is to provide a structured technical guide outlining the development aspects of ***Fancy Cocktail Pilipinas!***. This includes the application's objectives, system scope, stakeholders, user interface specifications, and developer profiles. The document supports clarity and consistency throughout the system development life cycle.

B. Scope

The scope of this application focuses on automating the company's traditional retail and inventory systems. The automated system is designed to reduce time-consuming workloads, minimize human error, increase production efficiency, and streamline the overall transaction process. By integrating modern technologies into the company's workflow, the application aims to support faster and more accurate business operations.

Stakeholder/Group Profile

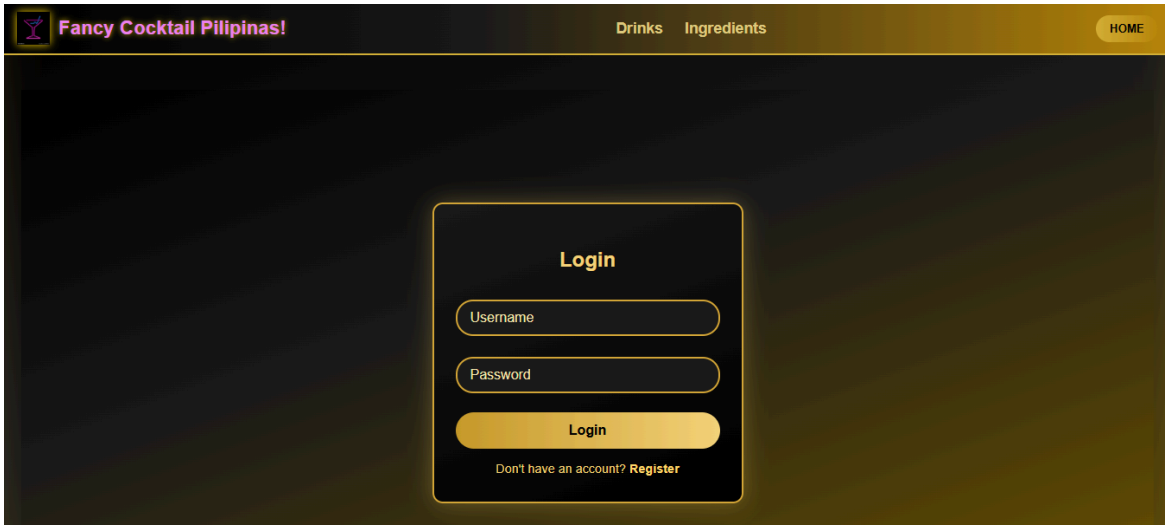
Representative (Group Members)	Bencila, Adrian Marc C.
Description	**Lead Developer / UI Designer**
Type	**Internal Stakeholder**

Responsibilities	**Designs user interface, develops front-end components, creates documentation, and ensures usability.**

Representative (Group Members)	Cauan, Nel Angelo C. Bencila, Adrian Marc C.
Description	**Back-End Developer / Database Manager**
Type	**Internal Stakeholder**
Responsibilities	**Develops system logic, manages database, integrates back-end features, and handles system testing.**

