



Lester Jones

The UX Researcher/Designer with Expertise in Informing Results Delivering UX Efforts for Large Impactful Systems.

www.lesterajones.com

Academics

2021 - Graduate Certificate - Cyber Security Harvard Extension School

2009 - Masters - Information Architecture and Interaction Design University of Baltimore

2005 - AAS - Computer Information Systems Baltimore City Community College

2000 - B.Sc. - Zoology and Botany University of the West Indies

Special Sauce

- Experience Leading Nation Spanning Ethnographic Studies
- Expert in Generative UX Research Methods
- Experience working with Large Scale Systems that Impact Millions of Users
- Experience with both UX Research and UX Design Methods
- Professional Photographer, Drone Pilot and Overlander
- Experience working in Confidential Environments
- Strong Science Background



Research and Design an Improved Patient Portal that will allow clinicians to more effectively interact with patients

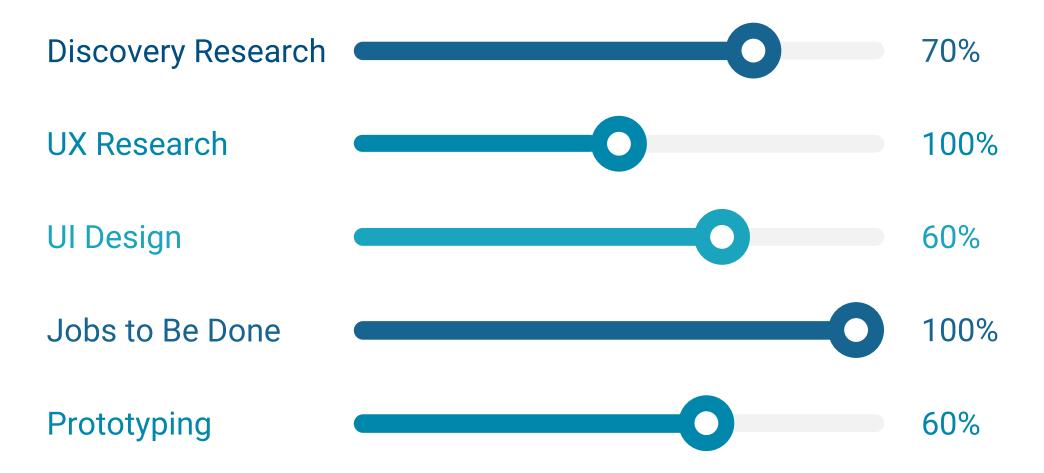


Role: UX Lead

UX Team Size: 2.5

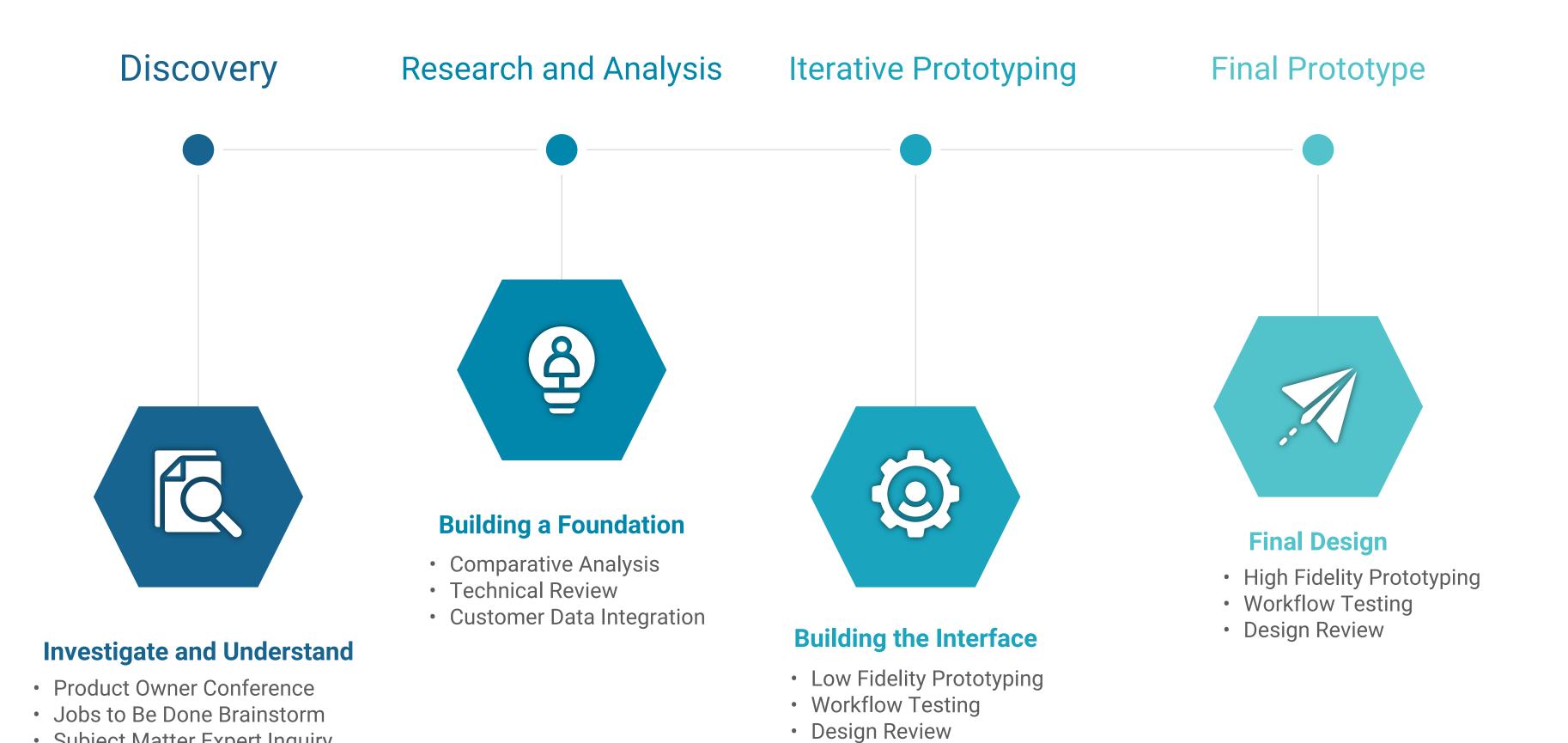
Project Management: Agile

My Contributions





The Design Process



Subject Matter Expert Inquiry



The preliminary phase in the UX-design process, here it involved:

