

PawfectMatch TEST CASES AND REQUIREMENTS

Version 1.2

5/11/2025

VERSION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.0	Chong Yao	2/11/25	Nelly	3/11/25	Test cases TCA1-TCB2
1.1	Do Quang	3/11/25	Nelly	3/11/25	Test-cases TCB3-TCE2
1.2	Chloie	5/11/25	Nelly	5/11/25	Test cases TCF1-TCH3

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Test Cases

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TEST CASES

A. Authentication

TC-A1 - Register

Test Case ID: TC-A1	Test Designed by: Chong Yao
Test Priority (Low/Medium/High): High	Test Designed date: 30/10/2025
Test Title: Register a valid account	Test Execute by: Chong Yao
Description: Registers an account for the user	Test Execution date: 2/11/2025
Pre-conditions: User must not be logged in with any account prior to registration	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Open base address in the browser	N/A	User should see the login page	User is directed to the login page	Pass	
2	Click on SIGN UP	N/A	User should see sign up page	User is directed to the sign up page	Pass	
3	Provide first name	First Name: Tester	User should see their input in the FIRST NAME field	FIRST NAME field displays "Tester"	Pass	
4	Provide valid valid email	Email: Testuser1@gmail.com	User should see their input in the EMAIL ADDRESS	EMAIL ADDRESS field displays "Testuser1@gmail.com"	Pass	

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			field			
5	Provide valid password	Password: P@ssw0rd123!	User should see their input in redacted form in the PASSWORD field	PASSWORD field displays “***** **”	Pass	
6	User clicks on “I agree to the Terms of Service and Privacy Policy”	N/A	Checkbox should be checked	Checkbox is checked	Pass	
7	User clicks on CREATE ACCOUNT	N/A	User should see the login page	User is directed to the login page	Pass	

Post-conditions:

User is registered in the database and is able to login with their account

TC-A2 - Login

Test Case ID: TC-A2	Test Designed by: Chong Yao
Test Priority (Low/Medium/High): High	Test Designed date: 30/10/2025
Test Title: Login with valid account	Test Execute by: Chong Yao
Description: User logs in to the application with a valid account	Test Execution date: 2/11/2025
Pre-conditions: The user must already have an existing account	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
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1	Open base address in the browser	N/A	User should see the login page	User is directed to the login page	Pass	
2	Provide valid valid email	Email: Testuser1@gmail.com	User should see their input in the EMAIL ADDRESS field	EMAIL ADDRESS field displays "Testuser1@gmail.com"	Pass	
3	Provide valid password	Password: P@ssw0rd123!	User should see their input in redacted form in the PASSWORD field	PASSWORD field displays "*****"	Pass	
4	Click on PROCEED	N/A	User should see the profile setup page	User is directed to the profile setup page	Pass	

Post-conditions:

User is logged in and should have a dedicated session ID generated that is saved in the browser cookies

B. Profile**TC-B1 - Set up service provider profile**

Test Case ID: TC-B1	Test Designed by: Chong Yao
Test Priority (Low/Medium/High): High	Test Designed date: 30/10/2025
Test Title: Set up service provider profile	Test Execute by: Chong Yao
Description: User sets up service provider account after log in	Test Execution date: 2/11/2025
Pre-conditions: <ol style="list-style-type: none"> 1. User signs up with account details: First Name: Tester, any email, and any password 1. User is logged in 2. The user must not have onboarded before 	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	User selects "Service Provider" on role selection"	N/A	Service Provider is highlighted	Service Provider is highlighted	Pass	
2	User clicks continue	N/A	User sees the profile set up page	User continues to the profile set up page	Pass	
3	User fills in their details	First Name: Filled from registration Last Name: Test Date of Birth: 01/01/2000 Gender: Male Phone Number: 91234567 Address: 123 Test St	User sees details filled in	Details are filled in: First Name: Tester Last Name: Test Date of Birth: 01/01/2000 Gender: Male Phone Number: 91234567	Pass	