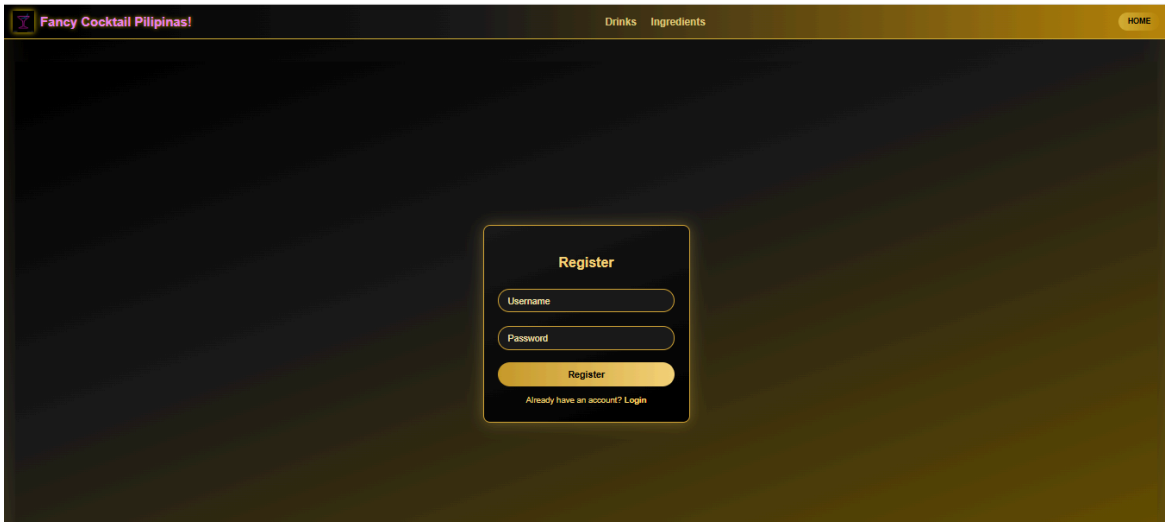
User Interfaces

UI Name:	**LOGIN PAGE**



Purpose	The login UI is designed to authenticate users safely, ensuring that only authorized individuals can access the system's personalized data and functionalities while maintaining a smooth and intuitive user experience.
Navigation and user interaction	This UI provide clear navigation and user interaction by allowing users to enter a valid username and password to access their account, submit their credentials using the **Login** button, and navigate to the registration page through the **"Don't have an account? Register"** option.

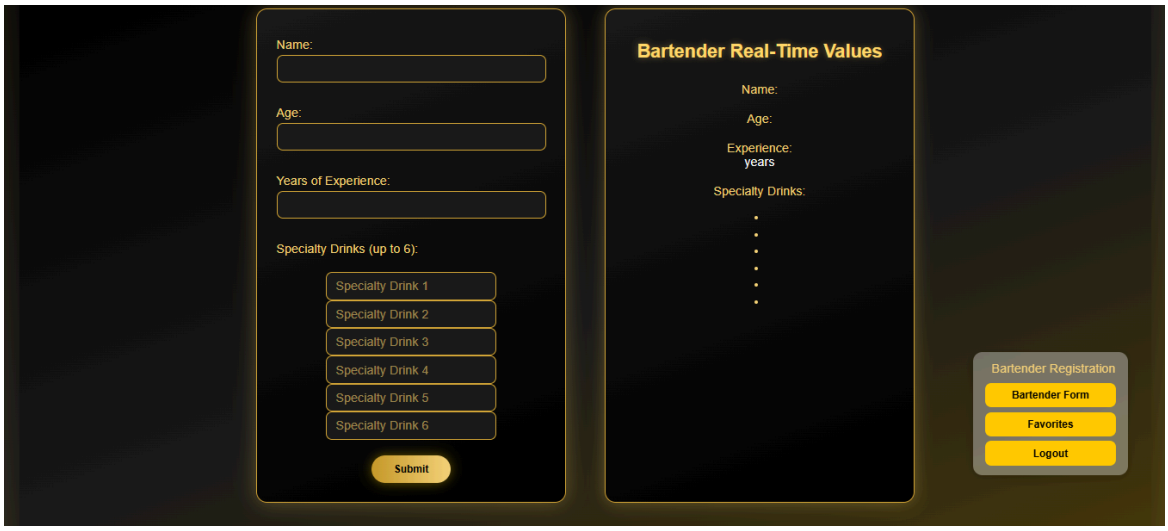
UI Name:	**REGISTRATION FORM UI**



Purpose	The purpose of the registration UI is to deliver a structured and user-friendly interface that enables new users to efficiently create an account through intuitive navigation and seamless user interaction.

Navigation and user interaction	To ensure smooth navigation and clear user interaction by providing a simple registration interface where users can enter a valid username and password, submit their details using the Register button, and switch to the login page through the "Already have an account? Login" option.