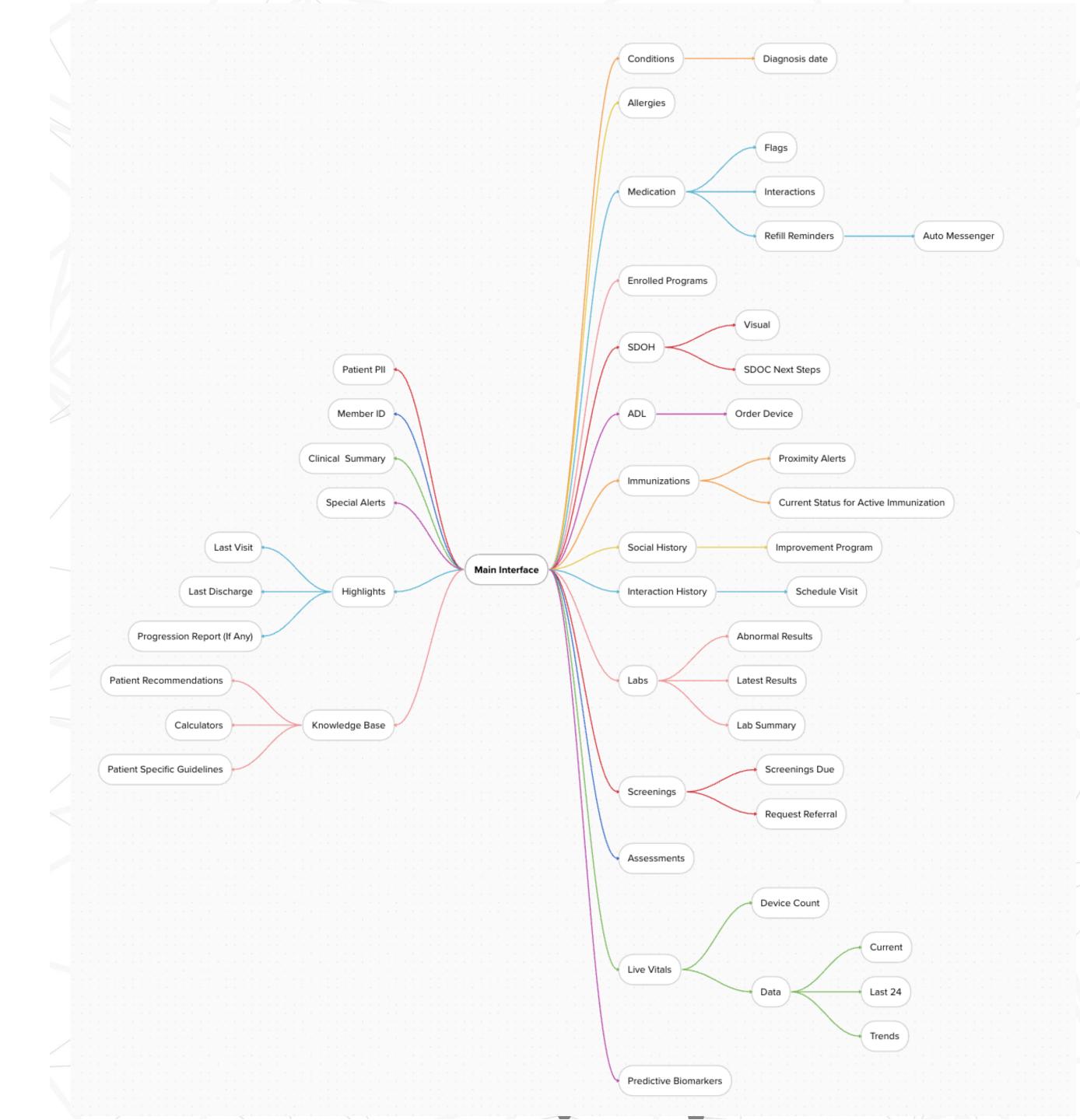
- Conference with the Product Owners, SME's, Technical Staff, etc.
- "Jobs to be Done" Brainstorming
- Researching the problem space
- Framing the problem to be solved and determine the scope
- Gathering enough evidence and initial direction on what to do next

Jobs to Be Done

Deep Dive

I facilitated a "Jobs to be Done" Brainstorming effort to determine the functions that was needed for this Patient Portal

The results were captured in a Mural Mind Map



Subject Matter Expert Inquiry

Deep Dive

For each of the "bubbles" developed in the previously shown Mind Map, the SME's of each of these domains were interviewed to determine the best way to display the respective content as well as other details as shown.

Content Header

Data Source

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Data Team

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Main Content

Suggested Visualization

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Linked Resources

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Contacts

Role Analysis For Personalized Experiences Discovery Role Analysis Deep Dive

A Role Analysis was done to determine what functionality different user groups need to access.

Users were also given the ability to customize their experiences within their need to view constraints.





Research and Analysis

After the Product and Project Scope and the Desired Outcomes are determined, Research and Analysis is done to determine the specific next steps need to insure the success of the overall effort.

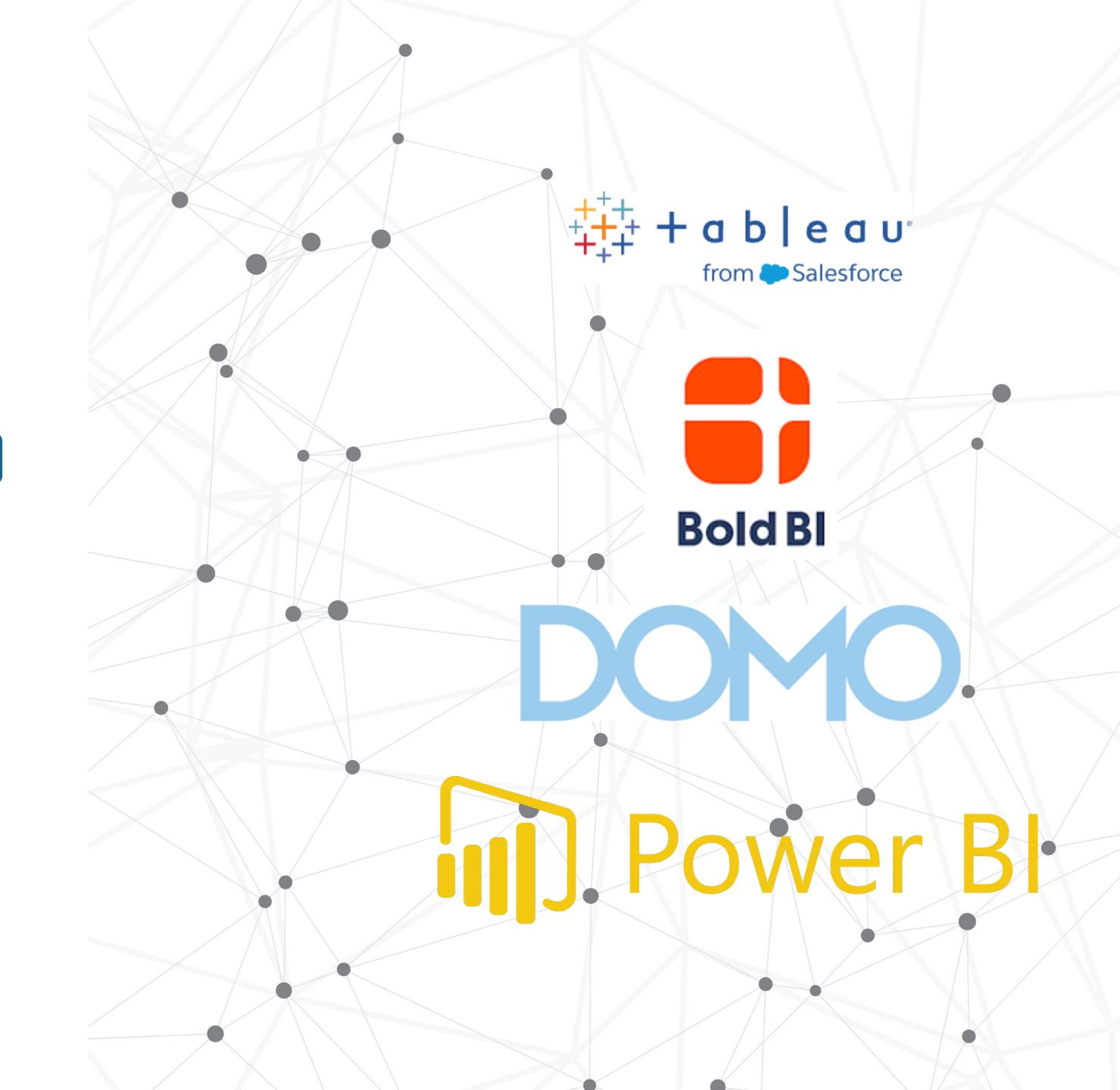
Comparative Analysis

Invent and Simplify

I conducted a Comparative Analysis to survey the Data Visualization Products and implementations, used in medical area.

