

University of Cebu-Banilad

College of Computer Studies

IT-ELDROID 1

Lec- 4:30-5:30 PM

Lab- 1:30-4:30 PM

Pawsitive Vibes Pet Supplies

Submitted by:

Chiara Marie Canque

Josephus Llinard Dela Cuesta

Fretch Barbie Hugo

Jessalyn Sadili

Roger Labastera Jr.

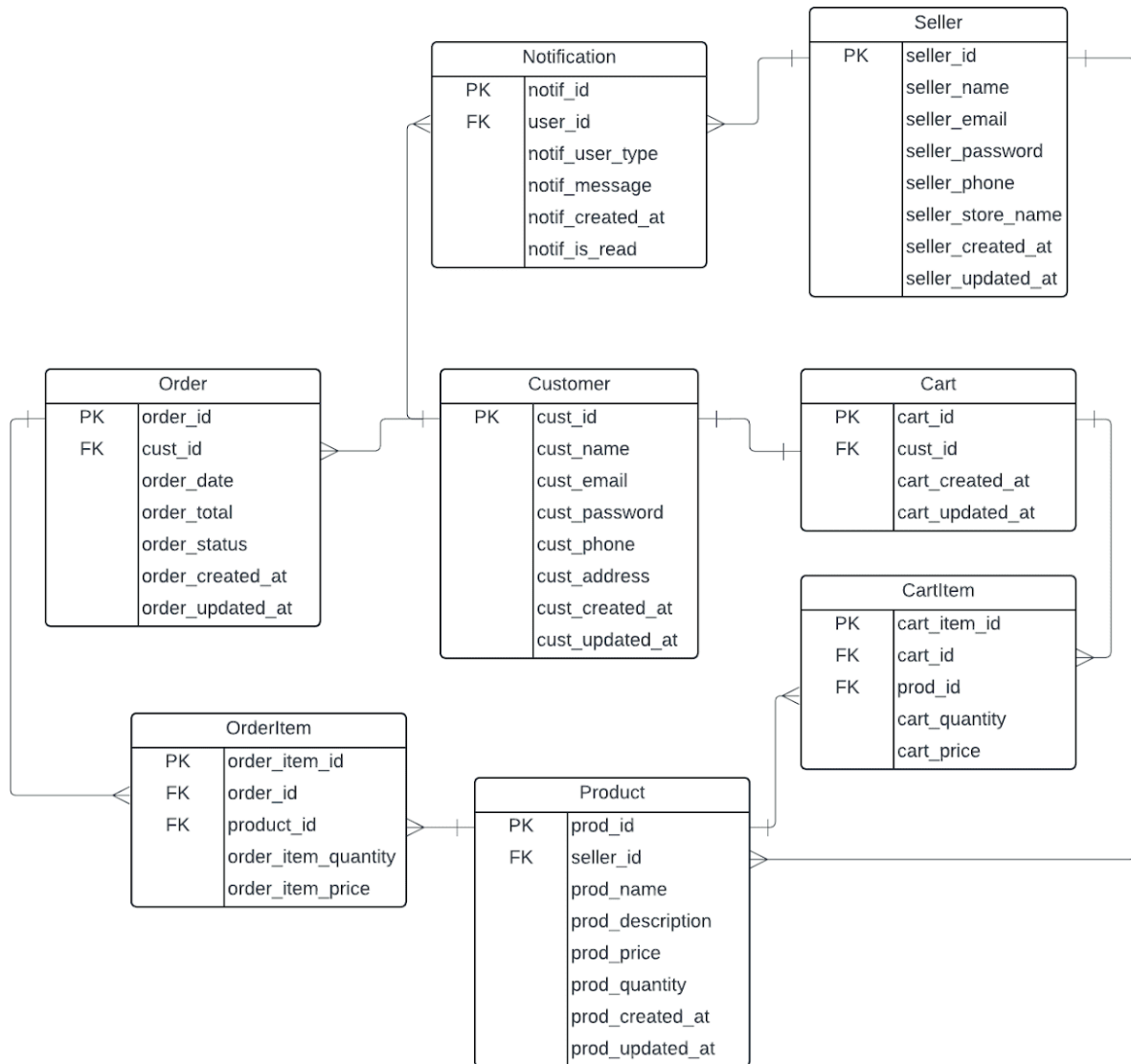
Submitted to:

