DiagNote – AI-Powered Healthcare Mobile App

UI/UX Project Plan & Role Assignment

DiagNote is a mobile application designed to assist doctors, nurses, patients, and medical lab technicians (MLTs) in improving healthcare workflows. It leverages AI to summarize patient history, provide preliminary diagnosis suggestions, and streamline communication among stakeholders. This document outlines the planned features for each role, common functionalities, and team member assignments.

1. Common Features (All Roles)

• Registration & Login with role selection (Doctor, Nurse, Patient, MLT)

• Profile completion with personal and professional details

• Navigation Menu: Home, Messages, Notifications, Profile, Logout

• Secure authentication and role-based access control

Doctor Dashboard Features

• Search and view patient histories with AI-generated summaries

• Access AI preliminary diagnosis suggestions and edit/confirm

• Manage appointments and patient consultations

• Send/receive lab requests to/from MLTs

• Create and send prescriptions digitally

• View lab reports and urgent alerts

Nurse Dashboard Features

• View assigned patients and update vitals

- Manage appointments and check-ins

- Receive real-time doctor instructions

- Chat with doctors, patients, MLTs

- Receive emergency alerts and lab results

Patient Dashboard Features

- View personal AI-generated health summary

- Book and manage appointments

- Access lab results and doctor's notes

- View and manage prescriptions

- Use AI symptom checker for preliminary insights

MLT (Lab Technician) Dashboard Features

- View and manage lab test requests

- Upload test results with optional notes

- Track pending and completed reports

- Communicate with doctors and nurses

- Receive urgent lab request alerts

2. Role Assignments

The dashboard tasks have been divided among the 4 team members as follows:

Role

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Member	App	Responsibilities
Member 1	Doctor Dashboard	Design UI screens for doctor features, AI diagnosis, and patient management.
Member 2	Nurse Dashboard	Create nurse-specific dashboard screens and patient vitals update flow.
Member 3	Patient Dashboard	Design patient-side interface for appointments, health summaries, and prescriptions.
Member 4	MLT Dashboard & Common Features	Develop lab technician screens for managing test requests, uploading reports, and design shared features like login, registration, and navigation.

This combined document integrates the provided project plan. Since no additional content was accessible from "grok_report.pdf", the final version is based on "DiagNote_Project_Plan (1).pdf" with formatted enhancements for clarity.