1. Chosen Scenario (from Appendix 1)

The scenario i have choosen is the Pet Health and Wellness Tracker. The problem I am adresssing is that Alex, a dog owner, find it tough to keep track of his dog Max's health stuffs, like vet visits, shot dates, and walk times. Alex want an all-in-one app that watch over Max's health, send reminders for check-ups and play, and give easy tips on food and care. The app should let Alex log Max's past doctor visits, track his walks, and show simple ways to make him more happy.

    This scenario mean alot to me because i love my own pet and always worry i might forget something important, like a vet check. Its like how i use my phone reminders for my own tasks keeps everything in one place without stress. Target audiences range from new pet owners to old pros who love their pets, mostly dog lovers but open to other animals too.

2. Related Apps

App 1: PetDesk

Platforms hl=en$_U S$	Android: https://play.google.com/store/apps/details?id=com.locai.petpartner
	iOS: https://apps.apple.com/us/app/petdesk/id631377773
Strengths	• Easy to book appointments anytime • Good reminders that sync with your calendar • Add all your pet pros like vets in one spot
Weaknesses	• Sync sometimes mess up, like it miss doses • Cant delete old messages, they keep showing • Hard to add extra meds or notes
How your app will be different or offer more value	• Will fix sync so it update right away • Let users delete old stuff to keep it clean • Easy add for any meds and lots of notes

App 2: 11pets: Pet Care

Platforms hl=en$_U S$	Android: https://play.google.com/store/apps/details?id=com.m11pets.elevenpets
	iOS: https://apps.apple.com/us/app/11pets-pet-care/id1232470530
Strengths	- Tracks weight, vitals, and activities together - Share health info with vets quick - Sets reminders for meds and visits
Weaknesses	- Tricky to use at first - Updates sometimes lose old data - Extra pets need a paywall
How your app will be different or offer more value	- Simple main page anyone can use - No data loss from updates - Free for all pets you have

3. Initial Feature List

User Features:	Users can set up pet profiles and check health logs.
Core Features:	- Reminders for vet and shots - Track exercise and food - Log medical past and give care tips
UI Elements:	- Bottom nav bar - Home dashboard with pet stats - Calendar for schedules and progress

4. Learning Goals & Resources

Concept/Tool	Required Learning	Link to Resource
Reminders feature	Notifications	-
	Alarms	-
	WorkManager	-
Store pet data	Database setup	Use Room for Data Persistence Pathways
	Use Room for saving info	Store and access data using keys with DataStore
Enter and edit text details	State and recomposition	Intro to State in Compose
Display text	State hoisting	-
Save and store text		-
Access text across pages		-
Dashboard layout	Lists for logs	Lists and Grids
Nav bar	Navigation	Navigation in Compose
Buttons - onTap	Buttons	Create a Button