Special Notice was taken of the following:

- Responsive Design
- Section 508 Compliance
- Technical Constraints
- Rendering Speed on Target Devices
- Benefits
- Potential Challenges



Comparative Analysis

Invent and Simplify

Some of the Key Takeaways from this analysis were as

follows:

Visual Selection

• The right visualization must be used for the right data

Types of dashboards

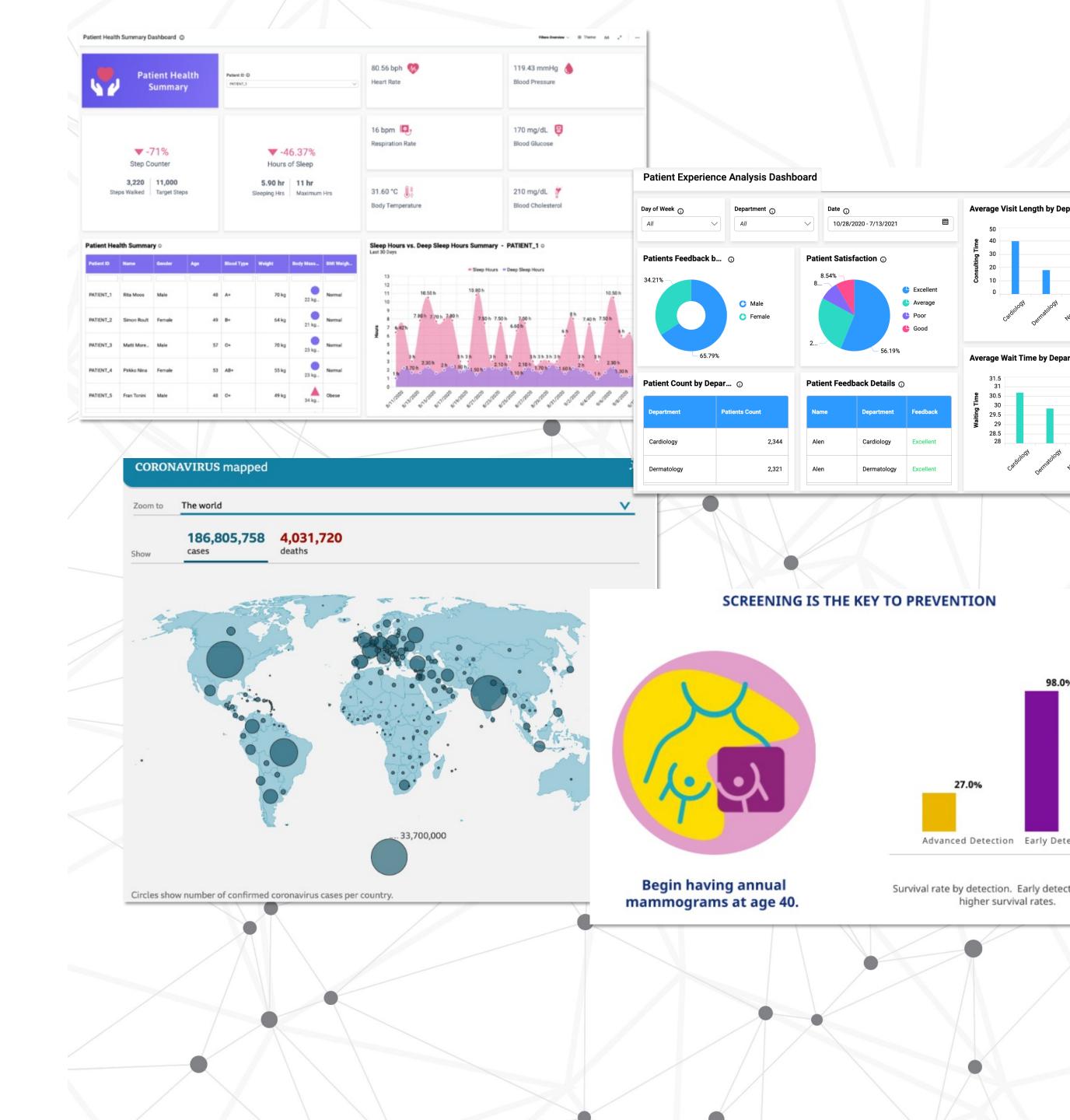
- Operational for displaying real-time data
- Strategic for showing patterns and trends over time
- Analytical for more advanced analytics

Infographics and motion graphics

 Infographic is a simple but powerful tool for visualizing complex data in a format that users can easily understand.

Challenges

- One must ensure that user devices can properly render visualization
- Visualizations must be displayed at the right scale



Iterative Wireframing

Low fidelity Wireframes were developed in collaboration with SME's the technical Teams.

Tool: **Balsamiq**

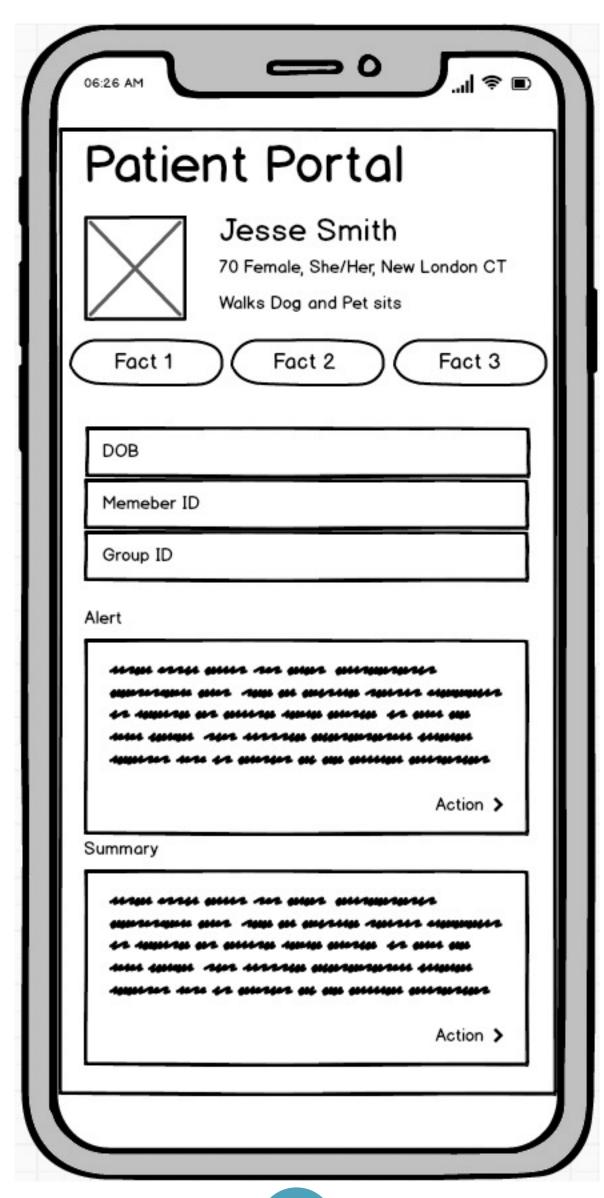
During the wireframing process the following UX Validation methods were used to inform design decisions:

