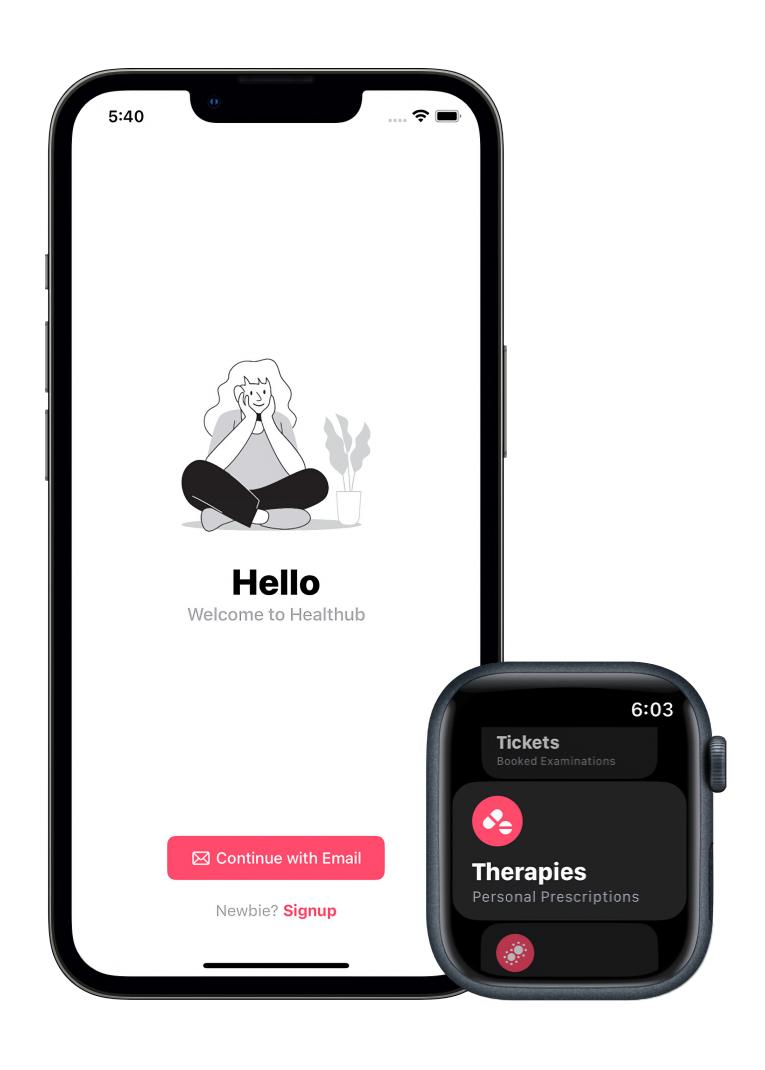


Healthub

Dario Crippa Giovanni Dispoto

Introduction



Purpose

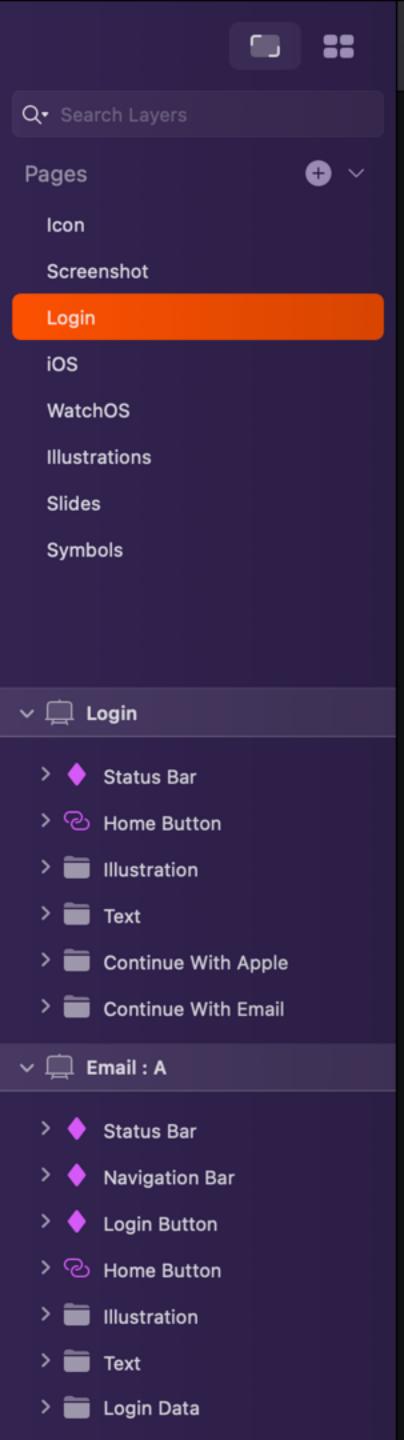
Healthub is an application that aims to digitise the health sphere of each user's life

