



Ali Veterinary Clinic & Shelter - Proposal & Development Plan

Project Manager: Muhammad Umar

Total Project Cost: RS 8000/_

Project Duration: 2-3 Weeks

Assigned Team: 3 Members

Start Date: [11-08-2025 , Thursday]

🔍 What Will the Client Be Able to Do With This System?

Will be able to perform following functions

1. Only one computer will operate.
2. The software will run on local environment (means the data will be stored in your PC).
3. On the dashboard, you will be shown all the basic stuff , remaining items alert , etc
4. Batch vise medicine management.
5. Able to add medicine
6. Able to add company
7. Selling management in a prominent way

1. Project Summary

This document outlines the development plan for a Ali veterinary clinic. The system will be developed using .NET and will support real-time single-user operations for managing a veterinary shop.

2. Rewritten Project Requirements

- *User Roles*

There will be only one user means only one computer will be operating.

- *Batch management*

- Add Batch
 - Retrieve the details of batch
- ***Company Registration***
- Add / Edit / Delete company
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- ***Medicine Management***
- Add/ Edit/ Delete Medicine
- ***Sale management***
- Make new sales
 - in sale interface (medicname , company , expirydate , selling quantity, sale price , available quantity , category , Packing) will be shown .

3. Timeline & Weekly Breakdown

(Project Timeline: 3 Weeks Detailed Breakdown)

Week 1: Project Setup & Access Control

- Configure project architecture using .NET and prepare a clean, modular structure following industry-standard design patterns.
- Set up **database schema** (tentatively on SQL).
- Implement a **secure login**.
- Develop basic UI layout to start visualizing the user journey.
- Design and build the **Management Module**, allowing addition of new medicines.
- Begin unit testing to ensure stable foundational components.

Explanation: This week lays the foundation of the project. By the end of the first week, we'll have the full project skeleton set up and you'll be able to log in as either an owner or staff member and start adding villas and rooms.

Week 2: Major Working

- Develop a module to **add and manage company profiles**, including personal \ details(company name , address , contact).
- Develop a module to add the medicine (medicine name , category , packing , minimum limit , saleprice ,)
- Implement **batch vise** entry to ensure smooth running of the software.
- Handle sales with printing options.
- Track **expiry** of the medicines.
- Alert for the products whose quantity is less than a specified limit.

Explanation: This week focuses on major part of the software in which batch management , sale management , etc will be done.

Week 3: Testing weak

- Conduct thorough **QA testing** to ensure all features are working correctly.
- Fix bugs and perform code optimization.
- Finalize documentation for system usage and credentials.
- Provide a demo walk-through of the platform.
- Final handover of all credentials, documentation, and project files.

Explanation: The final week is about polishing and delivering a production-ready solution.

4. Technologies Used

- **Framework:** .NET- for developing a secure, scalable, and high performance desktop based application.
- **Backend Language:** C# – for implementing robust server-side logic and APIs.
- **Database:** MySQL (for testing) – to manage and store relational data efficiently.
- **Hosting & Deployment:** Local computer.

5. Team Assignment

- Project Manager: Muhammad Umar
- Backend Developer & database designer: Nadir Jamal , Abdul Ahad Ilyas
- QA/Testing & server management: Nadir Jamal , Abdul Ahad

6. Payment Structure

Total Project Price: RS 8000/_

Payment Plan:

- Advance: RS 1000 /_(Before starting the project)
- Second installment: RS 5000/_ (After project completion)
- Third installment : RS 2000/_ (1 week after the delivery, just as a security if you are satisfied with the work).

Notes

- The technologies listed in the project scope are based on current understanding and best fit.
- However, depending on specific technical requirements or challenges that may arise during development, **the technologies might be adjusted** to ensure optimal performance and maintainability.
- **You will be informed in advance** of any such changes, and all decisions will be made with your approval.

Contact Info

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