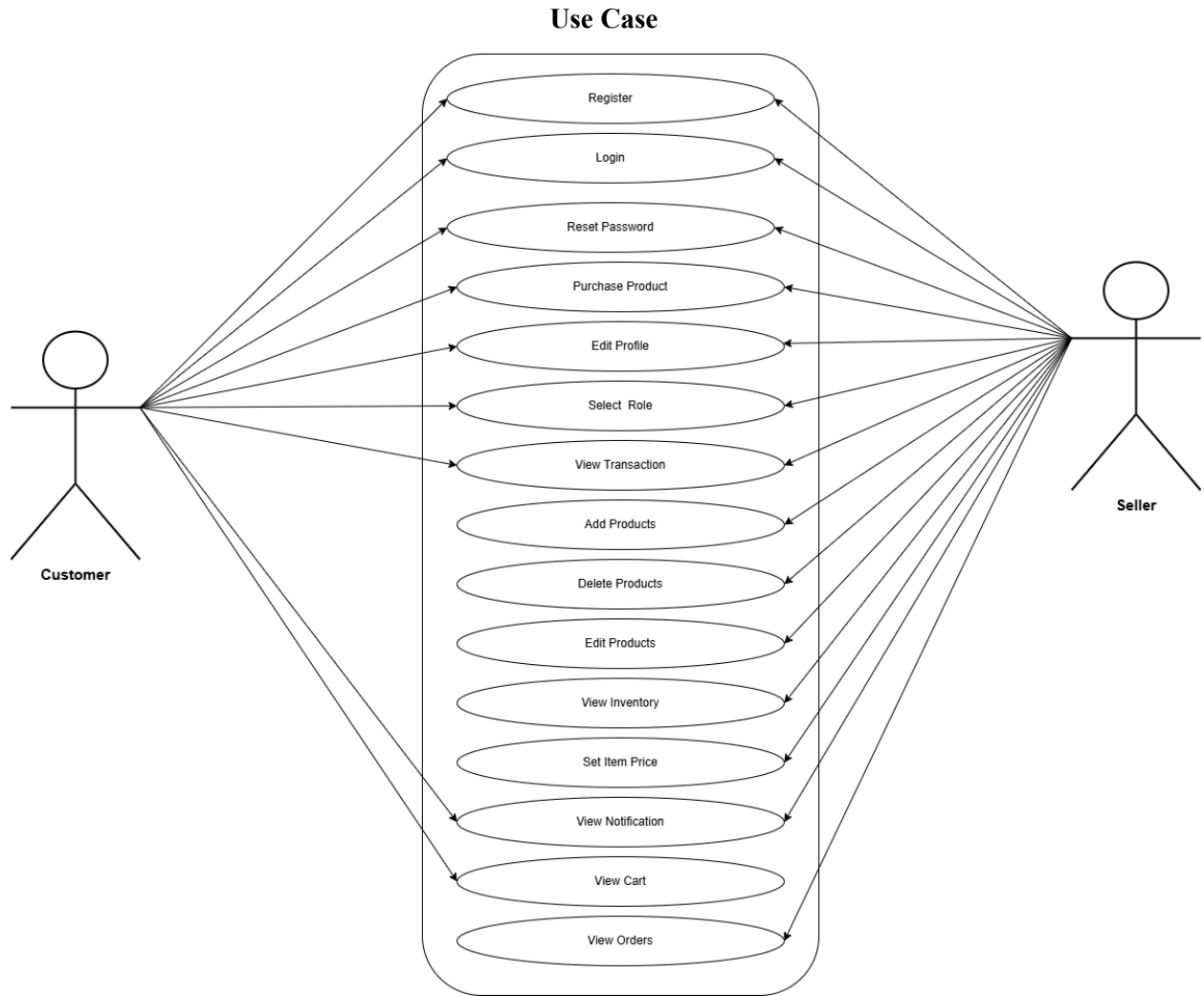
Mr. Richyll Son

Overview

Pawsitive Vibes Pet Supplies is an innovative and user-centered mobile application, developed to cater to the growing needs of pet owners and pet supply vendors alike. This comprehensive platform offers a seamless digital shopping experience for pet enthusiasts, bringing together a diverse selection of products tailored for dogs, cats, and reptiles, with easy navigation to explore, filter, and find items. The app's core objective is to streamline the pet supply shopping process, making it convenient and enjoyable for customers, while also empowering vendors with efficient tools to manage their offerings. The application provides an intuitive interface for both customers and sellers. The customer journey begins with a simple yet secure login and registration process, leading to a robust dashboard where users can effortlessly browse products, access categories, and view curated sections like "Popular Products." Each product listing is enriched with detailed descriptions, images, and pricing, ensuring transparency and aiding informed purchasing decisions. With a user-friendly cart and checkout system, customers can easily adjust quantities, choose their preferred payment methods, and select delivery options, optimizing their shopping experience to fit individual needs. For vendors, Pawsitive Vibes Pet Supplies includes a specialized Seller Dashboard designed to facilitate efficient inventory management and order processing. Vendors can add, edit, and categorize products seamlessly, monitor sales trends, and handle customer orders with real-time notifications, ensuring that they can meet demand promptly and maintain high standards of service. The platform's bottom navigation bar further supports easy access to key areas like orders, notifications, and settings, enhancing overall operational efficiency. The application also features a role-based structure, allowing users to select their role (Customer or Seller) upon registration. Customers can enjoy a personalized shopping experience, track order statuses, and receive timely notifications on order progress and promotions, while vendors are empowered with tools to manage their online presence and business activities effectively. Moreover, the app's integration of flexible payment options, delivery scheduling, and a dedicated support system underscores its commitment to user satisfaction. Through continuous updates and user feedback, Pawsitive Vibes Pet Supplies remains dedicated to fostering a reliable and enjoyable environment for all users, enhancing the accessibility of quality pet supplies, and strengthening the connection between pet owners and the care products they trust. Pawsitive Vibes Pet Supplies is more than a marketplace—it's a community-driven platform that prioritizes quality, convenience, and reliability, providing an exceptional experience for pet owners and vendors alike in a dynamic, pet-centered digital space.

Entity Relationship Diagram





Database Design

Customer		Seller	
cust_id	int	seller_id	int
cust_name	varchar(225)	seller_name	varchar(225)
cust_email	varchar(225)	seller_email	varchar(225)
cust_password	varchar(225)	seller_password	varchar(225)
cust_phone	varchar(225)	seller_phone	varchar(225)
cust_address	varchar(225)	seller_store_name	varchar(225)
cust_created_at	datetime	seller_created_at	datetime
cust_updated_at	datetime	seller_updated_at	datetime

Order		OrderItem	
order_id	int	order_item_id	int
cust_id	int	order_id	int
order_date	date	product_id	int
order_total	int	order_item_quantity	int
order_status	varchar(225)	order_item_price	double
order_created_at	datetime		
order_updated_at	datetime		

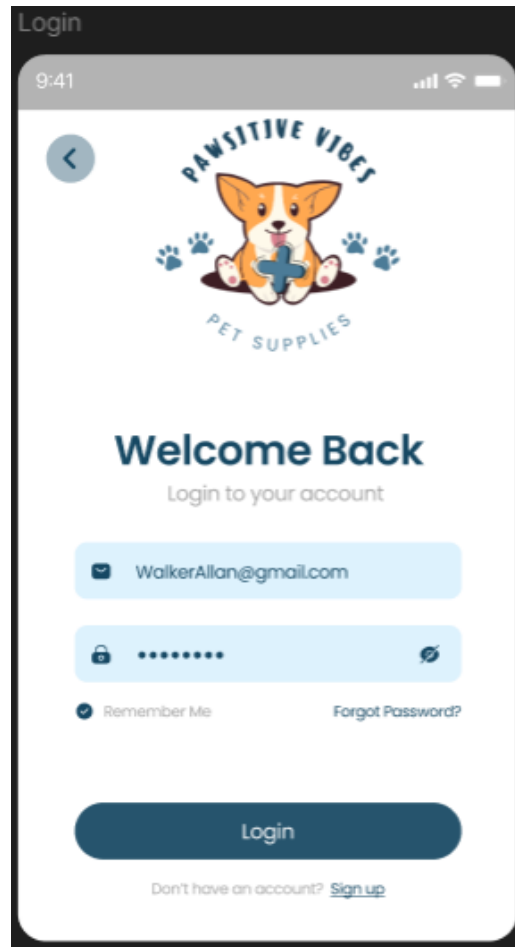
Cart		CartItem	
cart_id	int	cart_item_id	int
cust_id	int	cart_id	int
cart_created_at	datetime	prod_id	int
cart_updated_at	datetime	cart_quantity	datetime
		cart_price	double

Product		Notification	
prod_id	int	notif_id	int
seller_id	int	user_id	int
prod_name	varchar(225)	notif_user_type	int
prod_description	varchar(225)	notif_message	varchar(225)
prod_price	double	notif_created_at	datetime
prod_quantity	int	notif_is_read	boolean
prod_created_at	datetime		
prod_updated_at	datetime		