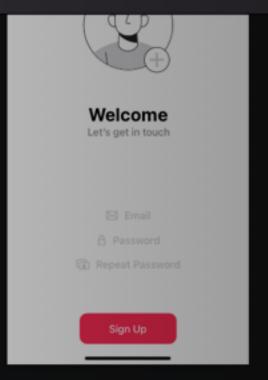
Functionalities

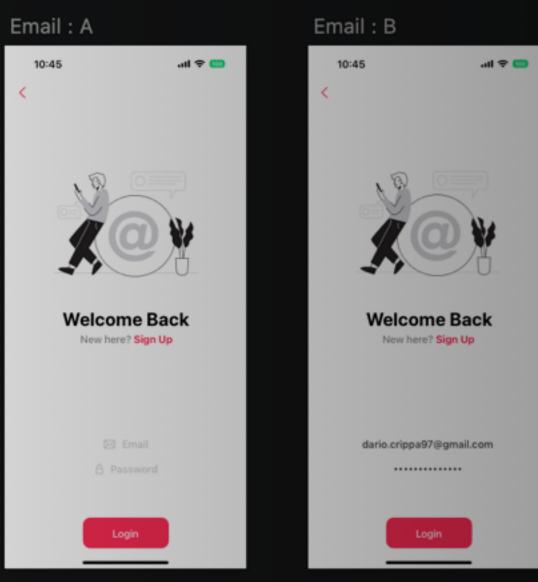
What Healthub has to offer

Platforms

- ios
- watchOS





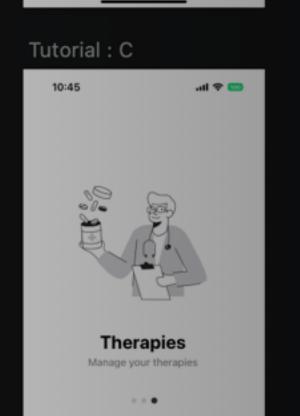


Tutorial: B

Drugs Interaction

Take your drugs safely

all 🗢 🧰



Inspiration

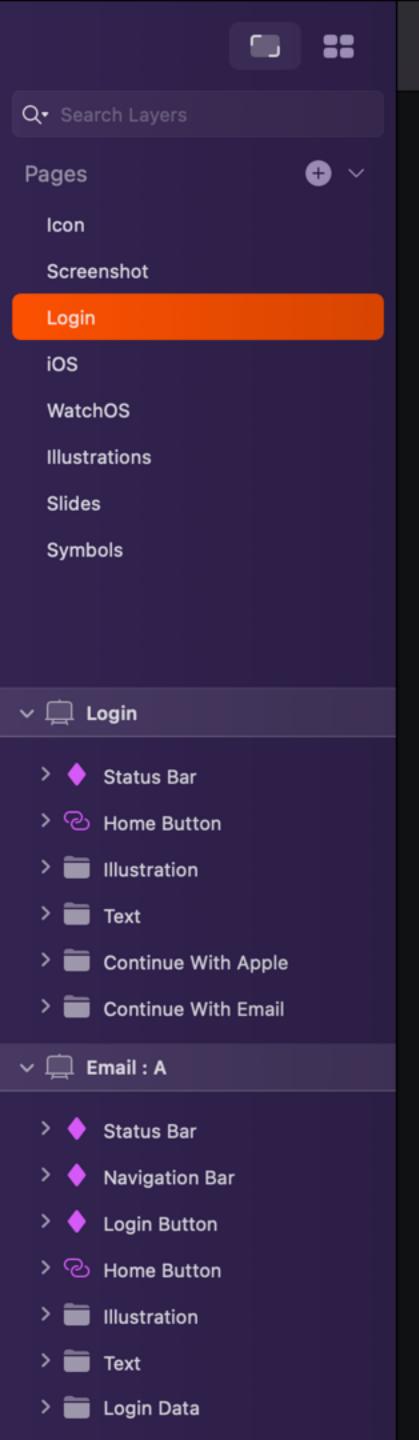
Human Interface Guidelines

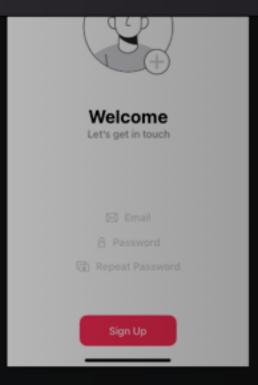
Sketch

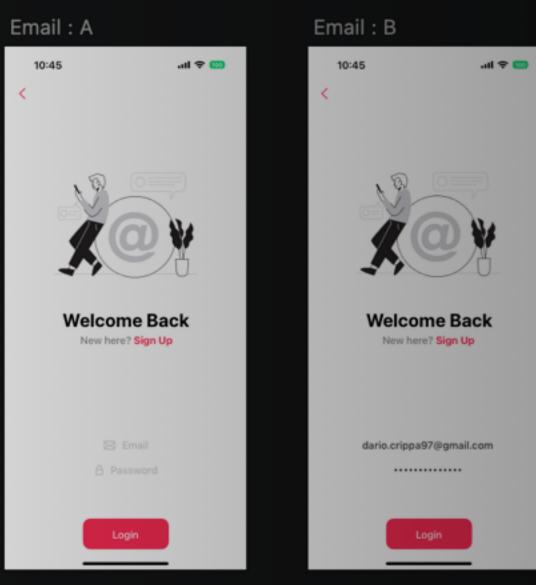
Mocking the app for preliminary considerations

Libraries

External frameworks from GitHub







Healthub

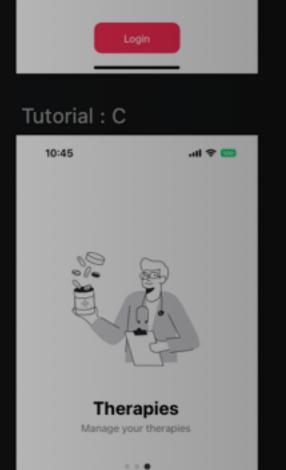
Tutorial: B

Drugs Interaction

Take your drugs safely

all 🗢 🧰

Local Document — Edited



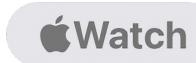
SwiftUI

- **Swift native**
- Aa Describe the UI through code
- No more constraints
- Multiple layouts
 - **L** The dark side