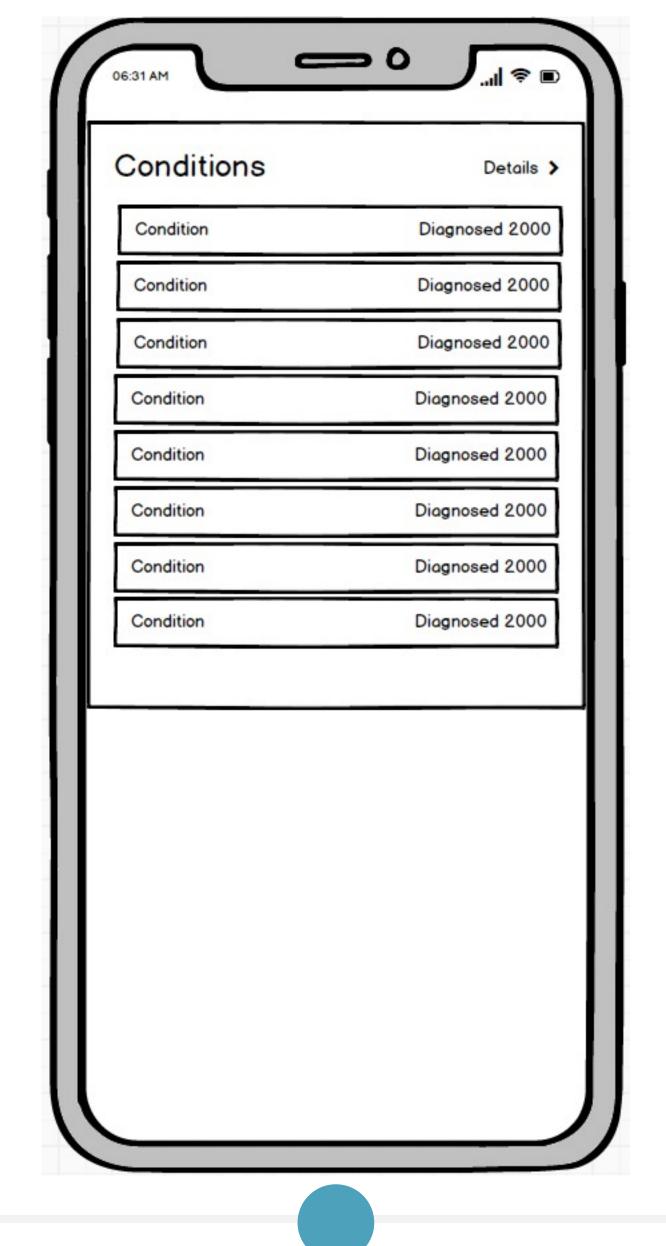
- AB Testing
- Use Case and Workflow Analysis
- Technical Validations
- Efficiency Testing
- Card Sorting