UI Design

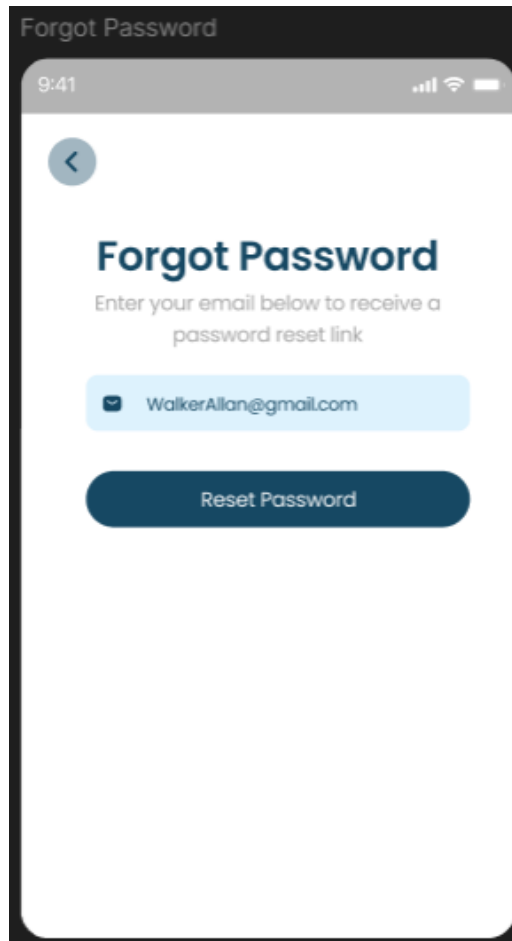
Splash Screen		
		
Name	Description	Parameter
App Logo	Pawsitive Vibes App Image Logo	src (image path)

Login Screen



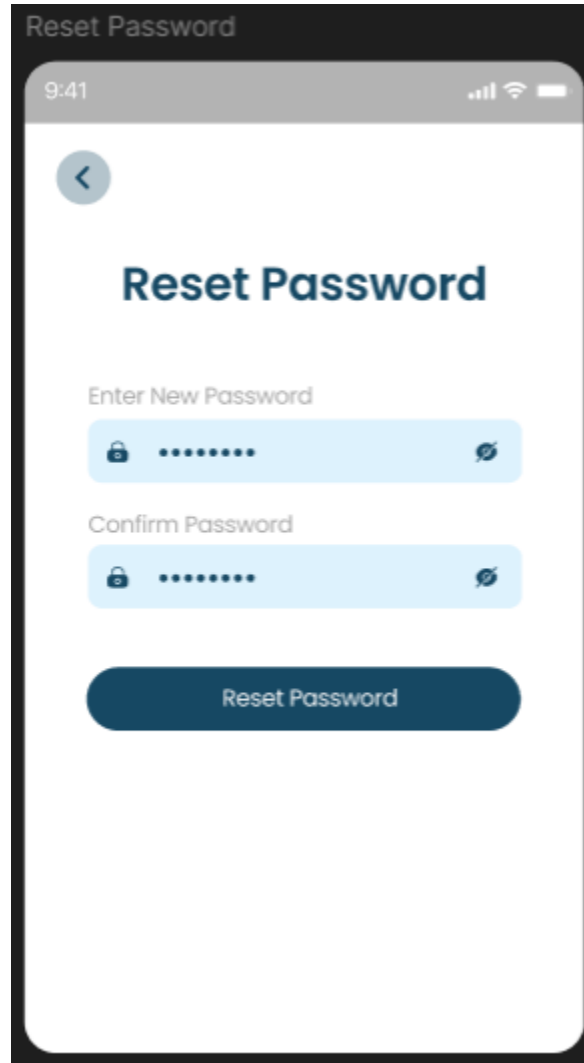
Name	Description	Parameter
App Logo	Pawsitive Vibes Image Logo	src (image path)
Welcome Text	“Welcome Back” Text Display	text
Instruction Text	“Login to your account” Text Display	text
Email Icon	Email Icon Display	src (icon image path)
Email	Email Input Edit Text	input[type=”email”]
Password Icon	Password Icon Display	src (icon image path)
Password	Password Input Edit Text	input[type=”password”]
Remember Me Checkbox	Remember Me Checkbox	type=”checkbox”
Forgot Password Text	Clickable “Forgot Password?” Text Display	href=”/forgot-password”
Login Button	Login Button	button[type=”submit”]
Sign Up Text	Clickable “Sign up” Text Display	href=”/signup”

Forgot Password Screen



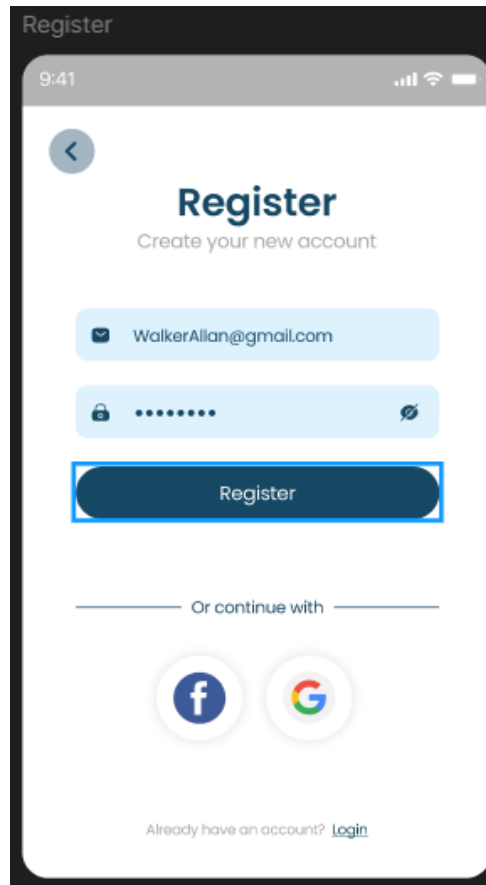
Name	Description	Parameter
Back Button	Back Button to Return to Login	button[type="button"] or href="/login"
Forgot Password Text	"Forgot Password" Text Display	text
Forgot Password Text Description	Forgot Password Description Display	text
Email Icon	Email Icon Display	src (icon image path)
Email Input Field	Email Input Edit Text	input[type="email"]
Reset Password Button	Reset Password Button	button[type="submit"]

Reset Password Screen



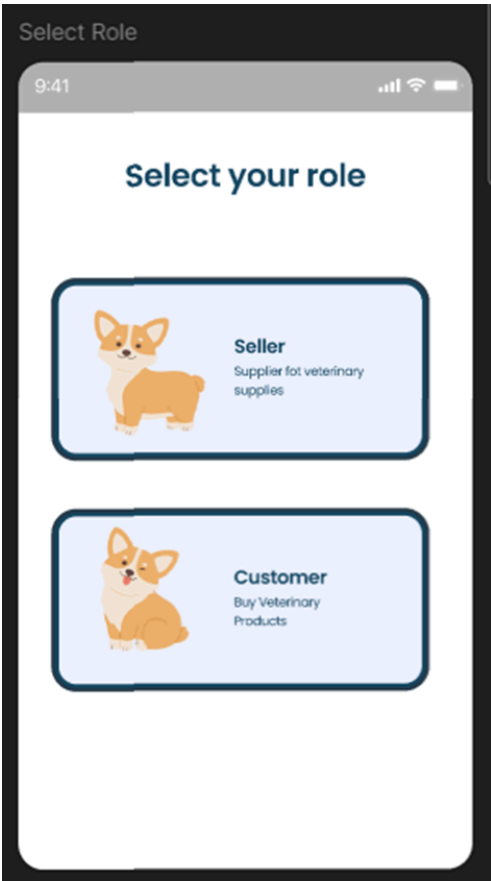
Name	Description	Parameter
Back Button	A button to navigate back to the previous screen	button[type="button"] or href="/return"
Reset Password Text	"Reset Password" Text Display	text
New Password Text	New Password Text Display	text
New Password Input Field	New Password Input Edit Text	input[type="password"]
Confirm Password Text	Confirm Password Text Display	text
Confirm Password Input Field	Confirm Password Input Edit Text	input[type="password"]
Reset Password Button	Reset Password Button	button[type="submit"]