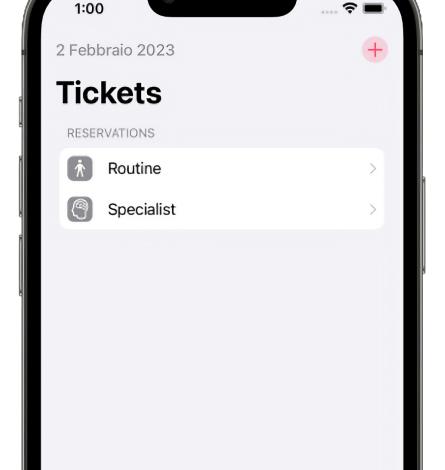
Architecture

Server











MVVM

Adopted architectural pattern

APIs

Apple frameworks such as MapKit and CoreData

Drug Interactions

Detect dangerous interactions within therapies

Communication

- O HTTPS
- ((D)) WatchConnectivity

SQLite

Backend

Software library that provides a relational database management system

FastAPI

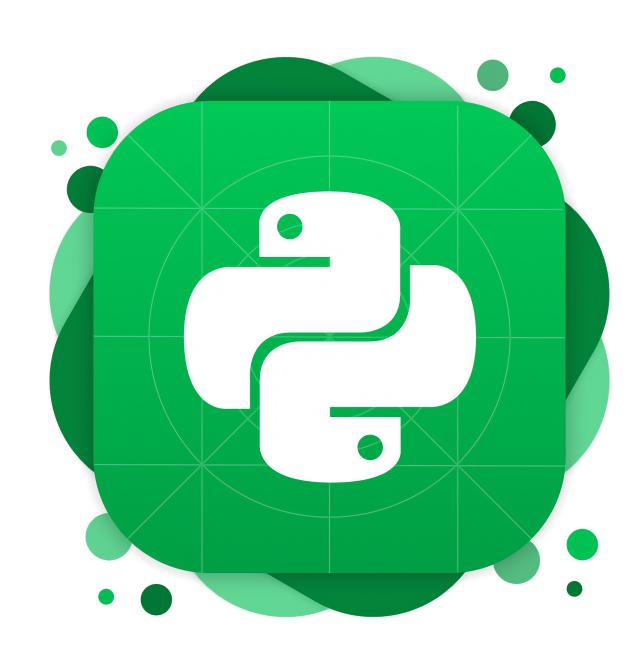
Modern high-performance web framework for building APIs with Python based on standard type hints

Server

Docker container have been shipped on DigitalOcean in order to make the APIs accessible everywhere and at anytime

Libraries

Other packages used for the backend development



Testing

Unit Testing

Mocked Dependencies

Integration Testing

ViewModel and Repositories interaction

UI Testing

Blackbox inspection of the app

Coverage

89.3%