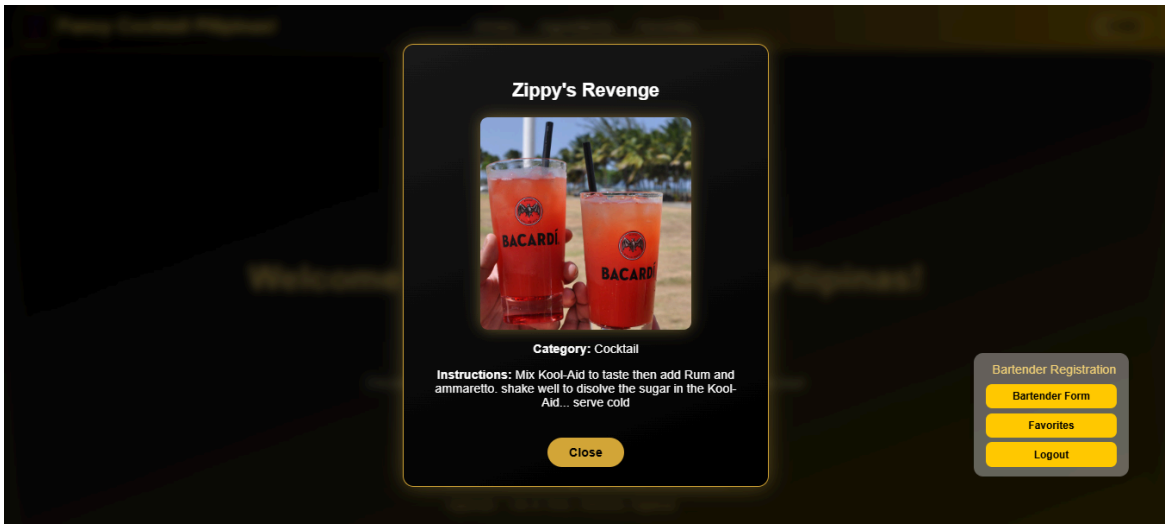
UI Name:	**Bartender Form**



Purpose	The **Bartender Registration Form** allows users (admin or bar managers) to register bartenders into the system. Its objectives are to: • Collect essential information about bartenders including name, age, experience, and specialty drinks.

	• Maintain a dynamic list of bartenders for display or management. • Allow easy updating and removal of bartender entries. • Provide real-time feedback to the user during input.
Navigation and user interaction	The Bartender Form can be accessed as follows: • **Navbar:** Users click on a “Bartenders” or “Manage Bartenders” link to open the form page. • **Landing Page or Admin Dashboard:** A button or section redirects to the bartender form.