Iterative Wireframing
Prototyping

Deliver Results

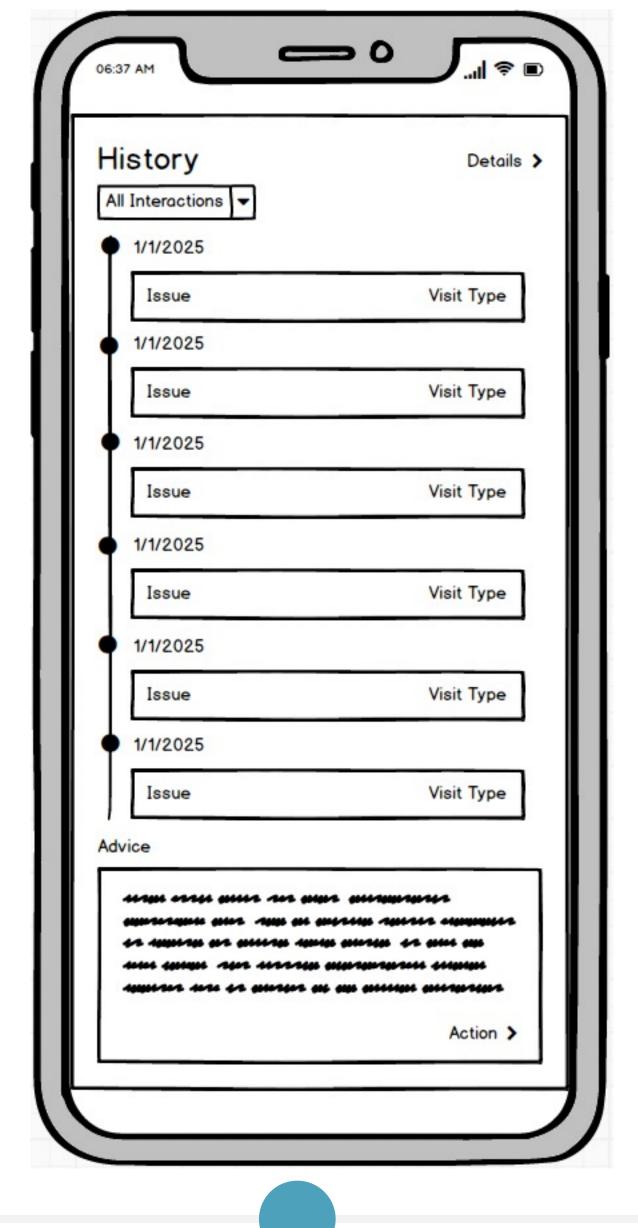


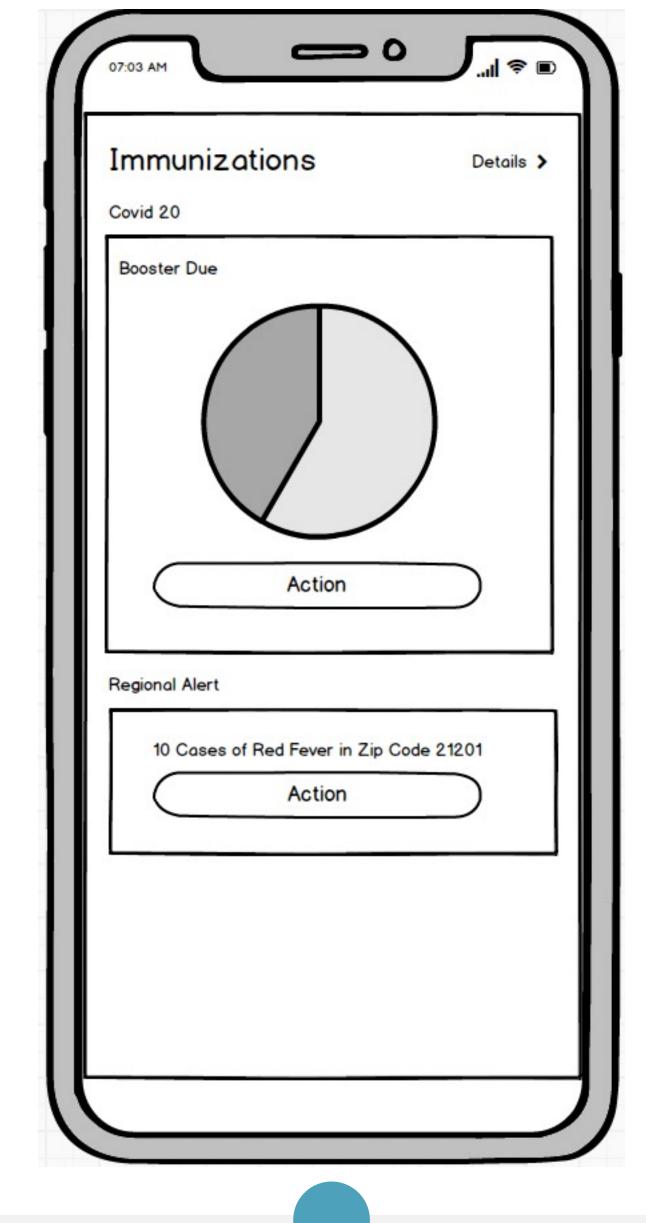


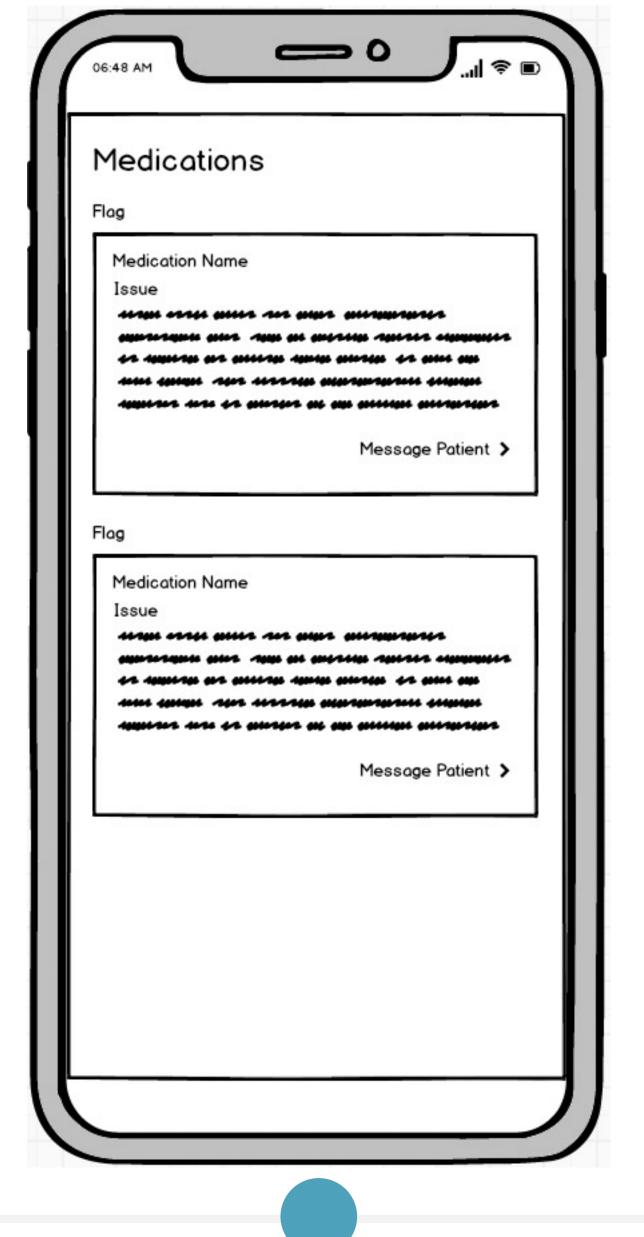


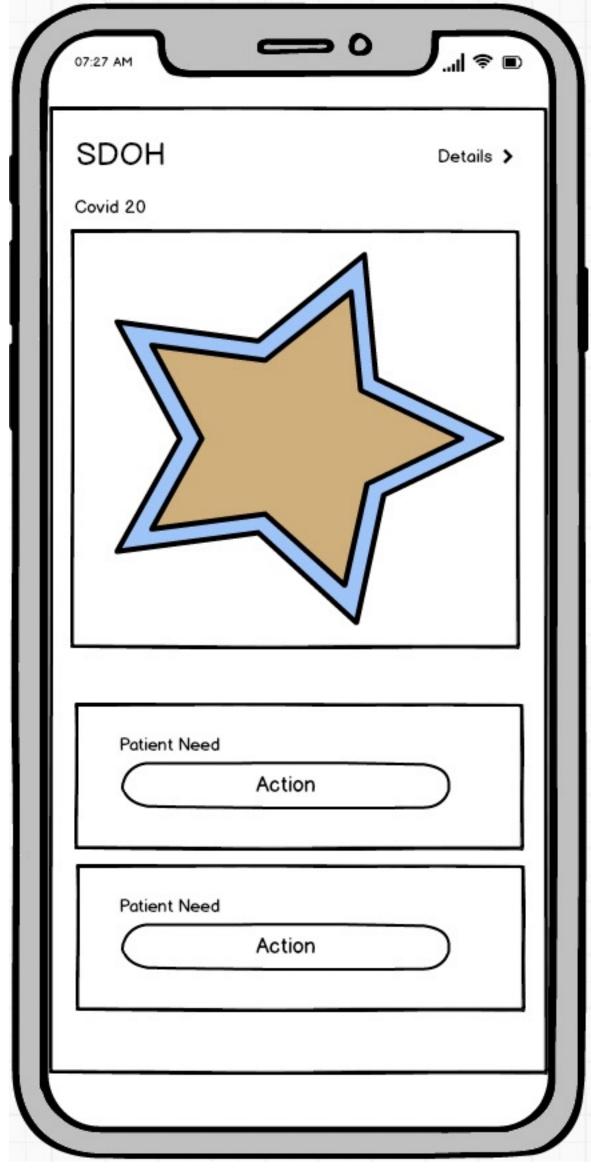


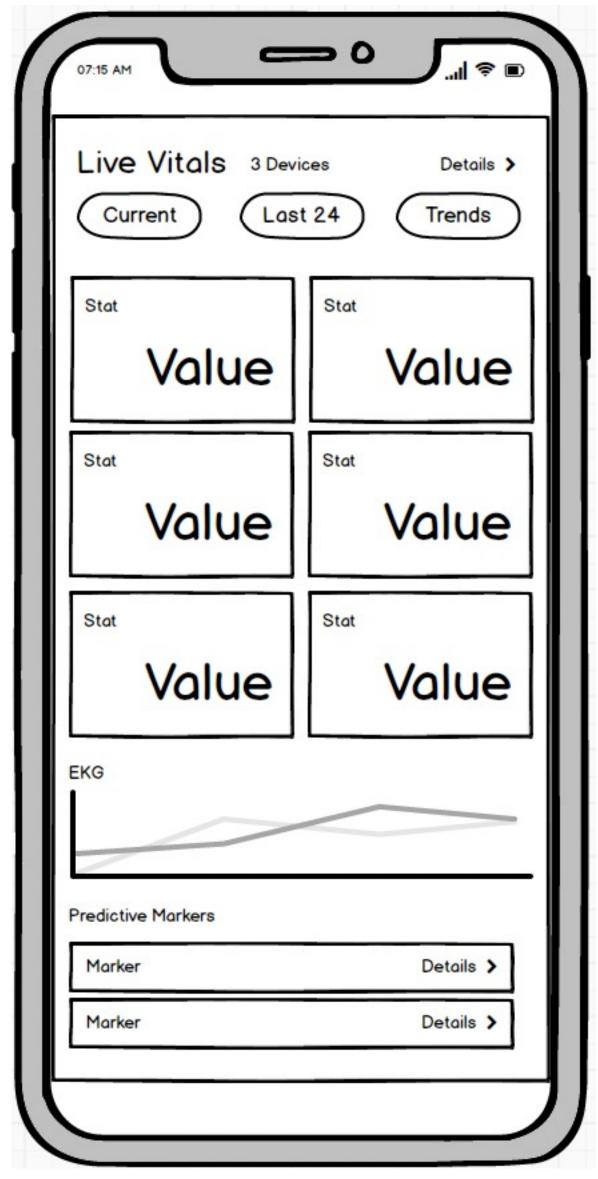


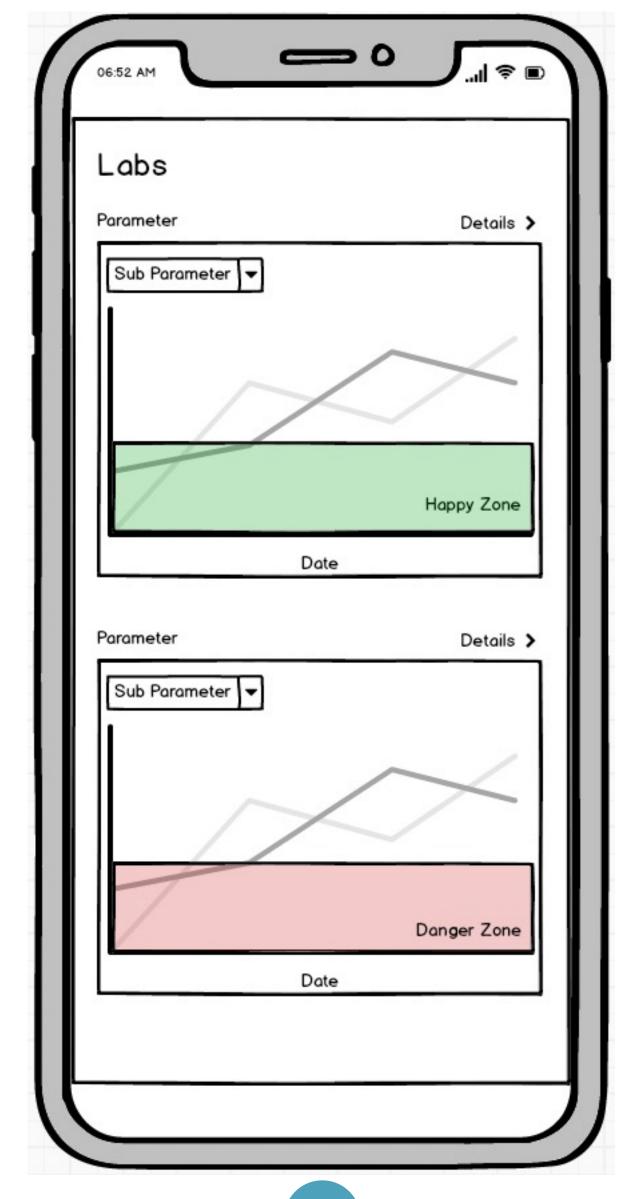














High Fidelity Prototyping

With initial validation complete, a high-fidelity prototype was created using Figma. Iterative design and Validation continued using the methods outlined previously.

Final Design

Responsive and Modular

Deliver Results

Customer Obsession

The final **High Fidelity Prototype** has 3 main features. They are:

- 1. Modular
- Responsive
- Visualized





Modular

Each content block was designed to be independent. This modularity allows the end user interface to be customized based on need.







Responsive

Responsive design allows one interface to be deployed on multiple devices ranging from cell phones, tablets, desktop computers to large format displays





Visualized

The right visualizations were selected for for each content block. Section 508 compliance, Rendering times etc. were evaluated prior to deployment.