Register Screen

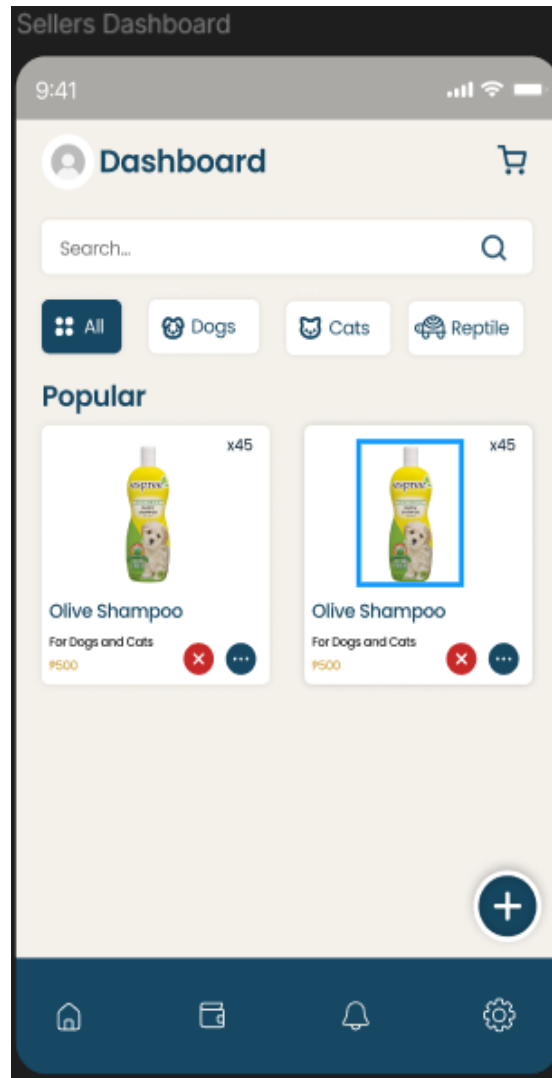


Name	Description	Parameter
Back button	Back Button to Return to Login	button[type="button"] or href="/login"
Register Text	"Register" Text Display	text
Register Description Text	"Create your new account" below Register Text	text
Email Icon	Email Icon Image	src(image path)
Email Input Field	User input for email	input[type="text"]
Password Icon	Password Icon Image	src(image path)
Password Input Field	User input for password	input[type="password"]
Show/Hide Password Icon	Password Visibility Toggle Button	button
Register Button	Register Button to register user account	button[type="submit"]

Or Continue With Text	Divider Text Display for Social Login Options	text
Social Login Icon - Facebook	Facebook Login Button	
Social Login Icon - Google	Google Login Icon Button	
Login Link	Clickable Text Link to login screen	href="/login"

Role Selection Screen		
		
Name	Description	Parameter
Select Role Text	"Select your role" Text Display	text
Seller Role Button	Seller Role Image Button	src(image path)
Customer Role Button	Customer Role Image Button	src(image path)

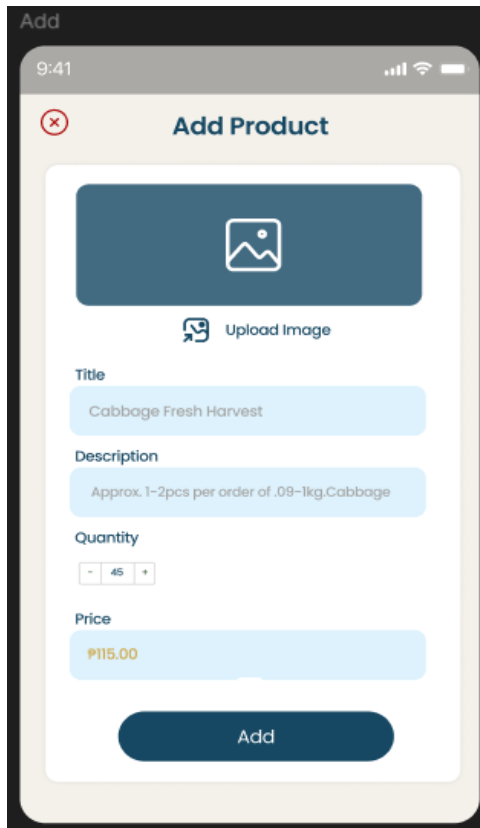
Seller Dashboard Screen



Name	Description	Parameter
Profile Icon	Profile Button to view profile details	button
Dashboard Title	Dashboard Text Display	text
Search Bar	Input field for searching products.	input[type="text"]
Category Filter - All	All Filter Button	button
Category Filter - Dogs	Dogs Filter Button	button
Category Filter - Cats	Cats Filter Button	button

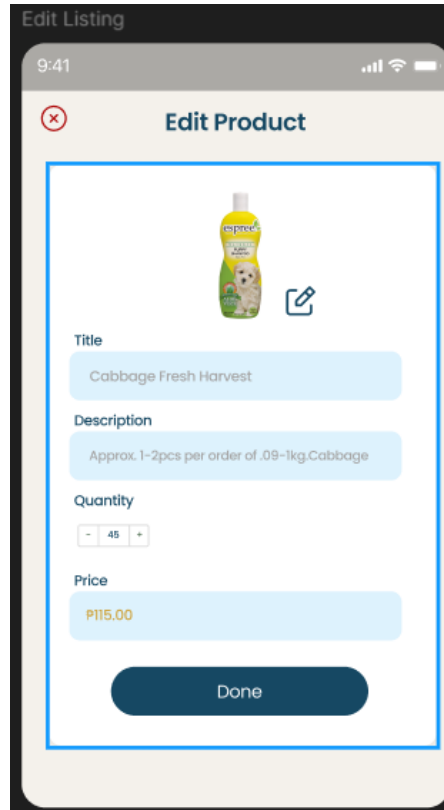
Category Filter - Reptile	Reptile Filter Button	button
Popular Products Title	Popular Products Section Title Text Display	text
Product Image	Product Image Display	src (image path)
Product Name	Product Name Text Display	text
Product Price	Product Price Display	text
Product Quantity	Product Quantity Display	text
Product Edit Button	Edit Button Icon	button
Product Delete Button	Delete Button Icon	button
Add Product Button	Button to Add New Product to the list	button
Bottom Navigation - Home	Button to return to the dashboard/home screen.	button
Bottom Navigation - Orders	Button to view Orders Screen	button
Bottom Navigation - Notifications	Button to view notifications	button
Bottom Navigation - Settings	Button to access app settings.	button

