

# Final project proposal

## GITHUB REPO

<https://github.com/farahk2912/VetSetGo>

1. project name : VetSetGo
2. Project description : This platform provides an integrated hub for pet owners, designed to make pet care easier, more accessible, and more engaging. It facilitates seamless access to veterinary services, appointment booking. The platform also raises awareness about essential aspects of pet care including nutrition, training, and health through reliable resources and reminders. Beyond care, it fosters a community space where pet owners can connect, exchange experiences, and explore adoption or lost-and-found opportunities, ensuring pets find loving homes.

### 3 . Group members

Farah Khaled Gamal (team leader)

Malak Ahmed Mostafa

Jana Tamer Ahmed

Abdullah Ahmed Mahmoud

Omar Mohammed Mohammed

### 4. Team leader

Farah Khaled Gamal

### 5. objectives

To provide an integrated digital platform that supports pet owners in every aspect of pet care by facilitating access to veterinary services and pet supply stores,

raising awareness on nutrition, training, and health, and fostering a community for experience sharing, communication, and adoption opportunities.

## 6. Tools & Technologies

- HTML, CSS , bootstrap , javascript
- Node.js , express.js , React.js
- Design : Figma Design
- Deployment : Vercel

## 7. Milestones & Deadlines

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### Week 1: Project Setup, UI Design, and System Architecture

- Design application wireframes and prototypes using **Figma** (Home , pages ).
  - Set up project structure with **React.js** (frontend)
  - Deliverables:
    - Approved Figma design for all main pages.
    - Connected initial project structure.
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### Week 2: Implement Core Features

- Implement Feature Interactive Map → locate nearby veterinary clinics & hospitals ,
- Appointment Booking → schedule visits with veterinarians easily.
- Reminders & Alerts → vaccination dates, vet visits, and health check notifications.
- Pet Adoption & Lost/Found Section → browse or post pets for adoption; report lost pets.
- Community Forum → share experiences, tips, and connect with other pet owners. Communication System → built-in messaging between adopters and pet owners.

- Create **Pet Profiles** (add, view, edit pet details).
  - Deliverables:
    - Working system.
    - Functional pet profile management.
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### Week 3: Medical Records and backend Features

- Develop **Vet Dashboard** (view upcoming appointments, patient details, update medical records).
  - Add all **Backend** features with data for the pets
  - Deliverables:
    - Operational vet dashboard.
    - Medical record integrated.
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### Week 4: UI Enhancements, Testing, and Deployment

- Apply **Bootstrap 5** styling for a modern, responsive UI.
  - Perform **system testing** (unit, integration, and usability testing).
  - **Deploy** the VetSetGo app on **Vercel**.
  - Deliverables:
    - Fully responsive, polished UI.
    - Tested and debugged final version.
    - Deployed live VetSetGo application.
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### 8.KPIs

1. **Code Quality** – Maintain clean, modular, and well-documented code.
2. **UI/UX Design** – Ensure responsive, user-friendly, and consistent interface.
3. **Feature Completion** – Deliver all core modules on schedule ( Booking, etc.).
4. **System Performance** – Fast load times and smooth responses.

5. **Testing Coverage** – Achieve high success rate in functional and integration tests.
6. **Team Collaboration** – Effective communication and timely task updates.
7. **Deployment & Stability** – Successful deployment on Vercel with zero major bugs.

## **Conclusion**

The **VetSetGo** project aims to provide an efficient, user-friendly platform that bridges the gap between pet owners and veterinary services. By combining modern web technologies such as **React.js**, **Node.js** the application ensures a seamless experience for booking appointments, managing pet records, and enhancing communication with veterinarians. Through structured milestones, clear KPIs, and a focus on quality and usability, VetSetGo will not only serve as a comprehensive digital pet care solution but also demonstrate the team's ability to design, develop, and deploy a professional full-stack web application.