

Independent Project Plan:

1. Project Type:

I plan to develop a **personal project** that could later evolve into a freelance or volunteer opportunity. The goal is to build a simple but useful **web and mobile application for veterinary clinics**, aimed at helping users find nearby clinics and book appointments. This could also be applied later to a different kind of businesses

2. Project Idea:

The project is a **Veterinary Appointment App**, where users can:

- View a list of veterinary clinics with essential details (name, address, contact info, opening hours and location).
- Use a basic form to book appointments with a selected clinic.
- Add reminders to their calendars for upcoming vaccination or appointments
- In a later stage, view clinics on a map based on their current location.

3. Why this project?

- It solves a real-world problem by simplifying how pet owners connect with veterinary services.
- It aligns with my interests in combining technology with useful social applications.
- It gives me the opportunity to apply and expand my JavaScript knowledge in a full-stack project.
- It's scalable: I can start small and build up as I gain more skills in React, React Native, Firebase, and APIs.

4. Steps to Get Started:

- **Week 1-2:** Define the main features (clinic list, appointment form), sketch the wireframes, and decide on the tools (start with vanilla JS or React for web).
- **Week 3-5:** Build the front-end interface: display list of clinics with mock data and add a basic appointment form.
- **Week 6:** Connect the form to Firebase (or another simple backend) to store appointment data.

- **Week 7:** Add improvements: responsive design, better form validation, and potentially a basic admin dashboard for clinics.
- **Week 8+:** Optional upgrade to React Native to explore a mobile version, and integrate geolocation APIs.

5. Goal:

Have a functional Veterinary Appointment App by the end of eight weeks, including at least the ability to view clinics and book appointments. This will be added to my developer portfolio.

6. Future Possibilities:

Once completed, I may contact small veterinary clinics to offer the app as a free service (volunteer project) or as a freelance opportunity to customize it further.