

SmartPaw Test Plan and Cases Documentation

Overview

Transform current informal test documentation into structured Software Test Plan and Test Cases format following the provided template.

Document 1: SmartPaw - Software Test Plan

Test Plan Structure (Tabular Format)

S. No	Description	Test Engineer	Start Date	End Date
1	Login Screen-1	M Asad Ibrahim	03-May-2025	03-May-2025
2	Screen-2 (Registration)	M Asad Ibrahim	03-May-2025	03-May-2025
3	Screen-3 (Dashboard Navigation)	Subhan	04-May-2025	04-May-2025
4	Screen-4 (Add Pet)	Haris Bin Mohsin	05-May-2025	05-May-2025
5	Screen-5 (Community Blog)	Haris Bin Mohsin	06-May-2025	06-May-2025
6	Screen-6 (Doctor Consultation)	Subhan	07-May-2025	07-May-2025
7	Screen-7 (Push Notifications)	M Asad Ibrahim	08-May-2025	08-May-2025
8	Screen-8 (Disease Prediction)	Haris Bin Mohsin	09-May-2025	09-May-2025
9	Report-1 (Login Test Results)	M Asad Ibrahim	10-May-2025	
10	Report-3 (Community Features Results)	Haris Bin Mohsin	12-May-2025	
11	Report-4 (Notification System Results)	M Asad Ibrahim	13-May-2025	

Plan Header Information

- **Test Plan Sub-set:** SmartPaw Mobile Application Testing
- **Details:** Complete functional testing including user authentication, pet management, community features, notifications, and doctor consultation system
- **Application Scope:** 8 Screens and 5 Reports
- **Estimation:** Approximately 2 days per screen/report

Document 2: Test Case TC-1 (User Login)

Test Case Header

- **Project Name:** SmartPaw Mobile App
- **Module Name:** User Authentication
- **Test Case ID:** TC-1
- **Test Case Description:** User Login Verification
- **Iteration No:** 1
- **Date:** 03-May-2025
- **Test Engineer:** M Asaad Ibrahim

Test Steps Table

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/Fail
TC-1.1	Launch SmartPaw application	App installed on device	App launches successfully	App launched without errors	Pass
TC-1.2	Navigate to login screen	Valid app state	Login form displayed with email/password fields	Login screen visible with input fields	Pass
TC-1.3	Enter valid email credentials	Valid email format (user@domain.com)	Email accepted in field	Email entered successfully	Pass
TC-1.4	Enter valid password	Correct password (min 6 characters)	Password masked properly	Password field shows masked input	Pass
TC-1.5	Tap Login button	Valid credentials entered	Navigate to dashboard screen	Successfully navigated to dashboard	Pass

--	--	--	--	--	--

Test Case Notes

- **TC-1** is Test case #1 for Login Screen you are testing
- **Steps:** Follow sequence 1-5 for complete login flow
- **Input-Data:** Actual values used during testing
- **Result:** Pass indicates successful login functionality

Document 3: Test Case TC-2 (Add Pet)

Test Case Header

- **Project Name:** SmartPaw Mobile App
- **Module Name:** Pet Management
- **Test Case ID:** TC-2
- **Test Case Description:** Add Pet.
- **Iteration No:** 1
- **Date:** 05-May-2025
- **Test Engineer:** Haris Bin Mohsin

Test Steps Table

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/Fail
TC-2.1	Navigate to Pet section	User logged in	Pet management screen displayed	Pet icon visible and accessible	Pass
TC-2.2	Tap Add Pet option	Pet screen active	Add Pet form opens	Bottom Sheet opened	Pass
TC-2.3	Fill pet basic information	Pet name, breed, age, weight	Bottom Sheet accepts valid data	All fields populated correctly	Pass
TC-2.4	Submit pet information	Complete form data	Pet added	Pet added to list, redirected to result	Pass

Document 4: Test Case TC-3 (Blog Upload)

Test Case Header

- **Project Name:** SmartPaw Mobile App
- **Module Name:** Community Features
- **Test Case ID:** TC-3
- **Test Case Description:** Community Blog Post Creation
- **Iteration No:** 1
- **Date:** 06-May-2025
- **Test Engineer:** Haris Bin Mohsin