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				Address: 123 Test St		
4	User clicks continue	N/A	User sees the service listing set up page	User is directed to the service listing set up page	Pass	
5	User inputs YEARS OF EXPERIENCE	Years of experience: 5	User should see their input filled in	User sees input field YEARS OF EXPERIENCE filled in with 5	Pass	
6	User clicks on "+ Add Service"	N/A	User should see that the service listing set up box appear	User sees the service listing set up box appear	Pass	
7	User fills in service listing details	Service Type: Pet Training Hourly/Daily Rate: 50 Locations: Dhoby Ghaut, Boat Quay Available Days: Monday, Tuesday, Wednesday, Thursday, Friday	User should see that the input details should be filled up	User sees service listing details filled up with Service Type: Pet Training Hourly/Daily Rate: 50 Locations: Dhoby Ghaut, Boat Quay Available Days: Monday, Tuesday, Wednesday, Thursday, Friday	Pass	
8	User clicks continue	N/A	User sees the dashboard	User is directed to the dashboard	Pass	

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Post-conditions:

User is considered onboarded on the backend

TC-B2 - Set up pet owner profile

Test Case ID: TC-B2	Test Designed by: Chong Yao
Test Priority (Low/Medium/High): High	Test Designed date: 30/10/2025
Test Title: Set up pet owner profile	Test Execute by: Chong Yao
Description: User sets up pet account after log in	Test Execution date: 2/11/2025
Pre-conditions: <ol style="list-style-type: none"> 2. User signs up with account details: First Name: Tester, any email, and any password 3. User is logged in 4. The user must not have onboarded before 	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	User selects "Pet Owner" on role selection"	N/A	Service Provider is highlighted	Service Provider is highlighted	Pass	
2	User clicks continue	N/A	User sees the profile set up page	User continues to the profile set up page	Pass	
3	User fills in their details	First Name: Filled from registration Last Name: Test Date of Birth: 01/01/2000 Gender: Male Phone Number: 91234567 Address: 123 Test St	User sees details filled in	Details are filled in: First Name: Tester Last Name: Test Date of Birth: 01/01/2000 Gender: Male Phone Number: 91234567	Pass	

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				Address: 123 Test St		
4	User clicks continue	N/A	User sees the service listing set up page	User is directed to the service listing set up page	Pass	
5	User inputs pet details	Pet name: TestPet Species: Dog Breed: Labrador Age: 5 Health Condition: N/A Preferences: N/A	User should see their input filled in	User sees input field fields filled in Pet name: TestPet Species: Dog Breed: Labrador Age: 5 Health Condition: N/A Preferences: N/A	Pass	
6	User clicks continue	N/A	User sees the dashboard	User is directed to the dashboard	Pass	

Post-conditions:

User is considered onboarded on the backend

TC-B3 - User Profile Information Update

Test Case ID: TC-B3	Test Designed by: Do Quang
Test Priority (Low/Medium/High): High	Test Designed date: 01/11/2025
Test Title: Profile Page Display and About Section	Test Execute by: Do Quang
Description: Verify that profile page displays correctly with gradient header, profile picture, About component, and role-specific content sections	Test Execution date: 03/11/2025

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Pre-conditions: User is logged in; User profile exists with basic information

Dependencies: N/A

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to profile page	URL: /profile	Profile page should load with gradient header and user information	Page loads with purple-green-yellow gradient header and user details	Pass	
2	Verify profile header section	Profile picture and name display in header	Header should show profile picture (36x36) and full name in large text	Header displays profile image and "First Last" name with proper styling	Pass	
3	Check About component structure	Left sidebar with user information items	About section should display role, name, contact details with icons	About component shows role-specific information with Lucide icons	Pass	
4	Verify role-specific content sections	ServiceContent for caretakers, PetContent for owners	Right content area should display appropriate component based on user type	Caretaker users see ServiceContent, owner users see PetContent component	Pass	
5	Verify profile picture fallback	Test with user having no profile picture	Should display userPlaceholder	Placeholder image displays	Pass	

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			derUrl when no profile picture exists	correctly when user.profile_p icture is null/empty		
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Post-conditions:

Profile page displays correctly with proper layout, responsive design, and role-appropriate content sections.