Add Product Screen



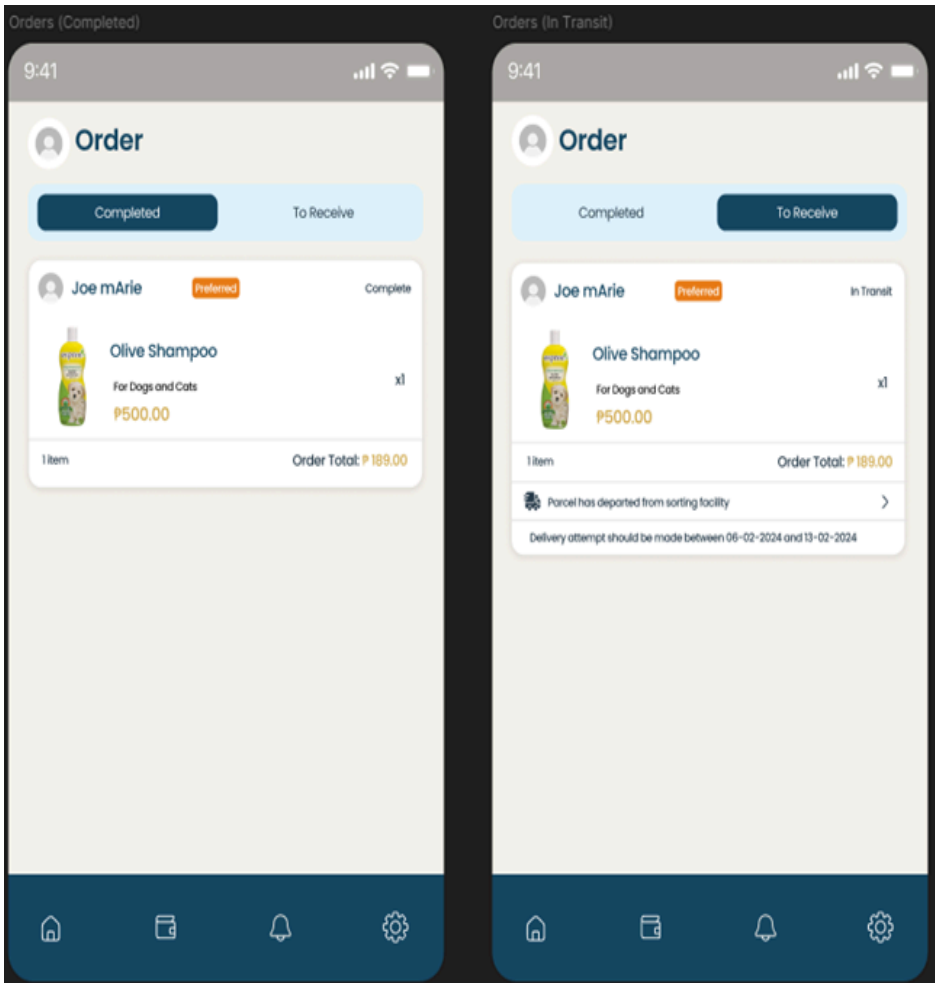
Name	Description	Parameter
Add Product Text	Add Product Text Display	text
Close Icon	Icon used as a button to close the add product screen.	button
Upload Image Placeholder	Placeholder for uploading product image	hint
Title Text	Product Title Label Text Display	text
Title Input Field	Input field for product title	input[type="text"]
Description Text	Product Description Text Display	text
Description Input Field	Input field for product description	input[type="text"]
Quantity Text	Quantity Text Display	text
Quantity Selector	Quantity Selector	input[type="number"]
Price Text	Price Text Display	text
Price Input Field	Input field for product price	input[type="text"]
Add Button	Add Product Button	button[type="submit"]

Edit Product Screen



Name	Description	Parameter
Edit Product	"Edit Product" Text Display	text
Close Icon	Icon used to close the edit product screen.	button
Product Image	Displays the uploaded product image	image
Edit Image Icon	Icon to change the product image	button
Title Text	Product Title Text Display	text
Title Input Field	Input field for editing product title	input[type="text"]
Description Label	Product Description Text Display	text
Description Input Field	Input field for editing product description	input[type="text"]
Quantity Text	Quantity Text Display	text
Quantity Selector	Input for editing product quantity	input[type="number"]
Price Text	Price Text Display	text
Price Input Field	Input field for editing product price	input[type="text"]
Done Button	Button to save changes	button[type="submit"]

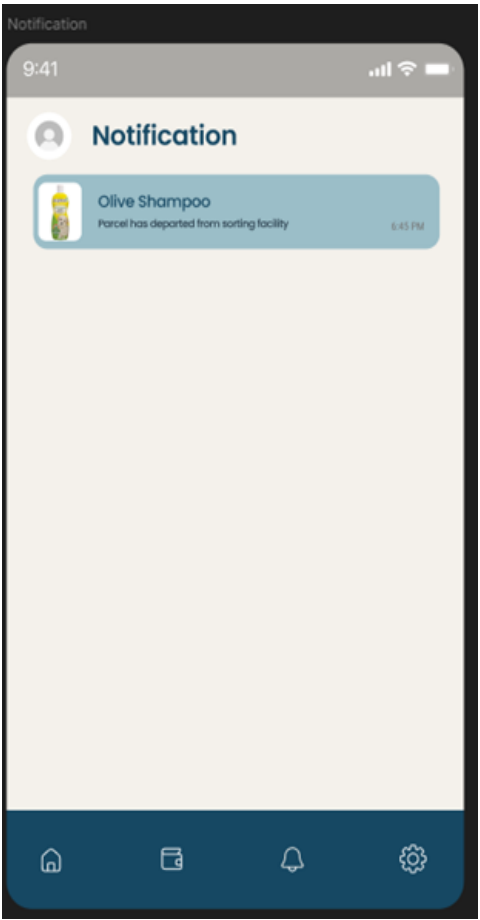
Order Screen



Name	Description	Parameter
Order Text	Order text display	text
Tab - Completed	Button to view completed orders	button
Tab - To Receive	Button to view orders in transit	button
User Profile Icon	Profile icon to view profile details	src (image path)
Username Text	Username displayed, e.g., "Joe mArie"	text
Preferred Badge	Badge with "Preferred" text	text
Order Status Text	Order status text (e.g., "Complete" or "In Transit")	text
Product Image	Image of the product (Olive Shampoo)	src (image path)
Product Name	Product name displayed, e.g., "Olive Shampoo"	text
Product Description	Description text for product	text
Product Price	Price of the product, e.g., "P500.00"	text

