# Project Synopsis

Project Name: **PetCare Hub**

Project Members:

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**Introduction of Project:**

Managing a multi-location veterinarian hospital requires a robust, centralized, and user-friendly software solution to ensure smooth operations, efficient workflows, and seamless customer experiences. To address this need, we have developed **PetCare Hub**, a comprehensive software platform designed to streamline the management of veterinary hospitals with multiple shops or locations.

Our software is built to cater to the needs of diverse user roles, ensuring clarity in responsibilities and secure access to information. From overseeing hospital-wide operations to managing shop-specific workflows, **PetCare Hub** offers features tailored for administrators, managers, doctors, receptionists, and clients.

**Objective of Project:**

To develop a centralized and efficient software solution for managing multi-location veterinarian hospitals, enabling streamlined workflows, secure role-based access, and seamless coordination among administrators, managers, doctors, receptionists, and clients. The system aims to optimize efficiency, enhance service quality, and support smooth collaboration across all locations.

**Scope of Project:**

The scope of this project involves developing a comprehensive software platform tailored for managing the operations of multi-location veterinarian hospitals. The software will cater to the needs of various user roles and ensure streamlined workflows and secure access to information. Key features and functionalities within the scope include:

1. **Centralized Administration**  
   A single Administrator to oversee and manage the entire system, including all shops/locations, user roles, and data  
   Ability to add and manage Managers, Doctors, Receptionists, and Clients across all locations
2. **Shop/Location Management**  
   Dedicated Managers for each shop/location, responsible for overseeing operations, managing staff, and ensuring smooth workflows
3. **Role-Based Functionalities**  
   Doctors can view and edit medical information for pets, with view-only access to non-medical details  
   Receptionists can view and edit non-medical pet information, generate bills, and have view-only access to medical details  
   Clients can access their and their pets' general information and avail services from any shop/location
4. **Data Security and Role-Based Access Control**  
   Ensuring that each user role has access only to the information and features relevant to their responsibilities
5. **Billing and Service Management**  
   Streamlined billing for services and products provided to clients
6. **Scalability and Flexibility**  
   The ability to add new shops/locations, roles, and functionalities as the hospital network expands
7. **User-Friendly Interface**  
   Intuitive and easy-to-navigate interfaces for each role to ensure high productivity and minimal training time

**Future of Project:**

1. Integration of advanced technologies such as AI for predictive pet health insights for real-time monitoring
2. Development of mobile applications to enhance client engagement through appointment booking, health tracking, and reminders
3. Expansion to support interconnectivity with third-party platforms like pharmacy management, laboratory systems, and pet insurance
4. Scalability to accommodate larger hospital networks and customization for specific needs
5. Multilingual support for global accessibility and serving diverse regions
6. Implementation of advanced analytics and reporting tools for better decision-making
7. Continuous enhancements to ensure the software remains a cutting-edge solution for veterinary care management