

A Mobile Contacts Alert System for the Visually Impaired and Blind

Problem Statement

- Almost 8 million Americans have a visual impairment
- Need Assistive Technology to locate nearby friends and colleagues

Our Solution

- FrienDetect automatically detects known contacts when they come into range and notifies the user

Use Cases

- Crowded and noisy indoor and outdoor environments (Conferences, Trade Shows)
- Areas where cellular connection is not available (Concerts)

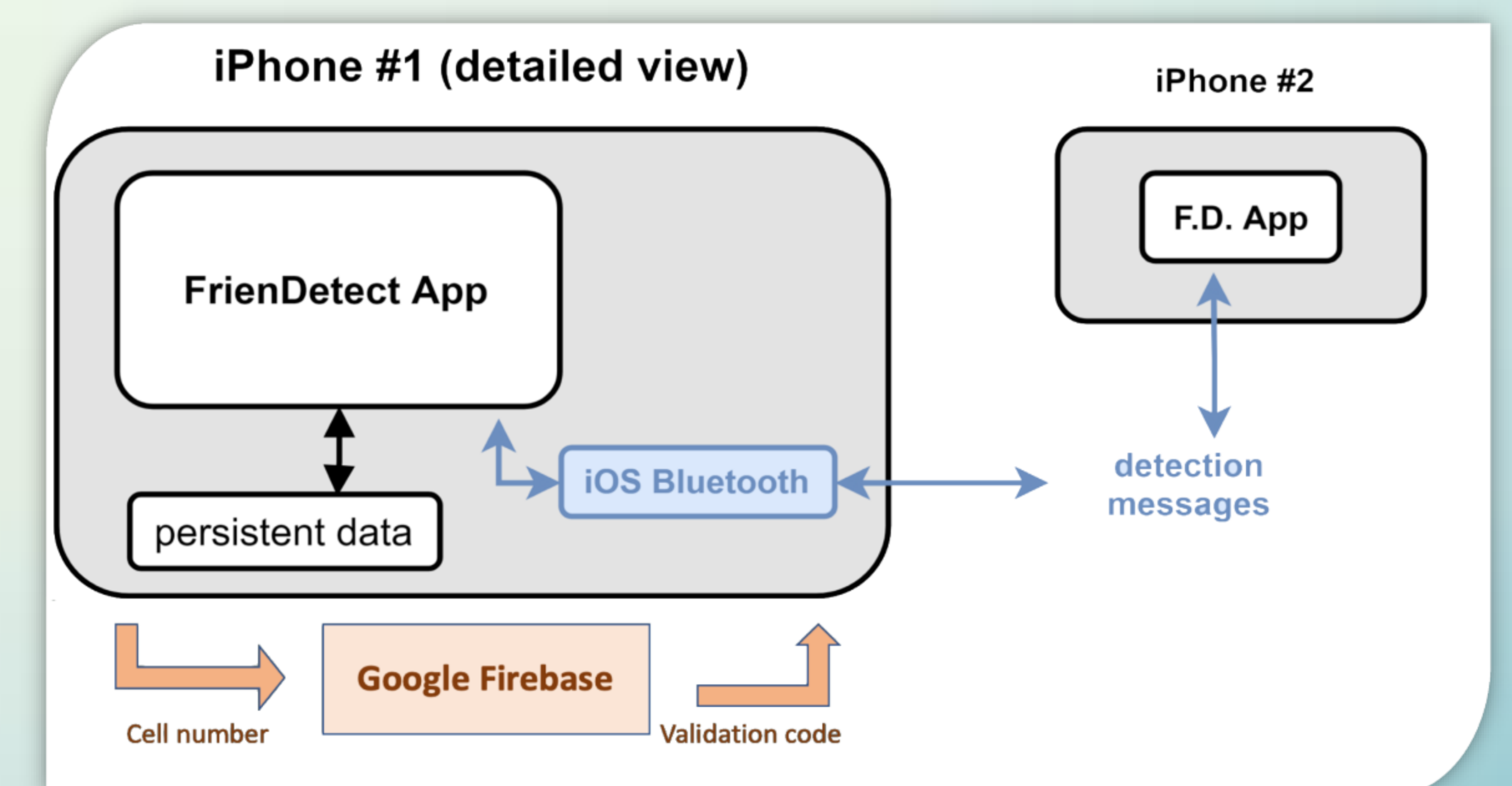
Features

- Range of ~60ft.
- Fast detection (< 3 sec)
- No cellular data usage
- Minimal battery usage
- Secure authentication
- Intuitive interface with no setup required
- VoiceOver compatible

User Interface



App Architecture



Team Members

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