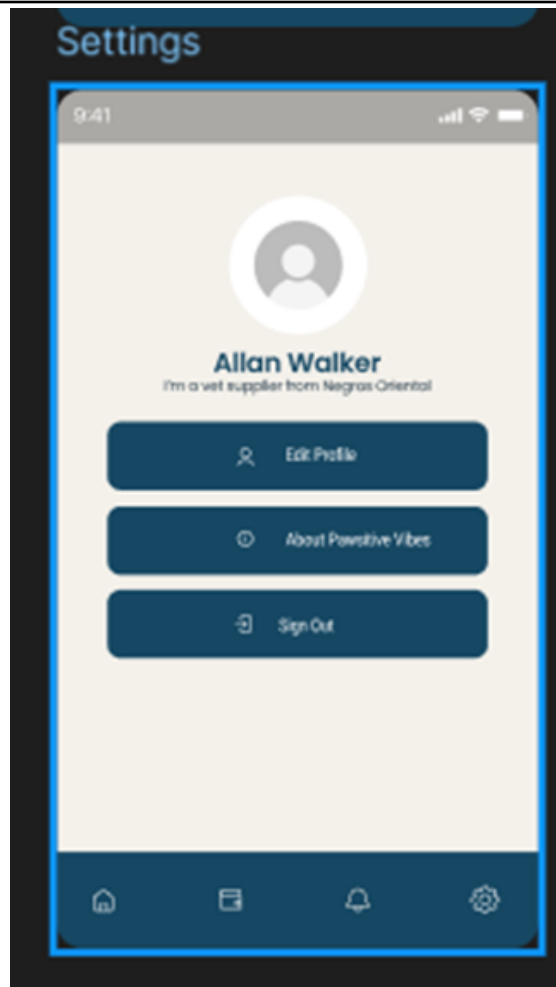
Item Count	Text displaying item quantity, e.g., "x1"	text
Order Total Text	Text displaying "Order Total"	text
Order Total Amount	Total amount, e.g., "₱189.00"	text
Item Count Summary	Summary of items, e.g., "1 Item"	text
Shipping Status Text	Text displaying parcel status (e.g., "Parcel has departed...")	text
Delivery Schedule Text	Expected delivery date text	text

Notification Screen



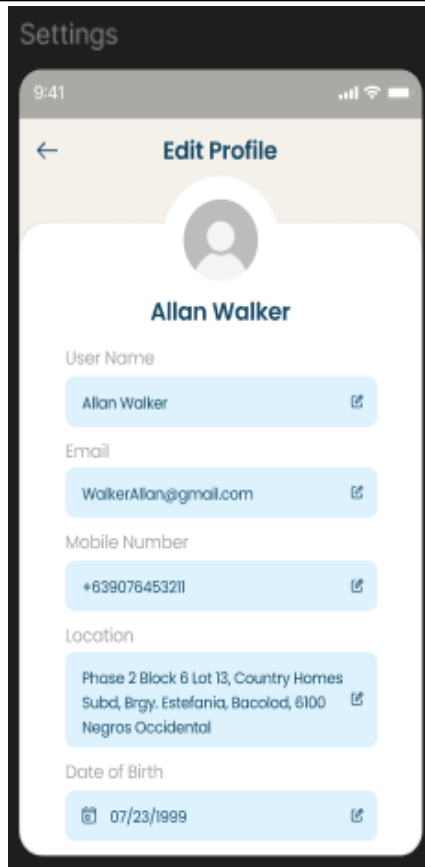
Name	Description	Parameter
Notification Text	"Notification" text display	text
User Profile Icon	Profile image at the top	src (image path)
Product Image	Image of the product (Olive Shampoo)	src (image path)
Product Name	Product name displayed, e.g., "Olive Shampoo"	text
Notification Text	Text displaying notification, e.g., "Parcel has departed..."	text
Notification Time	Time of notification, e.g., "6:45 PM"	text

Settings



Name	Description	Parameter
Profile Picture	User's profile picture display	src (image path)
User Name Text	Displays user's name	text
User Description Text	Brief info about the user	Text
Edit Profile Button	Button to navigate to Edit Profile screen	button
About Button	Button to navigate to About Us screen	button
Sign Out Button	Button to log out of the app	button

Edit Profile Screen



Name	Description	Parameter
Back Button	Back Button to return to the previous screen.	button
Edit Profile Text	Edit Profile Text Display	text
Profile Picture	User's profile picture display	src(image path)
Username Text	Text label for Username	text
Username Input	Editable input field for Username	input[type="text"]
Email Text	Email Text Display	text
Email Input	Editable input field for Email	input[type="email"]
Mobile Number Text	Text label for Mobile Number	text
Mobile Number Input	Editable input field for Mobile Number	input[type="tel"]
Location Text	Location Text Display	text
Location Input	Editable input field for Location	input[type="text"]
Date of Birth Text	Date of Birth Text Display	text

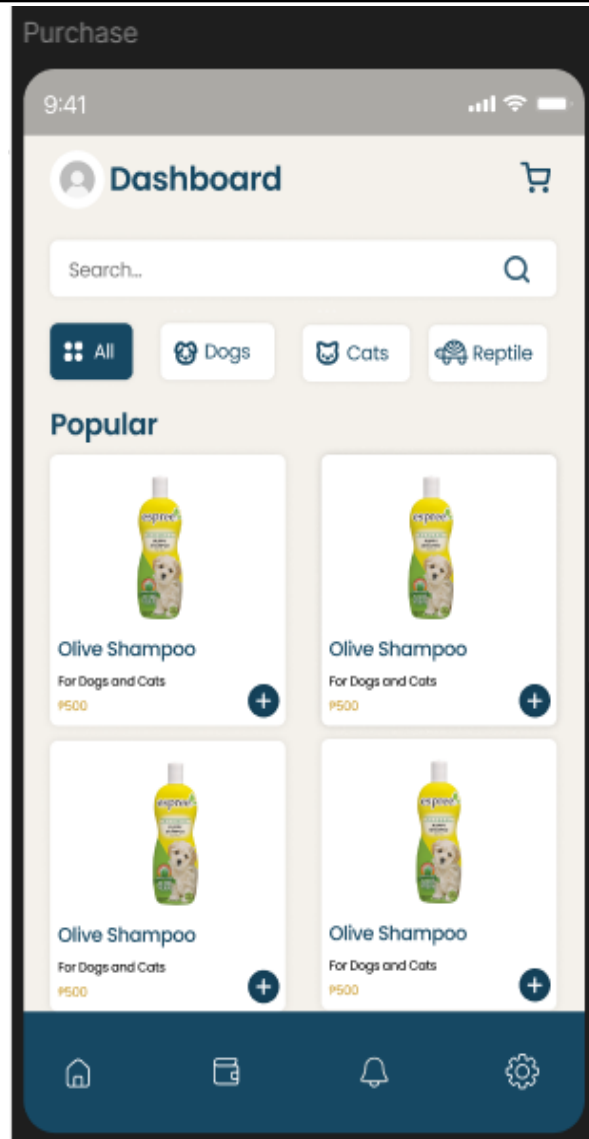
Date of Birth Input	Editable input field for Date of Birth	input[type="date"]
---------------------	--	--------------------

About Us Screen



Name	Description	Parameter
Back Button	Back Button to Return to previous screen	button
About Us Text	"About Us" Text Display	text
App Logo	Logo for "Pawsitive Vibes Pet Supplies"	src(image path)
App Name	"Pawsitive Vibes Pet Supplies" Text Display	text
About Us Description Text	Description about the company	text

