

# AskMD Mobile Native Development

## 1. Project Objective

**Project:** AskMD (Mobile Phase)

**Objective:** Launch **AskMD** as a standalone consumer product for **iOS** and **Android**. Our goal is to migrate the successful Web MVP experience to a native mobile framework. The application will provide users with personalized health analytics, a Universal Insurance Card, and an AI-powered clinical consultant directly on their smartphones.

## 2. Current State & Technology Stack

The project has an “In Development” Phase I (Web MVP) application with infrastructure (Expected finalization Jan 2026):

- **Frontend:** Web application built with **Next.js** (Desktop & Mobile Responsive).
- **Backend:** Robust server-side architecture built on **Java**.
- **API:** Fully documented API, ready for mobile client integration. Some BE integrations may be required and will be covered by the current BE team.
- **Authorization & Security:**
  - **Auth0:** Centralized user identity and access management.
  - **Social Login:** Apple ID and Google Account authentication (already configured).
  - **JWT Auth:** Token-based mechanism for secure communication with the Backend.
  - **CLEAR:** Biometric identity verification integrated into existing workflows.

## 3. Existing Integrations (In-Scope for Migration)

The application leverages several complex external and internal services already integrated at the Backend/Web level:

- **Clinical Reasoning Chat:** Interaction with a healthcare-tuned LLM.
- **SelectDR:** Provider directory for smart matching of doctors and medical facilities.
- **Rx Prices:** Internal service for medication search and price comparison.
- **Flexpa:** EHR (Electronic Health Record) aggregator used to build the Personal Health Record (PHR).
- **RealAge Engine:** Proprietary health risk assessment system (questionnaires and reporting).

## 4. Scope of Work for Mobile

### 4.1. React Native Development

- Develop a cross-platform mobile application for iOS and Android using **React Native**.
- Complete feature parity migration from the Web version: Onboarding, Health Card, AI Chat, Provider Matching, PHR Dashboard, and RealAge.
- Support for Light/Dark modes and adherence to accessibility standards (**WCAG 2.1 AA**).

### 4.2. New Native Functionality

- **Health Services Integration:** Implement data collection of user vitals via **Apple HealthKit** and **Google Fit / Health Connect**.
- **Backend Synchronization:** Configure the transmission of collected data (steps, sleep, heart rate, etc.) to the existing Java Backend.
- **Native UI/UX:** Adaptation of **Figma designs** to the native platform will be done by the current design team in collaboration with the customer. Signed-off mobile designs should be ready before the active development phase.

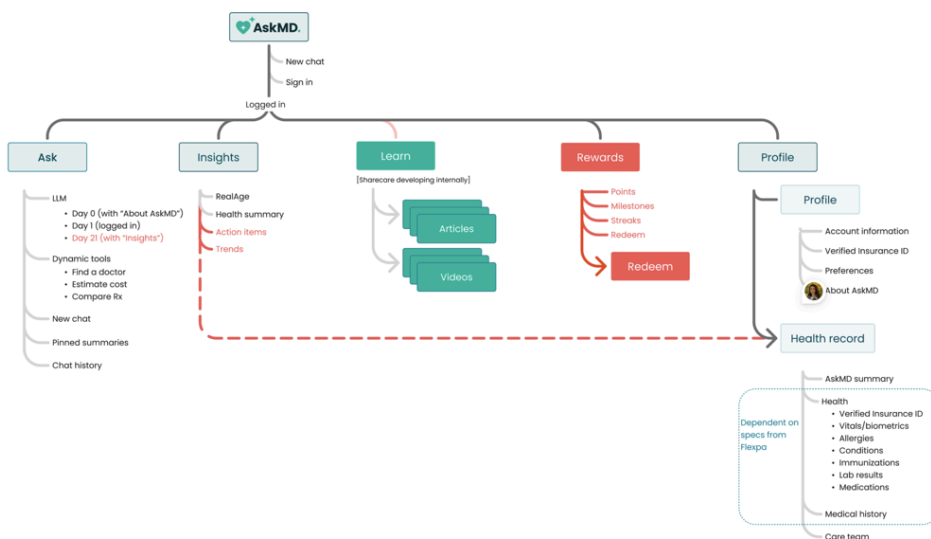
## 5. Non-Functional Requirements

- **Security: HIPAA compliance** (processing of Protected Health Information - PHI).
- **Offline Mode:** Data caching capabilities to allow PHR viewing without a stable internet connection.
- **Biometrics:** Integration of FaceID/TouchID for seamless authentication.

## 6. Existing Materials

- **Web application navigation Map**

- **AskMD sitemap**



- Actual Responsive Web Designs (Access is required)

[https://www.figma.com/files/1091496791063450750/project/478272388?  
fuid=1565703352242902965](https://www.figma.com/files/1091496791063450750/project/478272388?fuid=1565703352242902965)

- Platform requirement documentation (access is required) [Platform Requirements Documen](#)

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