# LabSense

## Intelligent Personal Health Dashboard

Privacy, Clarity, and Control for Your Medical Data

# The Problem

*"Medical data is complex, fragmented, and often unintelligible."*

☒ Complexity Barrier: Lab reports are full of jargon and confusing numbers.

☒ Fragmented History: Records scattered across clinics and paper files.

☒ Privacy Concerns: Lack of trust in how health data is handled.

# The Solution: LabSense

A privacy-first, AI-powered health analytics platform.

☒ Intelligent Interpreter: AI explains "Why" a result is abnormal.

☒ Unified Timeline: Aggregates disparate reports into one view.

☒ Privacy by Design: HIPAA/DPDP compliant with End-to-End principles.

☒ Universal Ingestion: Photo-to-Data parsing for any lab report.

# Key Features

### AI-Powered Analysis

Instant, plain-English explanations.

### Dynamic Trend Tracking

Visualize health over years.

### Secure Storage

RLS & Audit Logging.

### Health Circles

Securely share data with family.

# Technology Stack

**Frontend:** Flutter (Web & Mobile)

**Backend:** Supabase (PostgreSQL, Auth, RLS)

**AI Engine:** Google Gemini 2.0 Flash

**Security:** Row Level Security & AES Encryption