TC-B4 - Profile Picture Upload and Management

Test Case ID: TC-B4	Test Designed by: Do Quang
Test Priority (Low/Medium/High): High	Test Designed date: 01/11/2025
Test Title: Profile Information Update via About Modal	Test Execute by: Do Quang
Description: Verify that users can update their profile information through the About component modal including profile picture and personal details	Test Execution date: 03/11/2025
Pre-conditions: User is on profile page; About component is visible	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Access profile update modal	N/A	Profile update modal should open with form fields populated	Modal opens with react-hook-form populated with current profile data	Pass	
2	Update first name and last name	firstName: "John Updated", lastName: "Doe Updated"	Name fields should accept new values with proper	Form accepts updated name values and validates	Pass	

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			validation	input correctly		
3	Update date of birth	dateOfBirth: "2004-05-15" (formatted for input)	Date field should accept valid date format	Date field accepts formatted date using formatDateF orInput utility	Pass	
4	Update gender selection	gender: Select from USER_GENDER enum options	Gender dropdown should show available options and accept selection	Gender field displays enum options and updates selection correctly	Pass	
5	Update contact phone number	phone: "+65 9876 5432"	Phone field should accept valid international phone format	Phone field accepts formatted number with country code	Pass	
6	Update address information	address: "123 Updated Street, Singapore 654321"	Address field should accept full address string	Address field accepts complete address information	Pass	
7	Upload profile picture file	profilePicture: Select image file from FileList	File input should accept image file and prepare for upload	File input accepts image file and stores in FileList for processing	Pass	

Post-conditions:

Profile information is successfully updated in the database and user context is refreshed with new data.

C. Service Listing

TC-C1 - Service Listing Page

Test Case ID: TC-C1	Test Designed by: Do Quang
Test Priority (Low/Medium/High): High	Test Designed date:
Test Title: Service Listing Page	Test Execute by: Do Quang
Description: Display all services created by multiple service providers in one service listing page	Test Execution date:
Pre-conditions: Login as Pet Owner and Service Provider has create services	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to service listing page	N/A	User should see the service listing page	User is directed to the service listing page	Pass	
2	Click on browse service in navigation bar	N/A	User should see service listing page	User is directed to the service listing page	Pass	
3	Verify service cards are displayed	Services card created by Service Provider	User should see service cards with provider information, ratings, and service details	Service cards display correctly with provider names, service types, and prices	Pass	
4	Verify service details	Services card created by Service Provider	Each service should show service type, pricing, and availability	Service details are accurately displayed with proper	Pass	

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			status	formatting		
5	Test service filtering functionality	N/A	User should be able to filter services by various criteria include: Service type, location, price range	Filter options work correctly and update service listings appropriately	Pass	
6	Check service search functionality	Search term: "Dog walking"	User should be able to search for specific services	Search function returns relevant results matching the search criteria	Pass	
7	Verify service sorting options	Sort by: Price, rating, distance	User should be able to sort services by different criteria	Sorting functionality works correctly and reorders service listings	Pass	
8	Test service card interaction	Click on service card	User should be able to click on service cards to view more details	Clicking on service cards navigates to detailed service view	Pass	

Post-conditions:

N/A

D. Dashboard Page

TC-D1 - Pet Owner Dashboard Display

Test Case ID: TC-D1	Test Designed by: Do Quang
Test Priority (Low/Medium/High): High	Test Designed date: 01/11/2025
Test Title: Dashboard Stats Grid and Upcoming Bookings Display	Test Execute by: Do Quang
Description: Verify that dashboard displays stats grid with upcoming bookings count and next appointment information	Test Execution date: 03/11/2025
Pre-conditions: User is logged in; User has existing bookings in system	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to dashboard page	URL: /dashboard	Dashboard should load with stats grid and booking information	Dashboard displays with stats grid containing upcoming bookings card	Pass	
2	Check "Book" action card	Card with "Get started" button and calendar plus icon	"Book" card should display with description and clickable action button	Book card shows "Select service, date & time" with functional "Get started" button	Pass	
3	Verify "Upcoming" card in stats grid	Expected: Upcoming booking count and next appointment time	"Upcoming" card should show booking count and next	Card displays "X bookings" and "Next: [date/time]" or "Next: No bookings"	Pass	

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			appointment subtitle	scheduled"		
4	Verify "View bookings" section	Expected: List of up to 3 recent bookings with "Open list" button	Bookings list should show recent appointments with service name, date, and status	Shows formatted bookings list with service names, dates, and "Open list" secondary link	Pass	
6	Check "Need help?" section	Help card with FAQ link and support information	Help section should display with FAQ link and assistance text	Haven't work as expected	Fail	
7	Test booking creation flow	Click "Get started" button in Book card	Should navigate to services page for booking creation	Clicking "Get started" successfully navigates to /services page	Pass	

Post-conditions:

User can view booking statistics, access all dashboard features, and navigate to booking creation or booking management pages.

