Snap Vision

Deployment Model

Demo 4 – Updated Version

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1. Deployment Model

Component	Technology	Hosting
Mobile App	React Native	Downloadable APK
Backend	Firebase App Hosting	Deployed via Firebase
Authentication	Firebase Authentication	Firebase Authentication Service
Data Storage (POIs, Maps)	Firebase Storage	Firebase
CI/CD Pipeline	GitHub Actions	Will auto-deploy to Firebase on main branch

2. Live Deployed System

The Snap Vision system is deployed using a serverless architecture and will be accessible on Android devices through a bundled APK. The backend and data services are hosted entirely in the cloud to allow for real-time navigation and remote content updates.

3. Deployment Model Diagram