

LiveBetter

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December 4, 2024

Statement of Purpose

Part I

- IOS application
- Personal medical manager allowing users to track:
 - Symptoms
 - Health measurements
 - Medications

Statement of Purpose

Part II

- LiveBetter is ...
 - Secure
 - User-friendly
 - Customizable

Problem Statement

Part I

- Current applications ...
 - Too complicated
 - Difficult for users to navigate
 - Lack customizability and organization
 - Lack features such as notes, medication log

Problem Statement

Part II

- These shortfalls reduce the number of users that can effectively use the application
- Therefore, missing out on the opportunity to take better control of their health

My Why

Project Motivation

- I live with a chronic neuro-immune disease, Autoimmune Autonomic Ganglionopathy (AAG)
- Lots of time spent in medical settings
- Lots of random, unorganized medical notes
- I am always seeking better ways to store and organize my medical info

LiveBetter Demo

Construction

Languages, Software, Hardware

- **Implementation Language:** Swift
- **Database:** SwiftData
- **Libraries:** SwiftUI
- **Software:** MacOS, Xcode, iPhone Simulator, Playgrounds (for learning)
- **Hardware:** Computer running MacOS

Challenges

- Learning Swift
- Implementing SwiftUI, SwiftData
- Xcode glitches
- Recent changes made by Apple prevents non-paid Apple Developer accounts from utilizing certain features

Future Enhancements

Part I

- Utilize HealthKit for optional synchronization of health data
- Utilize Firebase for login credential authentication
- Utilize FaceID/TouchID
- Improve UI and overall look of application
- Search bar and sort options for each tab view

Future Enhancements

Part II

- Additional features:
 - Appointment/medication alerts and reminders
 - Lifestyle log (track activity, step count, food, hydration, etc.)
 - Appointment voice recordings or AI generated written notes
 - Convenience features

Questions?