TC-D2 - Service Provider Revenue Display

Test Case ID: TC-D2	Test Designed by: Do Quang
Test Priority (Low/Medium/High): High	Test Designed date: 01/11/2025
Test Title: Service Provider Revenue Display	Test Execute by: Do Quang
Description: Verify that service provider dashboard displays additional revenue card with monthly earnings and percentage change	Test Execution date: 03/11/2025
Pre-conditions: User is logged in as caretaker (service provider); Dashboard snapshot API is available	

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Dependencies: N/A

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Login as caretaker user type	User with type: "caretaker"	Dashboard should detect caretaker user and show additional revenue card	Dashboard renders with both "Upcoming" and "This month" revenue cards in stats grid	Pass	
2	Verify "This month" revenue card visibility	Expected: Revenue card only visible for caretaker user type	Revenue card should be displayed only when user.type === "caretaker"	Revenue card appears with title "This month" and subtitle "Revenue"	Pass	
3	Check revenue amount display	Mock data: amount with currency formatting	Revenue should display formatted currency amount	Revenue displays formatted amount using Intl.NumberFormat (e.g., "\$1,250")	Pass	
4	Verify percentage change caption	Expected: Change percentage vs last month	Caption should show percentage change with appropriate +/- indicator	Caption displays "+15% vs last month" or similar with proper formatting	Pass	
6	Test error handling for revenue data	API error or missing snapshot data	Revenue card should gracefully handle missing data	Revenue shows "—" for amount and "No change data yet" for	Pass	

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				missing data		
7	Verify non-caretaker users don't see revenue	Login as owner user type	Revenue card should not be displayed for non-caretaker users	Dashboard shows only "Upcoming" card without revenue card for owner users	Pass	

Post-conditions:

Service providers can view monthly revenue metrics.

E. Booking Management Page**TC-E1 - Create New Service Booking**

Test Case ID: TC-E1	Test Designed by: Do Quang
Test Priority (Low/Medium/High): High	Test Designed date: 01/11/2025
Test Title: Bookings Page Display and Tab Navigation	Test Execute by: Do Quang
Description: Verify that bookings page displays correctly with tab navigation, loading states, and proper error handling	Test Execution date: 03/11/2025
Pre-conditions: User is logged in; BookingAPI is available	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to bookings page	URL: /bookings	Bookings page should load with header and initial loading state	Page loads with "My Bookings" header and "Loading bookings..." message	Pass	
2	Verify page header and description	Header: "My Bookings" and description text	Header should display page title and management description	Header shows "My Bookings" and "Manage and view your pet care service bookings"	Pass	
3	Check tab navigation structure	Tabs: All, Pending, Accepted, PendingPayment, Completed,	Tab navigation should display with booking	Tab bar shows "All (X)" plus status tabs from	Pass	

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		Cancelled, Declined	counts for each status	BOOKING_ STATUS with counts		
4	Test "All" tab functionality	Click "All" tab to view all bookings	"All" tab should be active and show complete booking list	All tab becomes active with blue border and text, displays all bookings	Pass	
5	Test individual status tab filtering	Click on "Pending" or other status tabs	Tab should become active and filter bookings by selected status	Selected tab highlights and booking list filters to show only matching status	Pass	
6	Verify booking count display in tabs	Tab labels show count: "Pending (3)", "Completed (5)"	Each tab should display accurate count of bookings for that status	Tab counts update correctly using getTabCount function	Pass	
7	Test empty state display	Filter to status with no bookings	Empty state should show with icon, message, and "Browse Services" link	Empty state displays calendar icon, "No bookings found", and blue "Browse Services" button	Pass	
8	Verify error handling display	Simulate API error during booking fetch	Error message should display with retry option	Error state shows "Failed to load bookings. Please try again later."	Pass	

Post-conditions:

Bookings page displays correctly with functional tab navigation and proper handling of different data states.

