***Test Case Specification***

Identifier

Unique ID: TS-PS-001

Short Name: Pet Adoption Process

Version Date: 2024-10-15

Version Number: 1.0

Version Author: Raj Kadambalu

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Revision History:

1.0 - Initial creation (2024-10-15)

***Test Items***

Items to Test:

Pet adoption form submission

Validation of pet availability

Confirmation email generation

***Reference Documents:***

Requirements Specification Document

System Design Specification Document

User Guide

Input Specifications

Input Type Description

Data Pet ID, User ID, Adoption Date

Values Pet ID: 101, 102, 103

Ranges Adoption Dates: 2024-10-01 to 2024-12-31

Human Actions User selects pet, fills out form

Conditions Pet must be available for adoption

States Initial: Form not submitted

Intermediate: Form submitted

Final: Adoption confirmed

Files Adoption form PDF

Databases Pets database, Users database

Control Files Form configuration file

Transaction Files Adoption transaction logs

Relationships User to Pet relation

Timing Form submission should take less than 5 seconds

Output Specifications

Output Type Description

Data Confirmation number, User ID

Values Confirmation number format: CN-20241015-001

Sets Adoption records set

Tables Adoption statistics table

Human Actions Confirmation email sent to user

Conditions Email sent if adoption successful

States Initial: No output

Intermediate: Confirmation generated

Final: User notified

Files Confirmation email template

Databases Updated pets database

Control Files Email configuration file

Transaction Files Updated adoption transaction logs

Relationships User adoption relationship updated

Timing Email response time should be less than 1 minute

Environmental Needs

Hardware:

Server for application hosting

User devices (PCs, tablets, mobile , laptop)

Software:

Web application

Email server

Operating Systems:

Linux server OS

Windows for user devices

Tools:

Testing tools (Selenium, Postman)

Database management tools

Facilities:

Internet connection

Testing environment setup

Special Procedural Requirements

Special Setup:

Ensure test pets are marked as available in the database.

Operations Intervention:

Manual verification of confirmation emails.

Output Location:

Confirmation emails should be sent to test user accounts.

Special Wrap-Up:

Clean up test data after execution.

Inter-case Dependencies

Prerequisite Test Cases:

TS-PS-002: User Registration Process

TS-PS-003: Pet Availability Check

Follow-On Test Cases:

TS-PS-004: Adoption Feedback Submission.