Deployment and Beyond

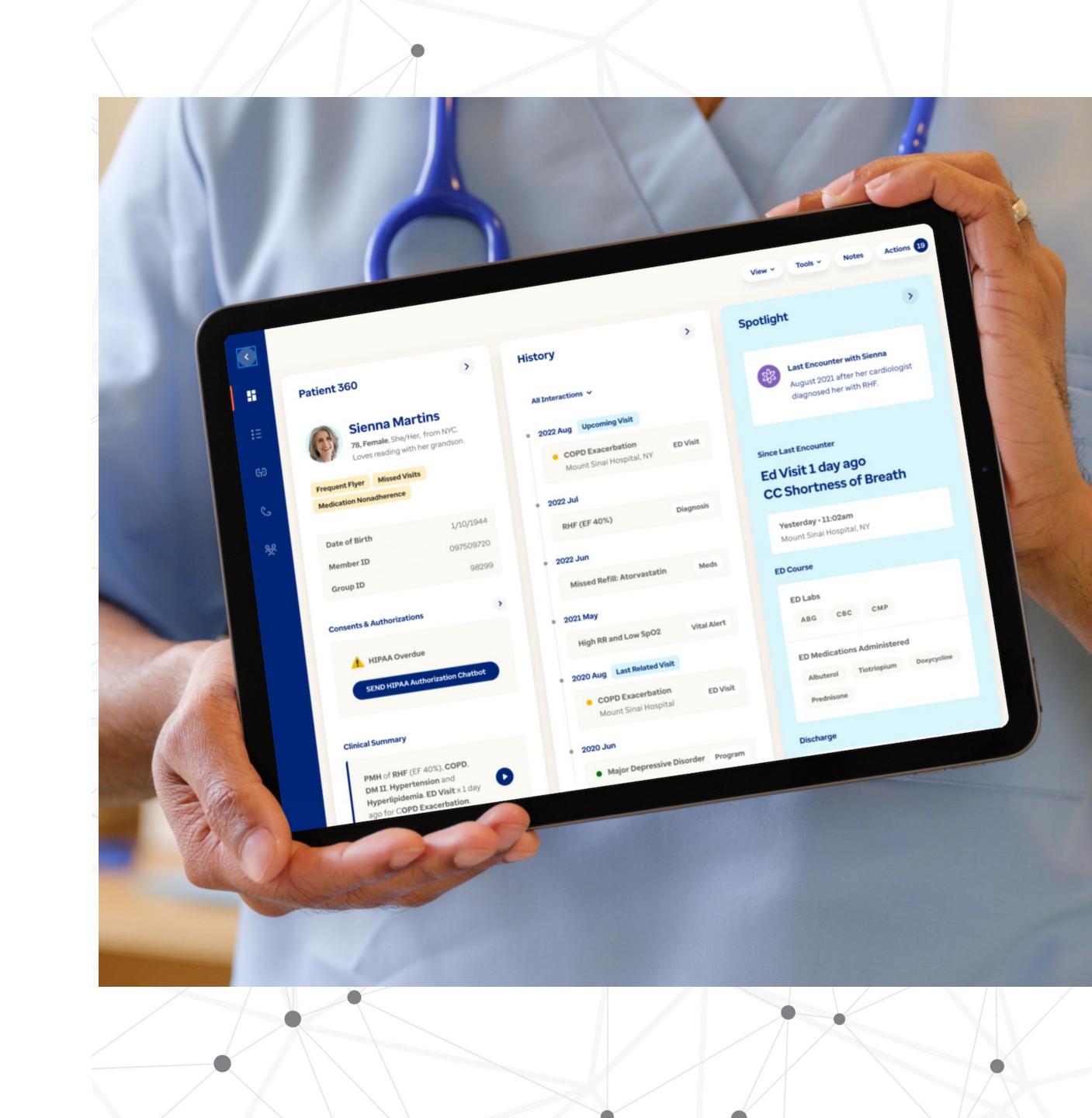
Modular Design

Learn and Be Curious

Administrator Dashboard

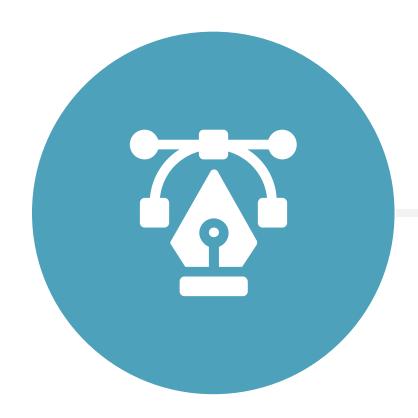
Key Features

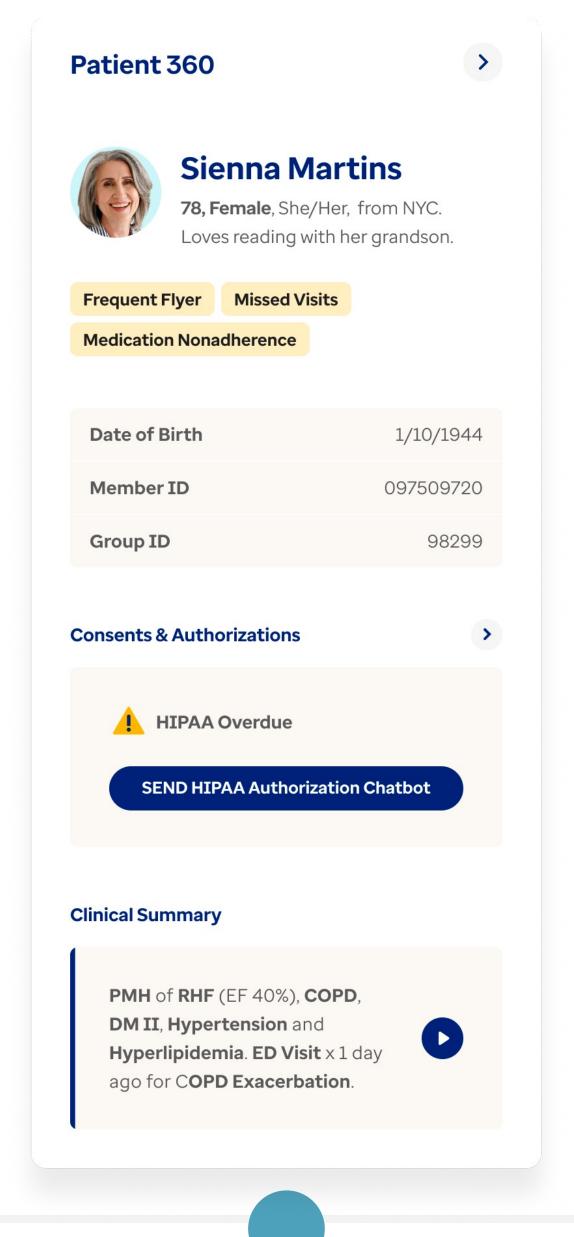
- Modern Design
- Light / Dark Switcher
- Real Time Monitoring of Chat KPI's
- Visualization of KPI with Color Coded Indicators
- "Real Time" Customer vs Technician Tracker
- Report Generator