TC-E2 - Booking Modification and Cancellation

Test Case ID: TC-E2	Test Designed by: Do Quang
Test Priority (Low/Medium/High): High	Test Designed date: 01/11/2025
Test Title: Booking Action Buttons and Role-Based Controls	Test Execute by: Do Quang
Description: Verify that booking action buttons display correctly based on user role and booking status with proper API integration	Test Execution date: 03/11/2025
Pre-conditions: User has bookings with different statuses; Both owner and caretaker user types available	
Dependencies: N/A	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Test "View" button for all bookings	Click "View" button in Actions column	"View" button should be available for all bookings regardless of status/role	"View" button displays for all bookings and opens booking details modal	Pass	
2	Verify owner "Cancel" button conditions	Owner user with pending/pending payment/accepted booking	Cancel button should appear for owners with specific booking statuses	Cancel button shows for owner when status is pending, pending payment, or accepted	Pass	
3	Test caretaker "Accept" and	Caretaker user with pending	Accept and Decline	Accept and Decline	Pass	

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	"Decline" buttons	booking status	buttons should appear for caretakers with pending bookings	buttons display for caretaker when booking status is pending		
4	Verify caretaker "Confirm" button	Caretaker user with accepted booking status	Confirm button should appear for caretakers to mark service completion	Confirm button shows for caretaker when booking status is accepted	Pass	
5	Test owner "Pay" button functionality	Owner user with pending payment booking status	Pay button should appear and navigate to payment page with booking details	Pay button displays and navigates to /booking/payment with booking state	Pass	
6	Execute booking action API calls	Click Accept/Decline/Cancel/Complete buttons	Action buttons should call appropriate BookingAPI methods	Buttons call acceptBooking(), declineBooking(), cancelBooking(), completeBooking() APIs	Pass	
7	Verify API error handling	Simulate API error during booking action	Error should be caught and displayed to user via alert	API errors are caught and displayed using alert(err.message)	Pass	
8	Test booking list refresh after actions	Perform action and verify list updates	Booking list should refresh automatically	fetchBookings() is called after successful	Pass	

			after successful actions	API actions to refresh list		
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Post-conditions:

Booking actions execute successfully with proper role-based controls and API integration refreshing the booking list.

F. Payment

TC-F1 - Process Successful Payment

Test Case ID: TC-F1	Test Designed by: Chloe
Test Priority (Low/Medium/High): High	Test Designed date: 05/11/2025
Test Title: Process a successful payment	Test Execute by: Chloe
Description: Verify that a user can successfully pay for a booking and that the booking status is updated	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as Pet Owner; User has an existing booking with the status "PendingPayment"	
Dependencies: TC-A2 (Login), TC-E1 (Create Booking)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to the /bookings page	URL: /bookings	"My Bookings" page loaded	"My Bookings" page loaded	Pass	
2	Find the booking with "Pending Payment" status	N/A	Booking with a "Pay" button is visible	Booking with a "Pay" button is visible	Pass	
3	Click the "Pay" button	N/A	User is redirected to the /booking/payment page which shows booking details	User is redirected to the /booking/payment page which shows booking details	Pass	
4	Enter test payment details and Click "Complete Payment" button	Cardholder Name: test Card Number: 11111111111111 Expiry: 10/30	"Payment confirmed" shown and redirected to /bookings	"Payment confirmed" shown and redirected to /bookings	Pass	

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		CVV: 123	page after a few seconds	page after a few seconds		
5	Find the same booking	N/A	Status shows "Completed"	Status shows "Completed"	Pass	

Post-conditions:

1. The booking status is updated in the database to reflect a successful payment
2. A transaction record is created in the payments table

TC-F2 - Handle Cancelled Payment

Test Case ID: TC-F2	Test Designed by: Chloe
Test Priority (Low/Medium/High): High	Test Designed date: 05/11/2025
Test Title: Handle a user-cancelled payment	Test Execute by: Chloe
Description: Verify that if a user cancels the payment on the payment page, the booking status remains unchanged	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as Pet Owner; User has an existing booking with the status "PendingPayment"	
Dependencies: TC-A2 (Login), TC-E1 (Create Booking), TC-F1 (Steps 1-3)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Execute Steps 1-3 from TC-F1	N/A	User is on the "Payment" page	User is on the "Payment" page	Pass	
2	Click the back button	N/A	User is redirected back to the /bookings page	User is redirected back to the /bookings page	Pass	
3	Find the same booking	N/A	Booking status is still "PendingPay	Booking status is "PendingPay	Pass	

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			ment” and “Pay” button is visible	ment” and “Pay” button is visible		
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Post-conditions:

