Test Plan

# 1. Objective

The objective of this Test Plan is to verify that the Pick Your Pup platform meets functional and non-functional requirements, delivers a user-friendly shopping and adoption experience, and ensures data integrity and security.

# 2. Scope

## In Scope

Authentication, navigation, shopping cart, puppy adoption, order management, search, contact form, API, database testing, and responsive design.

## Out of Scope

Admin features, payment gateway integration, third-party APIs.

# 3. Test Environments

Localhost:3000 environment with Node.js backend, SQLite DB, and browser compatibility testing across Chrome, Firefox, Safari, and Edge.

# 4. Test Strategy

Testing will include functional, regression, system, and acceptance testing. Manual black-box testing will be the primary method.

# 5. Test Deliverables

Deliverables include Test Plan, Test Cases, Test Execution Reports, Defect Reports, and Test Closure Report.

# 6. Entry and Exit Criteria

## Entry

Stable build available, test cases prepared, and test environment set up.

## Exit

All high-priority test cases passed, no critical defects remain open.