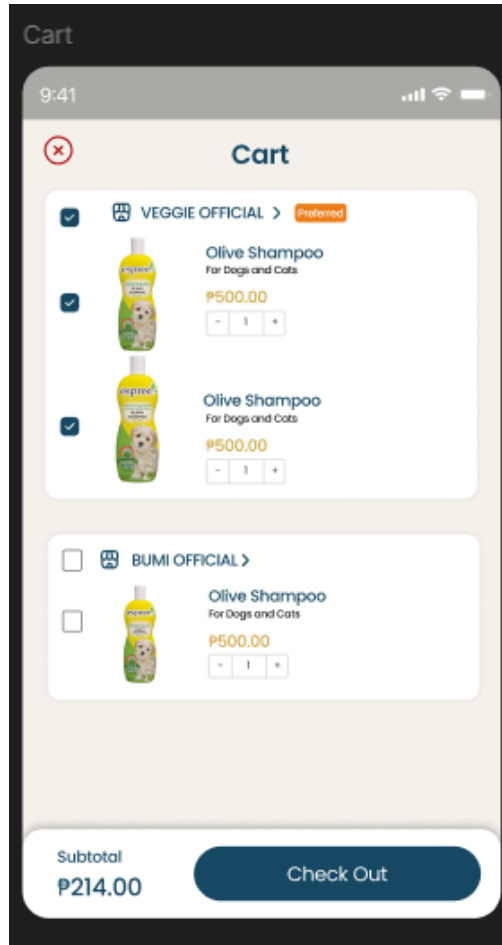
Dashboard Screen



Name	Description	Parameter
Profile Icon	Button to navigate to the user profile	button
Dashboard Text	"Dashboard" Text Display	text
Search Bar	Search input for finding specific products	input[type="text"]
Filter Button	Buttons to filter products based on categories (All, Dogs, Cats, Reptiles)	button
All Filter Button	Button to display all products	button
Dogs Filter Button	Button to display products specifically for dogs	button
Cats Filter Button	Button to display products specifically for cats	button
Reptile Filter Button	Button to display products specifically for reptiles	button

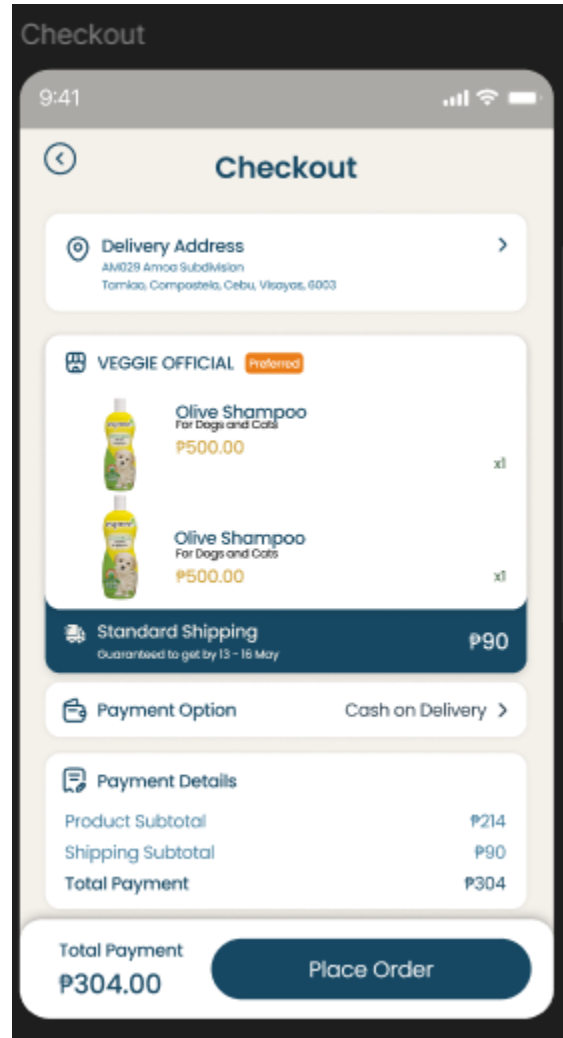
Popular Section Title	Title for the section displaying popular products	text
Popular Products Grid	Grid layout displaying popular products	grid
Product Card	Individual card displaying product information	card
Product Image	Image of the product	src(image path)
Product Name Text	Displays the product name, e.g., "Olive Shampoo"	text
Product Description Text	Short description of the product (e.g., "For Dogs and Cats")	text
Product Price Text	Displays the price of the product	text
Add to Cart Button	Button to add the specific product to the cart	button
Category Icons	Icons representing each category (Dogs, Cats, Reptile)	src(image path)
Bottom Navigation Bar	Navigation bar for moving between main app sections	navigation bar
Bottom Navigation -Home	Button to return to the dashboard/home screen	button
Bottom Navigation- Cart	Button to navigate to the shopping cart	button
Bottom Navigation -Orders	Button to view past orders	button
Bottom Navigation -Settings	Button to access app settings	button

Cart Screen



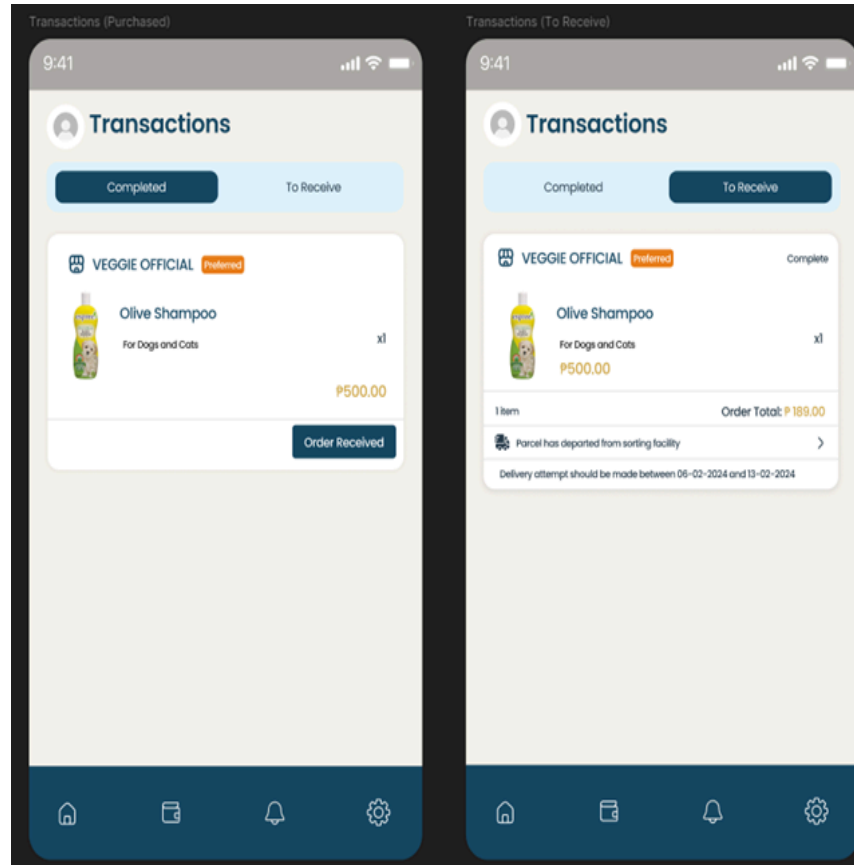
Name	Description	Parameter
Cart Text	Cart Text Display	text
Product List	List of selected products	list
Quantity Selector	Selector for adjusting product quantity	selector
Subtotal Text	Displays subtotal amount	text
Check Out Button	Button to proceed to checkout	button[type="submit"]