UI Name:	Drink of the Day

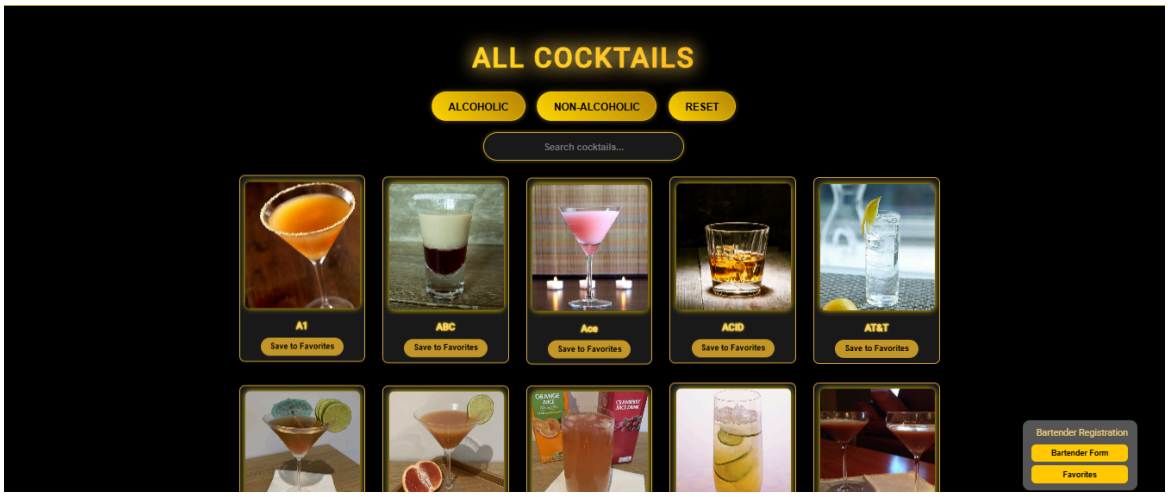


Purpose	The **Drink of the Day** feature highlights a randomly selected cocktail from the database each day. Its purpose is to: • Engage users by suggesting a new drink daily. • Promote variety and exploration of cocktails. • Serve as a featured item for marketing or recommendations. • Demonstrate dynamic content rendering based on the current date.

Navigation and user interaction	The **Drink of the Day** can be accessed in the application in the following ways: • **Home/Landing Page:** A dedicated section displays the featured drink automatically. • **Cocktail Page Navigation:** Users can click a "Drink of the Day" banner to view full details. • **Optional Notification:** The feature can be highlighted in the navbar or as a pop-up suggestion when opening the app.

User Interfaces

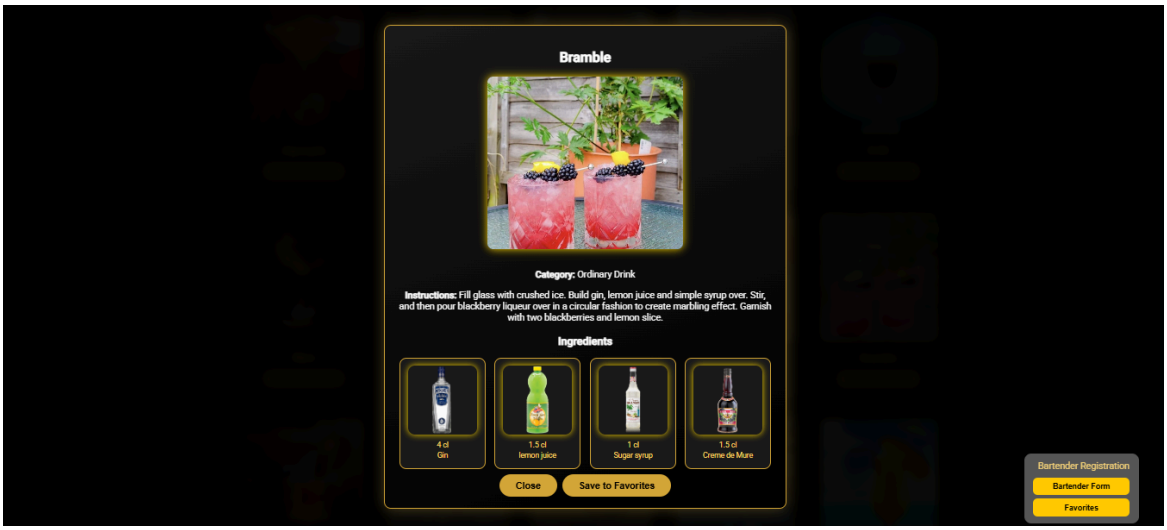
UI Name:	**Cocktails Page**



Purpose	The Cocktails tab serves as the main interface for users to explore a collection of cocktail drinks. It allows users to browse, search, filter by type (e.g., alcoholic, non-alcoholic), and view detailed information about each cocktail, including ingredients, preparation instructions, and images.
Navigation and user interaction	**Navigation & User Interaction:** • **Navigation:** ◦ Users can access the Cocktails tab directly from the main navigation bar. ◦ Within the tab, a **search bar** allows users to quickly locate specific cocktails by name. ◦ **Filter buttons** (e.g., Alcoholic, Non-Alcoholic) enable users to refine the displayed drinks according to their preferences. ◦ Clicking a **drink card** opens a popup containing detailed information about the drink.

