Project Requirements Document (PRD)

Title: Pet Care Application

Overview:

This web application serves as a platform connecting pet owners and pet sitters. Pet owners can create care requests for their pets, while sitters can view and apply to these requests. The system allows for user registration, profile management, messaging between users, and the ability to leave reviews. Owners can manage their pets and care requests, including editing and deleting them, while sitters can track their applications and view assigned care. The app supports role-based dashboards, public profiles, and reminders for better interaction and coordination between users.

Goals & Objectives:

- Connect pet owners with reliable pet sitters.
- Allow pet owners to post care requests for their pets.
- Enable sitters to browse and apply for open care requests.
- Provide user roles with separate dashboards (Owner/Sitter).
- Let users manage profiles, pets, and care requests.
- Allow owners to accept or reject sitter applications.
- Support secure messaging between owners and sitters.
- Enable owners to leave reviews for sitters.
- Offer a public profile view with user and pet info.
- Ensure a responsive and intuitive user interface.

Target User

Pet Owners:

- Age Group: 20–60 years
- Includes students, working professionals, and families who own pets and occasionally need trusted caregivers.

Pet Sitters:

- Age Group: 18–40 years
- Includes college students, freelancers, animal lovers, or part-time workers interested in offering pet care services.

Features

Feature	Description	Priority
User Registration and login	Allow pet owners and sitters to sign up and login securely	High
Role based Dashboards	Custom dashboard views for pet owners and sitters based on their role.	High
Pet Management	Owners can add, edit and delete pet profiles	High
Care Requests	Owners can create care requests specifying pet, dates, and instructions	High
Request Applications	Sitters can view open requests and apply for them	High
Status Management	Owners can accept or reject sitter applications from their dashboard	High
Messaging system	Enables private communication between owners and sitters	Medium
Public Profiles	View user's profiles with optional contact or message buttons	Medium
Reviews and Ratings	Owner's can leave reviews for sitters after service completion	Medium
Responsive UI	Mobile- friendly design for accessing features across devices.	High

Functional Requirements

View Events

Data Displayed:

- Pet Name
- Care Description / Special Instructions
- Start & End Date
- Request Type (e.g., Walk, Overnight Stay, Feeding)
- Location (City/Area)

Database:

- Uses **SQLite** (via Django ORM) for storing and retrieving "CareRequest" objects.

Access:

- Only available to users with the **Pet Sitter** role.

Interface:

- Displayed in sitter dashboard as a list or card view.
- Includes a **"View Details"** button for each request.

Filter System

Filters Provided:

- **Pet Type:** Dog, Cat, Rabbit, etc.
- **Request Type:** Walk, Boarding, Feeding
- **Date Range:** Start & End date filter

UI Implementation:

- Dropdown filters or segmented buttons above the request list
- Optional **search box** to search by pet name or location

Benefit:

- Helps sitters **quickly narrow down** care requests based on their preferences and availability.

UI/UX Requirements

- Clean, mobile-first design
- 3 screens:
    - Home (Event list)
    - Event Details
    - Reminder Settings

Key Screens (Minimum 3 core pages):

1. **Dashboard (Home)**

   Separate views for:

   Pet Owners (Manage pets, requests, view sitter applications)

   Pet Sitters (Browse open care requests, track applications)

   Includes quick links to inbox, profile, and roles

2. **Care Request Details Page**

   Displays:

   Pet info (name, age, type)

Request duration and location

Owner instructions

Includes:

- **Apply Now** button (for sitters)
- **Status Management** (for owners)
- Links to pet profile and owner public profile

3. **Reminder Settings / Notifications**

Allows sitters to:

- Toggle reminders for accepted care tasks
- (Optional) Integration with email or calendar remainders

Provides confirmation and editable reminder options per care request.

Tech Stack

- Frontend: HTML, Tailwind, CSS
- Backend: Django, SQLite

Timeline

Task	Deadline
Requirement Finalization	Day 1
Design UI Wireframes	Day 2
Build Dashboard and Role views	Day 3
Implement Care Request System	Day 4
Add messaging, Status updates and profile pages	Day 5
Testing	Day 6
Final Touches & Documentation	Day 7

Success Criteria

- The dashboard loads and displays all relevant user-specific data (pets, care requests, applications).
- A pet owner can add, edit, and delete at least one pet and one care request successfully.
- A sitter can view open care requests and apply for at least one.
- Owners can update application statuses (Pending, Accepted, Rejected) via dashboard or detail page.
- Messaging between sitters and owners works with no delivery issues.
- Users can view public profiles with pets and leave/view reviews.
- Mobile-responsive UI across major views (dashboard, profile, care requests).
- No major bugs or crashes occur during functional testing.

Deliverables

- Working app
- Code (GitHub)
- Final Report (PDF with screenshots and features)