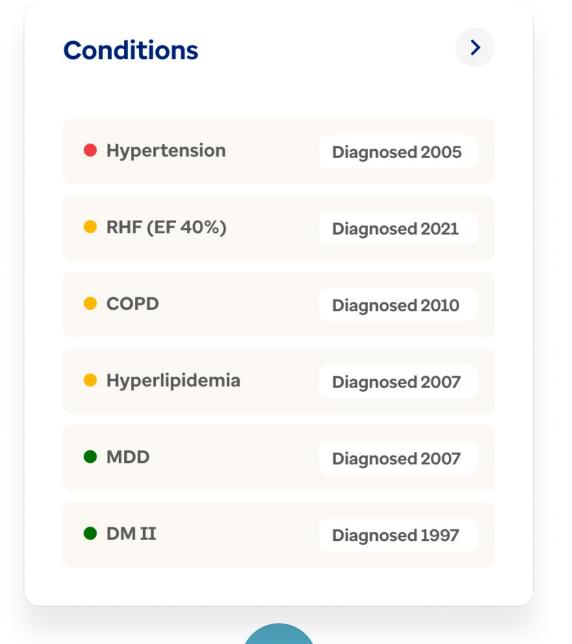




Deliver Results

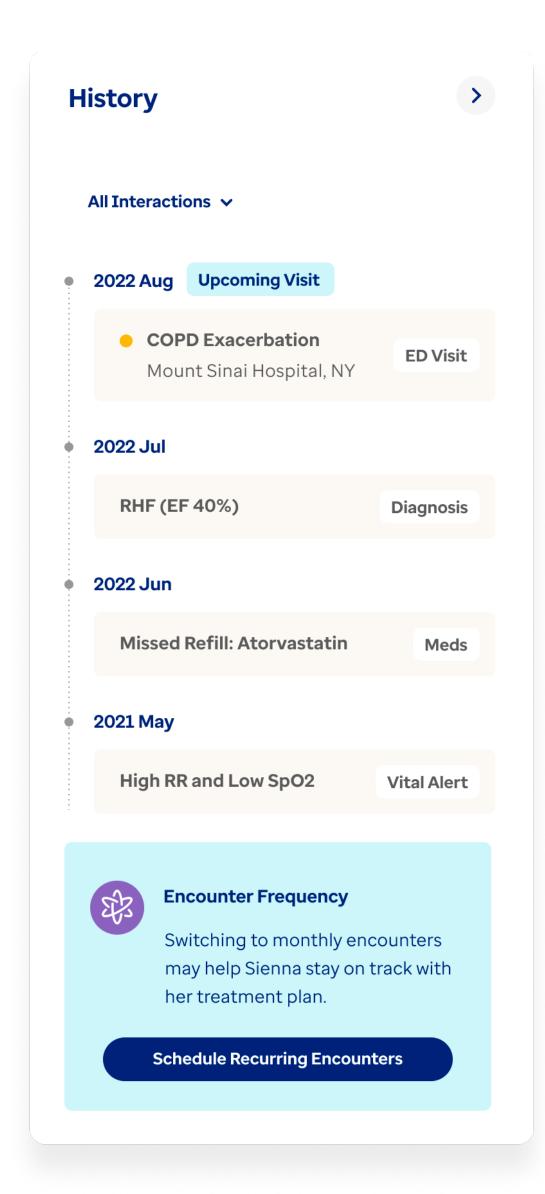


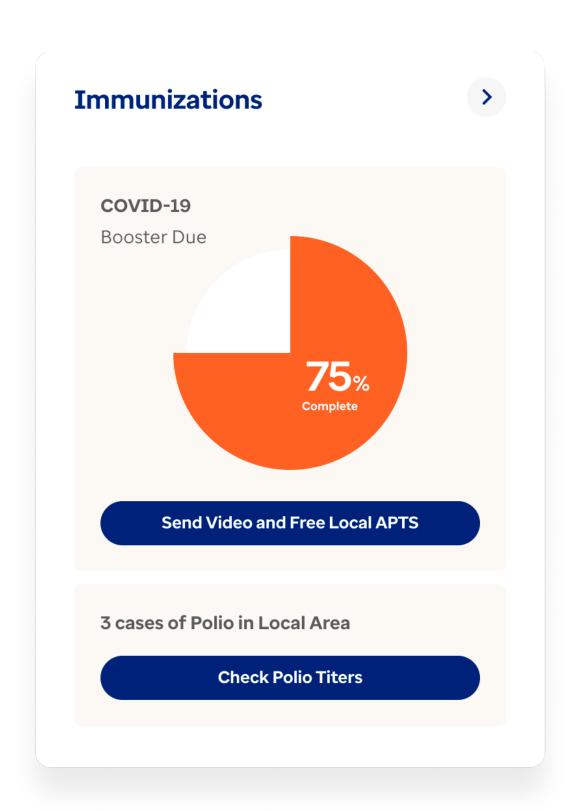


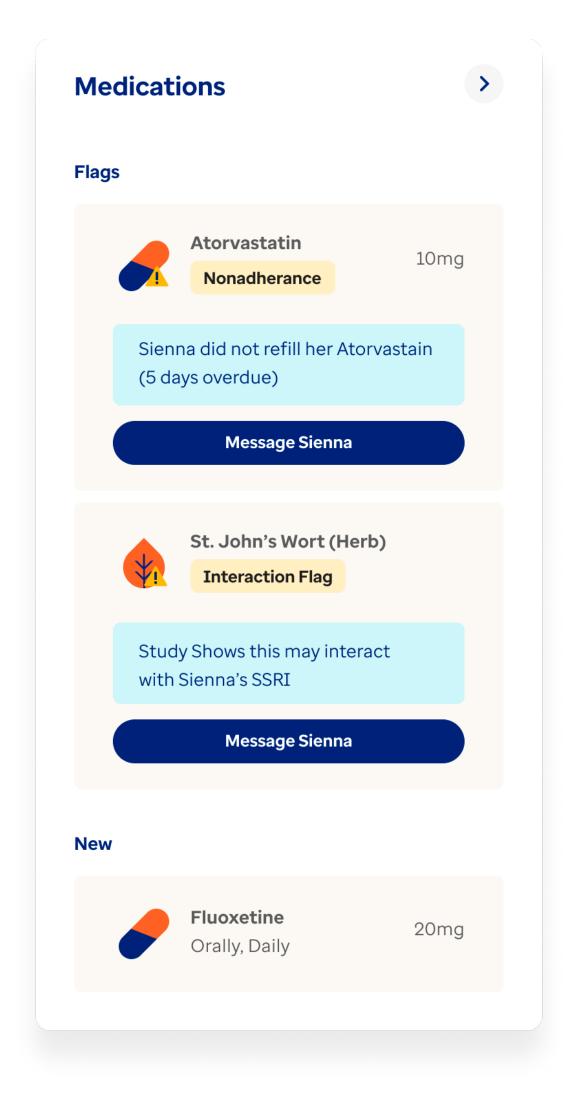




Conditions

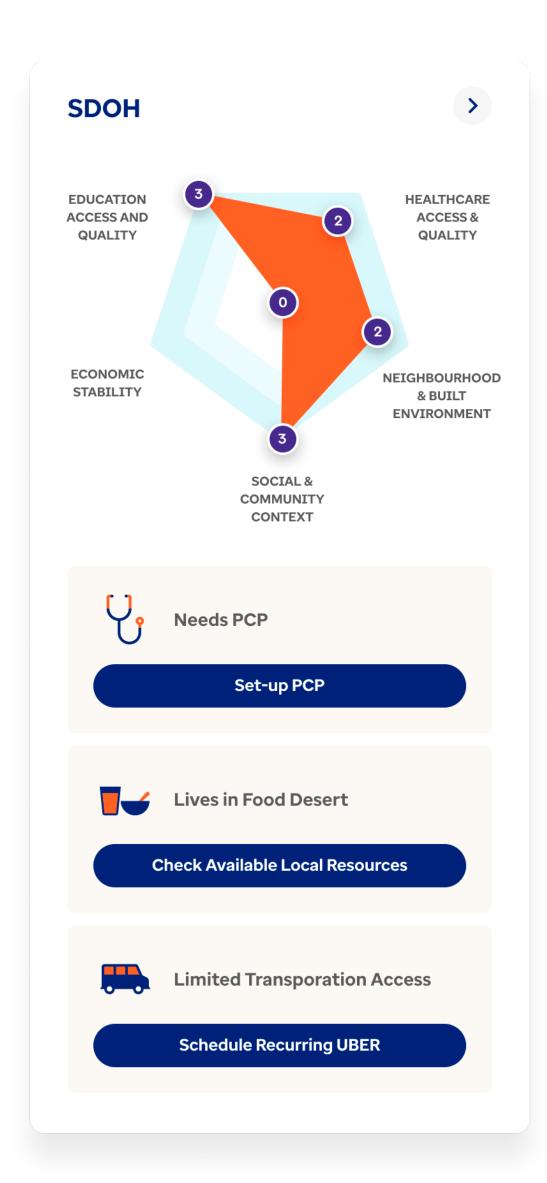


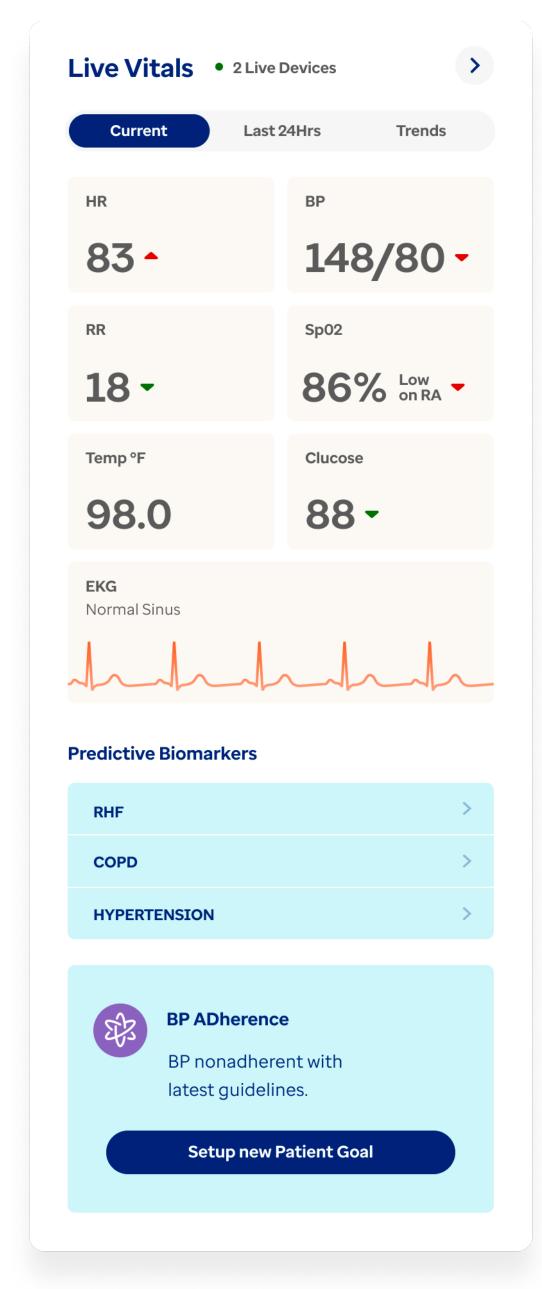


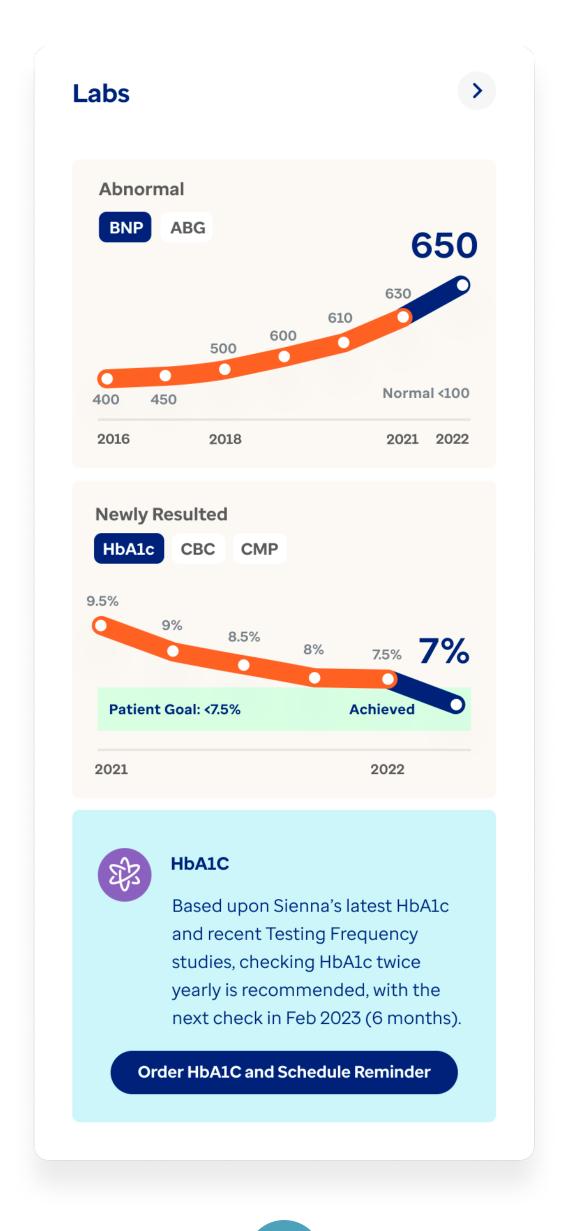


























Outcome

Successfully Provided the UX Artifacts and Guidance to inform the implementation of the Clinician's Patient Portal that was deployable across multiple devices and utilized the best of data visualization's principles to communicate important medical information.