	• **User Interaction:** ◦ **Hover Effects:** When hovering over drink cards or buttons, visual feedback (e.g., glow, jump animation) indicates that elements are interactive. ◦ **Popup Interaction:** Users can view the cocktail image, ingredients, and preparation steps in the popup. ◦ **Save Button:** Allows users to save favorite drinks for later reference. ◦ **Responsive Design:** The layout adapts to different screen sizes, ensuring that all content, including titles and images, remains visible and accessible.

UI Name:	**Cocktail Details Pop-out**

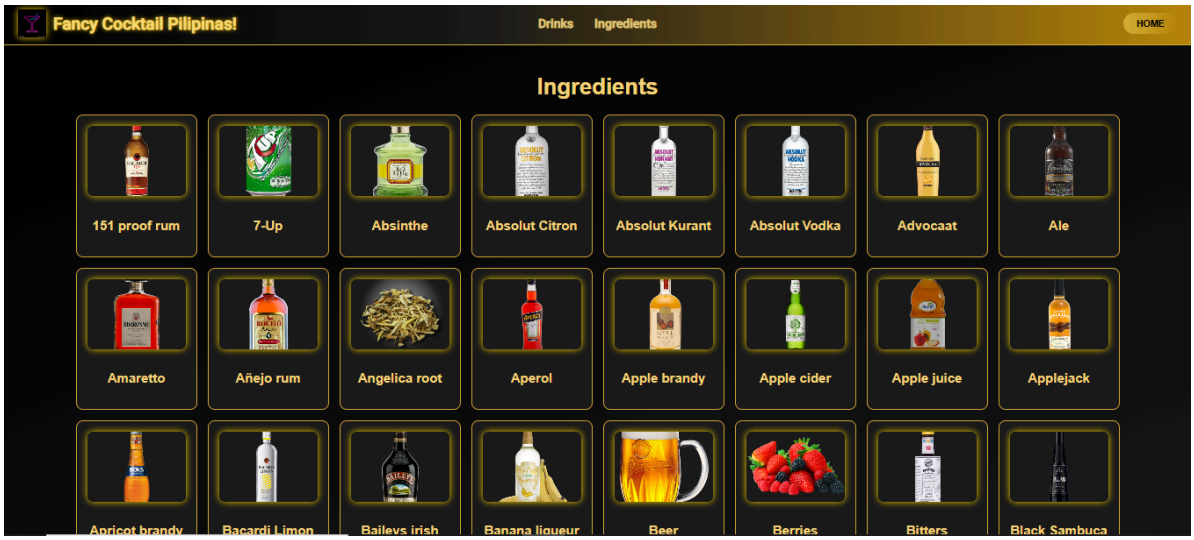


Purpose	The pop-out feature allows users to view detailed information about a selected cocktail without leaving the main Cocktails page. This includes a larger image of the drink, its ingredients, and preparation instructions, providing a more immersive and interactive experience.
Navigation and user interaction	○ **Navigation:** ■ Users click on a **drink card** in the Cocktails grid. ■ A **popup overlay** appears, centered on the screen, showing the cocktail details. ■ The popup can be closed via a **Close button** or by clicking outside the popup area (if implemented). ○ **User Interaction:** ■ **Popup Content:**

	● Shows a larger **cocktail image** for better visualization. ● Displays a **list of ingredients**, each with its own image and name, arranged in a responsive grid. ● Includes **preparation instructions** (if applicable). ■ **Animations:** ● Popup appears with a smooth **fade-in and zoom-in effect**, making the transition visually appealing. ● Ingredient cards can have subtle animations (e.g., float-in or hover effects) to make the interface dynamic. ■ **Buttons:** ● **Save Button:** Users can save the cocktail to favorites. ● **Close Button:** Closes the popup, returning the user to the main Cocktails page. ■ **Responsiveness:** ● Popup layout adjusts for different screen sizes to prevent content from being

	cut off, ensuring the drink name and details are fully visible on smaller monitors. **Benefits:** ● Enhances user engagement by presenting information in a visually appealing, interactive manner. ● Reduces navigation steps since users don't have to leave the main page to see details. ● Improves accessibility of drink information, making it easy to explore and save favorite cocktails. ○