1. The booking status in the database remains as “PendingPayment”
2. No new transaction record is created

G. Service Management

TC-G1 - Create a New Service

Test Case ID: TC-G1	Test Designed by: Chloe
Test Priority (Low/Medium/High): High	Test Designed date: 05/11/2025
Test Title: Service Provider can add new service	Test Execute by: Chloe
Description: Verify a service provider can add a new service after they have completed their initial onboarding	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as a Service Provider; User has already completed onboarding	
Dependencies: TC-A2 (Login), TC-B1 (Set up service provider profile)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to user profile page	URL: /profile	User profile page loads	User profile page loads	Pass	
2	Click the “Add Service” button	N/A	“Add Service” modal is visible	“Add Service” modal is visible	Pass	
3	Click “Add” on the empty form	All fields empty	Error messages appears for all required fields	Error messages appears for all required fields	Pass	
4	Fill in all required service details	Service Type: Pet Walking Hourly/Daily Rate: 60 Locations: Lavender, Potong Pasir Available Days: Monday to Friday	The form fields accept the input	The form fields accept the input	Pass	
5	Click “Add”	N/A	“Add	“Add	Pass	

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			Service” modal closes	Service” modal closes		
6	Verify the new service is visible	N/A	User can see the newly added service under “Service(s) Provided”	User can see the newly added service under “Service(s) Provided”	Pass	

Post-conditions:

1. A new services record is created in the database, linked to the provider
2. The new service is publicly visible and searchable

TC-G2 - Edit an Existing Service

Test Case ID: TC-G2	Test Designed by: Chloe
Test Priority (Low/Medium/High): Medium	Test Designed date: 05/11/2025
Test Title: Service Provider can edit an existing service	Test Execute by: Chloe
Description: Verify a provider can update the details of a service they have already created	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as a Service Provider; At least one service exists	
Dependencies: TC-A2 (Login), TC-G1 (Create a New Service)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to user profile page	URL: /profile	User profile page loads	User profile page loads	Pass	
2	Find the “Pet Walking” service and click the edit icon	N/A	“Edit Service” modal is visible	“Edit Service” modal is visible	Pass	
3	Change the service rate	Rate: 30	Rate field updates to 30	Rate field updates to 30	Pass	
4	Click “Save”	N/A	“Edit	“Edit	Pass	

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			Service” modal closes	Service” modal closes		
5	Verify the change on the service list	N/A	User can see the updated service rate under “Service(s) Provided”	User can see the updated service rate under “Service(s) Provided”	Pass	

Post-conditions:

1. The services record is updated in the database with the new rate

TC-G3 - Delete an Existing Service

Test Case ID: TC-G3	Test Designed by: Chloe
Test Priority (Low/Medium/High): Medium	Test Designed date: 05/11/2025
Test Title: Service Provider can delete an existing service	Test Execute by: Chloe
Description: Verify a provider can permanently delete a service they offer	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as a Service Provider; At least one service exists	
Dependencies: TC-A2 (Login), TC-G1 (Create a New Service)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to user profile page	URL: /profile	User profile page loads	User profile page loads	Pass	
2	Find the “Pet Walking” service and click the delete icon	N/A	“Confirm Delete” modal is visible	“Confirm Delete” modal is visible	Pass	
3	Click the “Cancel” button	N/A	“Confirm Delete” modal closes	“Confirm Delete” modal closes	Pass	
4	Click the delete	N/A	“Confirm	“Confirm	Pass	

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	icon of the “Pet Walking” service again		Delete” modal is visible	Delete” modal is visible		
5	Click the “Delete” button	N/A	“Confirm Delete” modal closes	“Confirm Delete” modal closes	Pass	
6	Verify the service is gone	N/A	“Pet Walking” service is no longer visible under “Service(s) Provided”	“Pet Walking” service is no longer visible under “Service(s) Provided”	Pass	

Post-conditions:

