

MINI PROJECT – IS2106

PetvaxHub

Pet vaccination card computerize system

Group 26

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Requirement Gathering Document: **PetvaxHub**

1. Project Overview

1.1 Project Name: PetvaxHub

1.2 Project Description

Pet Hub is a website that helps pet owners keep track of their pets' vaccination details. It allows owners to register their pets, enter vaccination information, and receive reminders about upcoming vaccination dates.

1.3 Stakeholders

- Pet Owners
- Veterinarians
- Website Development Team
- Marketing Team

2. Business Objectives

2.1 Objective 1: Help veterinarians manage and monitor pets' vaccination schedules.

2.2 Objective 2: Provide a user-friendly platform for pet owners to track their pets' vaccination history.

2.3 Expected Outcomes: Improved pet health through timely vaccinations, increased user engagement on the website, and reduced risks of pets missing important vaccinations.

3. Functional Requirements

Requirement 1: User registration and login functionality.

Requirement 2: Pet profile creation, including details like name, species, breed, age, photo, etc.

Requirement 3: Ability to add vaccination details for each pet, including vaccine name, date of administration, and next due date.

Requirement 4: Automated message system to send reminders to pet owners about upcoming vaccination dates.

Requirement 5: Dashboard to view all pets and their vaccination status.

Requirement 6: Search functionality to find pets by name, owner or id.

Requirement 7: Ability to update and delete pet profiles and vaccination records.

4. Non-Functional Requirements

4.1 Performance:

The website should be responsive and able to handle multiple users simultaneously without significant slowdowns.

4.2 Scalability: The system should be designed to accommodate future growth in users and pets.

4.3 Security: Data encryption for sensitive information, user authentication, and secure message sending.

4.4 Compliance: Compliance with applicable data protection regulations (e.g., GDPR, CCPA).

4.5 Usability: The website should be easy to navigate for users with varying levels of technical expertise.

4.6 Reliability: Ensure high availability and minimal downtime for the website.

5. Constraints

5.1 Technical Constraints:

The website should work on various devices and browsers.

5.2 Business Constraints:

The project must be completed within a specified budget and timeframe.

5.3 Regulatory Constraints:

Compliance with animal health regulations and data protection laws.

6. Assumptions

- The project will primarily target pet owners and veterinarians.
- Users will have basic computer skills to interact with the website.

7. Dependencies

- Dependence on external services for sending SMS or email reminders.
- Potential integration with veterinary management systems or databases.