

DAY 5 -TESTING ,ERROR HANDLING AND BACKEND INTEGRATION

Introduction

In the competitive landscape of the industry, particularly within elite food restaurants, ensuring seamless operations and exceptional customer experiences is paramount. Implementing robust testing, efficient debugging, and seamless integration within the restaurant's technological and operational systems

TESTING

- Unit Testing: Verifies individual components such as menu management modules or payment gateways.
- Integration Testing: Ensures that systems like inventory management, POS, and CRM software interact seamlessly.
- System Testing: Evaluates the restaurant's entire technological ecosystem, including hardware and software components.
- User Acceptance Testing (UAT): Validates that new systems or updates meet staff and customer needs before full deployment.

Testing Summary Table for Elite Food Restaurant Website

TEST NO	FEAUTRED TESTED	EXCEPT OUTCOME	AUTUAL OUTCOME	STATUS	PRIORIOTV	COMMENT
TEST ID :01	Homepage Load Speed	Page loads within 2 seconds	Page loads in 1.8 seconds	Pass	high	Optimized images helped
TEST ID :02	Navigation Bar	All links work correctly, responsive on all devices	Links functional, responsive on desktop but minor issue on mobile	partial	high	Needs mobile responsiveness fix
TEST ID :03	Menu Display	Menu items displayed correctly with images and descriptions	Menu items displayed correctly	Pass	high	Well-structured layout
TEST ID :04	Reservation Form	Submits data correctly with validation errors for empty fields	Validation works, data submitted successfully	Pass	high	Secure form submission
TEST ID :05	Contact Page	Contact form sends emails to the correct address	Emails received correctly	Pass	medium	Efficient email handling
TEST ID :06	Search Functionality	Accurately searches menu items	Search results accurate	Pass	medium	Fast query response