Test Steps Table

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/Fail
TC-3.1	Navigate to Community section	User logged in	Community screen displayed	Community tab accessible	Pass
TC-3.2	Tap Add Blog option	Community screen active	Blog creation form opens	Add Blog form displayed	Pass
TC-3.3	Enter blog title	Sample blog title (max 100 chars)	Title field accepts input	Title entered successfully	fail
TC-3.4	Enter blog content	Blog body text (max 1000 chars)	Content area accepts text	Blog content entered	Pass
TC-3.6	Publish blog post	Complete blog data	Blog published in community feed	Blog visible at top of community list	Pass

Document 5: Test Case TC-4 (Firebase Push Notification)

Test Case Header

- **Project Name:** SmartPaw Mobile App
- **Module Name:** Notification System
- **Test Case ID:** TC-4
- **Test Case Description:** Meal Reminder Push Notification
- **Iteration No:** 1
- **Date:** 08-May-2025
- **Test Engineer:** M Asad Ibrahim

Test Steps Table

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/Fail
TC-4.1	Navigate to pet meal settings	Pet profile exists	Meal reminder settings accessible	Settings screen displayed	fail
TC-4.2	Set meal reminder time	Specific time (e.g., 8:00 AM)	Time picker accepts input	Meal time set successfully	Pass
TC-4.3	Enable notification permission	System notification prompt	Permission granted	Notification permission enabled	Pass
TC-4.4	Wait for scheduled time	Set meal time reached	Push notification triggered	Notification received on time	Pass
TC-4.5	Check notification content	Meal reminder message	Proper message displayed	Notification shows meal reminder text	Pass
TC-4.6	Tap notification	Active notification	App opens to relevant screen	App launched to pet feeding section	Pass

Document 6: Test Case TC-5 (View Emergency Doctor List)

Test Case Header

- **Project Name:** SmartPaw Mobile App
- **Module Name:** Doctor Consultation
- **Test Case ID:** TC-5
- **Test Case Description:** Emergency Doctor List Display
- **Iteration No:** 1
- **Date:** 07-May-2025
- **Test Engineer:** Subhan

Test Steps Table

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/Fail
TC-5.1	Navigate to Consultation section	User logged in	Consultation screen displayed	Consultation tab accessible	Pass
TC-5.2	Tap View Doctors option	Consultation screen active	Doctor list loading initiated	Loading indicator shown	Pass
TC-5.3	Wait for doctor list load	Internet connection available	List of doctors displayed	Doctor cards visible with details	Pass
TC-5.4	Verify doctor information	Doctor profiles in system	Name, specialty, contact info shown	All doctor details properly displayed	Pass
TC-5.5	Check availability status	Real-time availability data	Availability status indicators	Doctor availability clearly marked	Pass
TC-5.6	Test contact functionality	Doctor contact details	Contact options functional	Contact buttons working properly	Pass

Document 7: Test Case TC-6 (Disease Prediction Result)

Test Case Header

- **Project Name:** SmartPaw Mobile App
- **Module Name:** AI Prediction System
- **Test Case ID:** TC-6
- **Test Case Description:** Disease Prediction Result Display
- **Iteration No:** 1
- **Date:** 09-May-2025
- **Test Engineer:** Haris Bin Mohsin

Test Steps Table

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/Fail
TC-6.1	Complete pet symptom submission	Pet symptoms and photo uploaded	Prediction processing initiated	Processing indicator displayed	Pass
TC-6.2	Wait for AI model processing	ML model analysis	Processing completes successfully	Analysis completed without errors	Pass
TC-6.3	View prediction results	AI model output	Results screen displayed	Result screen shows prediction data	Pass
TC-6.4	Verify disease prediction	Predicted disease label	Disease name clearly displayed	Disease label shown prominently	Pass
TC-6.5	Check confidence score	Prediction confidence percentage	Confidence level indicated	Confidence score visible	Pass
TC-6.6	Review suggested actions	Treatment/care recommendations	Actionable advice provided	Advice and suggestions displayed	Pass