

Software Quality Assurance Plan

Pizza Orders

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Prepared For: Dough Is Life

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Revision History

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- Drafted the initial SQAP document
- Included the title page and required content
- Created a revision history page
- Generated the Table of Contents (TOC)
- Added a Table of Figures placeholder
- Structured the document sections according to IEEE 730-2014:
 - Purpose and Scope (Section 1)
 - Definitions and Acronyms (Section 2)
 - Reference Documents (Section 3)

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01 Purpose and Scope

The purpose of the Pizza Orders application is to create a platform for customers of Dough Is Life to place, customize, and track pizza orders online. The application will provide an intuitive user interface for ordering, real-time order tracking, and integration with payment and delivery systems. The Pizza Orders application is designed to allow customers of Dough Is Life to easily order and customize pizzas, track their orders, and make secure payments. The goal is to create a simple, user-friendly platform that meets customer needs and supports the restaurant's operations.

01.2 Scope

User account management for customers to track orders and manage preferences.

Order customization allowing customers to select toppings, sizes, and delivery options.

Real-time order tracking for customers to follow their order status.

Secure payment integration for processing customer payments.

Admin interface for restaurant staff to manage orders and inventory.

User-friendly interface for both customers and staff.

01.3 Contract Reference

This SQAP is based on the contract between Dough Is Life and Strobel Inc., which outlines the project's requirements for order customization, payment integration, and order tracking.

02 Definitions and Acronyms

Word/Acronym	Definition
Real-Time Order Tracking	A feature that lets customers see the status of their pizza order through the entire process such as preparation and delivery stages.
Order Customization	The ability for customers to choose things like toppings, size, and delivery options for their pizza.
Secure Payment Integration	A system that handles customer payments to make sure their payment information is protected.

03 Reference Documents

Document Name	Link
Dough Is Life Contract	<u>ContractDough</u>

04 SQA Plan Overview

04.1 Organization and Independence

04.2 Software Product Risk

04.3 Tools

04.4 Standards, Practices, and Conventions

05: Activities, Outcomes, and Tasks

05.1 Product Assurance

05.1.1 Evaluate Plans for Conformance

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06 Additional Considerations

06.1 Contract Review

06.2 Quality Measurement

06.3 Waivers and Deviations

06.4 Task Repetition

06.5 Risks to Performing SQA

06.6 Communications Strategy

06.7 Non-Conformance Process

07 SQA Records

07.1 Analyze, Identify, Collect, File, Maintain, and Dispose

07.2 Availability of Records