Checkout Screen



Name	Description	Parameter
Checkout Text	"Checkout" Text Display	text
Delivery Address Text	Displays selected delivery address	text
Product List	List of selected products	list
Standard Shipping	Text Displaying shipping date and shipping price	text
Payment Option Selector	Selector for choosing payment method	selector
Payment Details	Displays payment breakdown (subtotal, shipping)	details
Place Order Button	Button to finalize the order	button[type="submit"]

Transactions Screen



Name	Description	Parameter
Profile Image	User Profile Image Display	image
TransactionsText	"Transactions" Text Display	text
Tab Completed	"Completed" tab button to switch transaction categories	button
Tab To Receive	"To Receive" tab button for pending transactions	button
Store Logo	Store icon for the vendor in the transaction card	image
Store Name Text	"VEGGIE OFFICIAL" displayed as the store's name	text
Preferred Badge	Orange badge with "Preferred" text	badge
Product Image	Image of "Olive Shampoo" product	image
Product Name Text	"Olive Shampoo" displayed as the product name	text
Quantity Text	Text displaying quantity (e.g., "x1")	text
Product Description Text	Short description "For Dogs and Cats"	text
Price Text	Product price, e.g., "P500.00"	text
Order Status Text	Order status, e.g., "Complete"	text
Order Button	"Order Received" button for user confirmation	text

Additional Info	Additional order details and estimated delivery info	text
Navigation Bar	Icons for Home, Orders, Cart, and Settings	navigation bar

Test Plan

TEST PLAN						
PROCESS	NO	TEST CASE	STEP	DESCRIPTION	STATUS	EXPECTED RESULT
Enter the Link	1	Pawsitive Vibes	1	Enter the system's link. Access and execute the initial procedure.	pending pending	You will be taken to the app by the browser. Identify the primary action.
Login	2	Login				
			1	Click the "Login".	pending	The user will be sent to the login.
			2	Enter the gmail/username.	pending	Enter gmail/username.
			3	Enter password	pending	Enter password.
			4	To login, click the login button.	pending	click the login button to login your account
Register	3	Register				
			1	Enter email/username	pending	The register will be displayed to the customer.
			2	Enter the password.	pending	Once you enter the password you going to register it.
			3	Choose an Category (Facebook)	pending	Add Category for register which is facebook.
			4	Choose a Category (Gmail).	pending	Add Category for register which is gmail.
			5	To register, click the register button.	pending	Click the register button to register it.
Select	4	Select Role				
			1	Click "Seller" as your role	pending	User will proceed to the seller site
			2	Click "Customer" as your role	pending	User will proceed to the customer site
Forgot	5	Forgot Password				
			1	Enter "Gmail" to reset password.	pending	User will go to the gmail
			2	Click "Forgot Password" button.	pending	The user will be sent to the forgot password in gmail.
Reset	6	Reset Password				
			1	Enter new "password"	pending	In the field, enter the new password to reset.
			2	Enter confirm "password"	pending	Enter the confirm password to reset.
			3	Click the "reset password" button	pending	Click the reset password button to reset the password.
Purchase	7	Purchase dashboard				
			1	Dashboard all products are there	pending	Can you buy some product
			2	Search what you want to purchase	pending	Can you search anything want you want
			3	Click the plus button to purchase	pending	already add to the checkout cart
Cart		Cart dashboard				
			1	After you purchase the product on the dashboard you can see in the cart	pending	All the items that you purchase well see in the cart
			2	Click "Checkout" to place order	pending	Click the checkout to place your order
Checkout		Checkout dashboard				
			1	After you checkout the items on the cart you need to place the order	pending	All items that you checkout you need to place order
			2	To place order, click the place order button	pending	Once you're done placing your order it's all good to go
Transactions		Transaction Purchase				
			1	Once you complete your place order go to the transaction	pending	Once you done place order you can see your transactions purchase
			2	There's are completed & To received that you can see your transactions item's	pending	To locate the item's
Notification		Notification				
			1	Notification that you can see your item's is already ship	pending	Your item has already been shipped.
Setting		Setting				
			1	Click "edit" profile to edit your info there	pending	Click edit profile to update your information.
			2	Click "About FarmNook" all details and about us are there	pending	Once you click About farmnook you can see all the details and information about us.
			3	Click "signout" will be automatically signout	pending	Clicking "sign out" will automatically log you out.
Member						
Chiara Canque						
Josephus Cuesta						
Jessalyn Sadilli						
Fretch Hugo						
Roger Labastera						

Test Case

Date	Test Case ID	Title	Precondition	Test Steps	Test Data	Expected Result	Actual Result	Status	Remarks
	TC#1	Register Functionality Test	The user does not have an existing account	<ol style="list-style-type: none">1. Open the Pawsitive vibes Pet Supplies App2. Enter the valid email user@example.com3. Enter the valid password.4. Re-enter the password for confirmation.5. Click on the "Register" button.	Email: user@example.com Password: Pawsitive 123	User is successfully registered and redirected to the Login screen.	User is successfully registered and redirected to the Login screen.	Pass	N/A

	TC#2	Sign In Functionality Test	User must have a valid account	1. Open the Pawsitive vibes Pet app 2. Navigate to the Sign-In screen 3. Enter a valid email and password 4. Click on the "Sign In" button	Email: user@example.com Password: Pawsitive 123	User is successfully logged in and redirected to the Home screen	User is successfully logged in and redirected to the Home screen	Pass	N/A
	TC#3	Select Role Functionality Test	User must be signed in	1. From the Home screen, click on "Select Role" 2. Select the type of Seller or Customer	Image: Picture of the Seller or Customer	Select Role is successfully submitted, and the user is redirected to Registration Screen	Select Role is successfully submitted, and the user is redirected to Registration Screen	Pass	N/A
	TC#4	View Forgot Password Functionality Test	User must enter the email to reset the password	1. Click the "Reset Password" to reset the password	Enter Gmail to reset the password.	the user will be sent to the forgot password			

	TC#5	Reset Password Functionality Test	User must be enter the new password to reset	1. Enter the new password 2. Enter the confirm password 3. Click the “Reset Password” button	N/A	Password automatically reset			
	TC#6	Purchase Screen Test	User must purchase	1. Navigate to the Purchase screen 2. View all the product of the Pawsitive vibes Pet	The the product to purchase	The user must purchase the product already add to the checkout chart			
	TC#7	Checkout Test	User must be checkout the product	1. Navigate to the Checkout screen 2. Double check the product before click the “Checkout” button	To place your order click the checkout button	Once you're done placing your order it's all good to go			

	TC#8	Transaction Functionality Test	User must be able to view their transaction purchase	1. Once you received your product click the "Order Received"	During checkout, select different payment methods (credit card, PayPal, etc.).	Once you done place order you can see your transaction purchase The user should successfully confirm the order as "Received."			
	TC#9	Notification Test	User must have received notification	1. Navigate to the Purchase screen 2. View all the product of the Pawsitive vibes Pet	Verify that the correct error message and order number are displayed.	Notifications are displayed with relevant details			

Sequence Diagram

