Empowering Small-Scale Farmers with Digital Solutions

Manual paperwork slows farmers down

No centralized digital platform exists

Goal: Build an all-in-one farm management website

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Understanding the Market Gap

Complex solutions
Designed for large farms, hard for small farmers

Limited access
Affordable, easy tools are lacking

Fragmented tools
No unified system for crops, livestock, and resources

Why This Project Matters

☐ **Less paperwork**

Reduces manual tracking errors and time

☐ **Digital adoption**

Brings technology to small-scale agriculture

☐ **Increased productivity**

Better decisions from data and reminders

☐ **Stronger rural economies**

Optimized resource and output management

Key Project Objectives

User-friendly website

Simple, intuitive daily operation management

Crop & livestock data

Easy monitoring and organization

Resource tracking

Prevent waste, optimize usage

Automated reminders

Timely notifications for tasks

Chatbot support

Instant help for common questions

Report generation

Track progress, analyze results

Project Timeline Overview

Requirement Analysis — **1**

Week 1: Define farmer needs, features

2 — **Design Phase**

Week 2: UI/UX and website structure

Development Phase 1 — **3**

Weeks 3–5: Crop, livestock, resource mgmt

4 — **Development Phase 2**

Weeks 6–7: Chatbot, reminders, reporting

Testing & Deployment — **5**

Weeks 8–9: QA, bug fixes, user training

6 — **Documentation**

Week 10: Final report and user guides