1. The services record is deleted from the database

H. Pet Management

TC-H1 - Create a New Pet

Test Case ID: TC-H1	Test Designed by: Chloe
Test Priority (Low/Medium/High): High	Test Designed date: 05/11/2025
Test Title: Pet Owner can add new pet	Test Execute by: Chloe
Description: Verify a pet owner can add a new pet after they have completed their initial onboarding	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as a Pet Owner; User has already completed onboarding	
Dependencies: TC-A2 (Login), TC-B2 (Set up pet owner profile)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to user profile page	URL: /profile	User profile page loads	User profile page loads	Pass	
2	Click the “Add Pet” button	N/A	“Add Pet” modal is visible	“Add Pet” modal is visible	Pass	
3	Click “Add” on the empty form	All fields empty	Error messages appears for all required fields	Error messages appears for all required fields	Pass	
4	Fill in all required pet details	Pet Name: Doggo Species: Dog Breed: Beagle Age: 1	The form fields accept the input	The form fields accept the input	Pass	
5	Click “Add”	N/A	“Add Pet” modal closes	“Add Pet” modal closes	Pass	
6	Verify the new pet is visible	N/A	User can see the newly added pet under “Pet(s) Owned”	User can see the newly added pet under “Pet(s) Owned”	Pass	

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Post-conditions:

1. A new pets record is created in the database, linked to the owner

TC-H2 - Edit an Existing Pet

Test Case ID: TC-H2	Test Designed by: Chloe
Test Priority (Low/Medium/High): Medium	Test Designed date: 05/11/2025
Test Title: Pet Owner can edit an existing pet	Test Execute by: Chloe
Description: Verify a pet owner can update the details of a pet they have already created	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as a Pet Owner; At least one pet exists	
Dependencies: TC-A2 (Login), TC-H1 (Create a New Pet)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to user profile page	URL: /profile	User profile page loads	User profile page loads	Pass	
2	Find the “Doggo” pet and click the edit icon	N/A	“Edit Pet” modal is visible	“Edit Pet” modal is visible	Pass	
3	Change the name	Name: Doggy	Name field updates to Doggy	Name field updates to Doggy	Pass	
4	Click “Save”	N/A	“Edit Pet” modal closes	“Edit Pet” modal closes	Pass	
5	Verify the change on the pet list	N/A	User can see the updated pet name under “Pet(s) Owned”	User can see the updated pet name under “Pet(s) Owned”	Pass	

Post-conditions:

1. The pets record is updated in the database with the new name

TC-H3 - Delete an Existing Pet

Test Case ID: TC-H3	Test Designed by: Chloe
Test Priority (Low/Medium/High): Medium	Test Designed date: 05/11/2025
Test Title: Pet Owner can delete an existing pet	Test Execute by: Chloe
Description: Verify a pet owner can permanently delete a pet they own	Test Execution date: 05/11/2025
Pre-conditions: User is logged in as a Pet Owner; At least one pet exists	
Dependencies: TC-A2 (Login), TC-H1 (Create a New Pet)	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to user profile page	URL: /profile	User profile page loads	User profile page loads	Pass	
2	Find the “Doggo” pet and click the delete icon	N/A	“Confirm Delete” modal is visible	“Confirm Delete” modal is visible	Pass	
3	Click the “Cancel” button	N/A	“Confirm Delete” modal closes	“Confirm Delete” modal closes	Pass	
4	Click the delete icon of the “Doggo” pet again	N/A	“Confirm Delete” modal is visible	“Confirm Delete” modal is visible	Pass	
5	Click the “Delete” button	N/A	“Confirm Delete” modal closes	“Confirm Delete” modal closes	Pass	
6	Verify the pet is gone	N/A	“Doggo” pet is no longer visible under “Pet(s) Owned”	“Doggo” pet is no longer visible under “Pet(s) Owned”	Pass	

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Post-conditions:

1. The pets record is deleted from the database

Appendix A: Requirements Traceability

This matrix provides a high-level summary of the test coverage, mapping all functional requirements from the System Requirements Specification (SRS) to their corresponding test cases.

Requirement ID	Description	Test Case(s)
SRS 7.1.1	User Registration	TC-A1
SRS 7.1.2	User Login	TC-A2
SRS 7.1.3	Create/Edit User Profile	TC-B1, TC-B2, TC-B3, TC-B4
SRS 7.2.1	Create/Edit Pet Profile	TC-B2, TC-H1, TC-H1, TC-H3
SRS 7.3.1	Service Search	TC-C1
SRS 7.3.2	Display Profile	TC-B3
SRS 7.4.1	Booking	TC-E1
SRS 7.4.2	View Bookings	TC-D1, TC-E1
SRS 7.4.3	Modify/Cancel Booking	TC-E2
SRS 7.5.1	Payment	TC-F1, TC-F2
SRS 7.5.2	Manage Services	TC-G1, TC-G2, TC-G3
SRS 10.2	User/Provider Dashboard	TC-D1, TC-D2