

PROJECT DOCUMENTATION

PRODUCT DESCRIPTION

Project: **E-commerce website for Caramels and Almonds**

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PRINCE2

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Owner: Dr. Yasas Jayaweera

Client: Caramels and Almonds by Senuthi Wijesinghe

Document Ref: ProductDescription_CaramelsandAlmonds

Version No: 1.0

1 Product Description History

1.1 Document Location

This document is only valid on the day it was printed.
The source of the document will be found on the project's PC in location.

1.2 Revision History

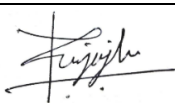

Date of this revision: 25/06/2023

Date of Next revision:

Revision date	Previous revision date	Summary of Changes	Changes marked
25/06/2023	-	First Issue	

1.3 Approvals

This document requires the following approvals.
Signed approval forms are filed in the Management section of the project files.

Name	Signature	Title	Date of Issue	Version
Dr.Yasas Jayaweera		Project Board	25/06/2023	1.0
Pruthuvi Wijesinghe		Project Manager	25/06/2023	1.0
Miss. Senuthi Wijesinghe		Client	25/06/2023	1.0

1.4 Distribution

This document has been distributed to:

Name	Title	Date of Issue	Version
Pruthuvi Wijesinghe	Project Manager	25/06/2023	1.0
R.S.Senarathna	Quality Manager	25/06/2023	1.0
A.S.De Silva	Risk Manager	25/06/2023	1.0
Hasini Jayasekara Vithanage	Scheduling Manager	25/06/2023	1.0
H.M Pumudi Chamalka Kumari Herath	Start-up Manager	25/06/2023	1.0

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Post-Project Review Plan

3 Purpose

The purpose of this proposed website is to create a seamless and engaging online experience for the customers of 'Caramels and Almonds'. By incorporating an AI Chatbot, our team aims to provide personalized and efficient customer support, enhancing the overall user experience. The AI Chatbot will be designed to assist customers with inquiries about the cake flavours, pricing, and customization requests. Through this interactive feature, our team intends to streamline customer communication, boost sales, and build a strong brand reputation for 'Caramels and Almonds' as a customer-centric business. The website, coupled with the AI Chatbot, will serve as a virtual storefront, enabling potential customers to explore delectable cake offerings, place orders, and receive prompt assistance, ultimately driving growth and customer satisfaction for this cake business.

4 Composition

The project contains following features:

- User Registration
- User Login
- Admin panel
- Order Management
- Make payments
- Category Management
- AI Chatbot
- Spinning wheel for raffle draw

- View Shopping Cart

5 Derivation

The products' project theme is provided by the client, and the data used by the products is generated from the business's main database. Furthermore, all features of cakes are determined based on the specifications delivered orally by the client during client meetings.

6 Format and Presentation

- Website integrated with an AI-based chatbot.
- Test case documentation.
- User manual.

7 Allocation

The project team consists of five members: the project manager, scheduling manager, start-up manager, risk manager, and quality manager. Pruthuvi Wijesinghe is the project manager of the team and is responsible for ensuring the success of the project. The scheduling manager, Hasini Jayasekara Vithanage, is in charge of managing the schedule to complete the project's milestones. The project's start-up manager, H.M.Pumudi Chamalka Kumari Herath, is in charge of interacting with the team and the client in order to successfully meet the client's requirements. A.S De Silva, the risk manager, is responsible for identifying possible risks that may occur and helping the team mitigate and overcome them. R.S Senarathna, the project's quality manager, will conduct testing and improve the project's overall quality. Aside from these core roles, Pruthuvi Wijesinghe, R.S Senarathna, A.S De Silva will work as project developers, while Hasini Jayasekara Vithanage and H.M.Pumudi Chamalka Kumari Herath will be in charge of the documentation.

8 Quality Criteria

- The system should meet all specified client requirements.
 - Conduct thorough requirement gathering sessions with the client to ensure a clear understanding of her needs.
- All components of the system should be fully functional.
 - Perform comprehensive testing of each component to identify and resolve any issues.
- The system should provide a user-friendly experience.
 - Design a visually appealing user interface.
- The system should be accessible to users with varying levels of IT literacy.
- The system should deliver optimal performance across devices.
- The system should ensure minimal downtime.
- The AI-powered chatbot should effectively assist users.
 - Continuously monitor and refine the chatbot's performance based on user feedback.
- The system should maintain a reliable transaction tracking system.

9 Quality Method

- Regularly review the website's content to identify any errors, such as spelling or grammatical mistakes.
- Maintain user-friendly interfaces on the website.
- Regularly gather feedback from the client and customers to understand their needs and preferences.
- Store the data in a secure and protected database to prevent unauthorized access.
- Test the website's responsiveness and adaptability to different screen sizes, including desktops, tablets, and mobile devices.
- Perform unit tests on key functions of the website, such as the chatbot, spinning wheel, and search bar, to verify their proper operation.
- Ensure that the documents are well organized, easy to understand, and follow the appropriate formatting guidelines.

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- Make the necessary revisions to improve the clarity and readability of the text.

10 Quality Check Skills Required

The Quality Manager, R.S. Senarathna, plays a crucial role in ensuring the success of the Caramels and Almonds e-commerce website. With a strong understanding of customer needs, analysing and interpreting client requirements should be done effectively. Developing the client's requirements and maintaining project documents will ensure that the website aligns with the desired functionality and user experience. If time permits, Selenium will be used by the quality manager as an interface testing framework to enhance user functionality. Regular data testing and collaboration with the client throughout the appraisal stage are also essential aspects, ensuring that the website meets the highest quality standards.