UI Name:	**Ingredients Page**



Purpose	The Ingredients Page displays all the available ingredients in the cocktail system. This allows users to explore individual ingredients, view their images, and understand which cocktails they are used in. It serves as a reference and learning tool for users interested in mixology.
Navigation and user interaction	○ **Navigation:** ■ Users access the Ingredients Page via a **tab or menu link** in the main navigation bar. ■ Once on the page, all ingredients are displayed in a **responsive grid layout.** ○ **User Interaction:** ■ **Ingredient Cards:** ● Each ingredient is presented in a card format with: ○ **Ingredient Image:** A

	clear visual representation of the ingredient. ○ **Ingredient Name:** Displayed below the image in readable text. ● Cards are clickable to view more details about that ingredient (e.g., related cocktails or additional info). ■ **Hover Effects:** ● Cards highlight or slightly scale when hovered, giving a **live interactive feel**. ● Box-shadow or subtle glow effects are used to enhance visual feedback. ■ **Responsive Layout:** ● The grid automatically adjusts the number of columns based on screen width, ensuring a smooth experience across devices. ● Spacing between cards is consistent to avoid overlap or clutter. ■ **Animations:** ● Cards can have a **fade-in or float-in animation** as the

	page loads, making the interface dynamic. **Benefits:** • Provides a **quick overview of all ingredients** available in the system. • Supports learning about mixology by showing **visual cues for each ingredient.** • Allows users to **navigate to cocktails associated with each ingredient,** improving the exploration experience. • Enhances the aesthetic appeal with **animated, interactive cards,** making the page more engaging. ○ the cocktail to favorites. • **Close Button:** Closes the popup, returning the user to the main Cocktails page. ■ **Responsiveness:** • Popup layout adjusts for different screen sizes to prevent content from being cut off, ensuring the drink name and details are fully visible on smaller monitors. **Benefits:** • Enhances user engagement by presenting information in a visually appealing, interactive manner.

	• Reduces navigation steps since users don’t have to leave the main page to see details. • Improves accessibility of drink information, making it easy to explore and save favorite cocktails. o

Bencila, Adrian Marc C.

Personal Information

Name: Adrian Marc C. Bencila
Address: Purok 7, Kias, Baguio City
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Phone Number: 0915-534-2629

Career Objective

To apply creative and technical expertise in user interface design and application development toward the creation of efficient,

intuitive, and functional digital systems.

Educational Background

Bachelor of Science in Information Technology
University of Baguio
2024 - 2028

Technical Skills

- UI/UX Design
- HTML, CSS, and JavaScript
- Application documentation and layout structuring
- Wireframing and prototyping (Figma, Canva)
- Basic database concepts and system flow analysis

Work and Project Experience

- Designed user interfaces for academic application projects
- Front-end developer in team-based IT development activities
- Responsible for documentation and UI planning in multiple collaborative tasks

Notable Projects

- UI Lead Developer for *Fancy Cocktail Pilipinas!*

Cauan, Nel Angelo C.

Personal Information

Name: Nel Angelo C. Cauan
Address: Upper Crystal Cave, Baguio City.
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Phone Number: 0975-585-1405

Career Objective

To strengthen my expertise in back-end development and database management to create secure, efficient, and reliable digital systems for both academic and industry use.

Educational Background

Bachelor of Science in Information Technology
University of Baguio
2024-2025

Technical Skills

- Back-end programming (Transcript ts, html, css, angular)
- API integration and system communication
- Debugging, troubleshooting, and performance optimization
- Git and version control

Work and Project Experience

- Developed back-end systems for school projects and system prototypes

  multiple applications

- Conducted testing and debugging for collaborative IT tasks

Notable Projects

- Back-End Developer for *Fancy Cocktail Pilipinas!*