Personal Health Record (PHR) Design Documentation

HF 770 Prototyping & Interaction Design Bentley University Fall 2021

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Interactive Prototype Requirements

- 1. Safe Exploration
- 2. Consistency, Standards, Conventions, Patterns
- 3. Organization, Layout, Hierarchy, Navigation
- 4. Copyediting, Style, and Tone
- 5. Progressive Disclosure, Onboarding, Instant Gratification
- 6. Animation, Motion, Interactivity
- 7. Feedback
- 8. Ergonomics
- 9. Images and Icons
- 10. Aesthetics, Color, and Typography



3. Organization & Hierarchy

Visual hierarchy to show most important content on top. Used headers to distinguish sections. Accordion on the bottom. Grid system throughout.

2. Consistent Pattern

Bottom nav is a familiar pattern on a mobile device.



10. Aesthetics, Color, Typography Blues are typically associated with honesty and are very common in healthcare. The typeface, Mulish, is easy to read.

9. Icons

Look like a set, they are equal in visual weight. They are intuitive and text on homepage (above) confirms where they go just in case.



LABS 11/29/21

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Lipid Panel	hel			
Test	Results	Reference	Units	
Triglycerides	100	50-150	mg/DL	
Total cholesterol	5.4	3-5.5	mmol/L	
High-density lipoprotein (HDL)	71	40-80	mg/DL	
Low-density lipoprotein (LDL)	93	85-125	mg/DL	

Vitamin Panel

9:41

Test	Results	Reference	Units
Folate (serum)	16	7–36	nmol/L
Vitamin A	42	30–65	µg/dL
Vitamin B12	97	130-700	ng/dL
Vitamin C	0.9	0.4–1.5	mg/mL
Vitamin D	38	5–75	ng/mL

Historical Abnormalities

Total cholesterol: 5.8 mmol/L from Jan 10, 2021 See Summary

Doctor's Feedback

Shannon,

Dec 1, 2021

Great job lowering your overall cholesteral from January! Looks like your B12 is a little low. I've added a prescription for this in your portal. Please

1. Safe Exploration

Back buttons and bottom nav allow for safe exploration

3. Organization Clear information hierarchy

6. Interactivity

Summary screen swipes in from the side to indicate it is a subset of the Lab Result

3. Organization Use of whitespace to draw attention

9:41 < Summary **Total Cholesterol** mmol/L 1/13/20 1/10/21 11/29/21 Date of Blood Test Key Reference: Ideal range Abnormal R



7. Feedback

After sending a

message to your

doctor, you will receive

confirmation that the

message was sent.





3. Hierarchy, 2. Pattern & 5. Progressive Disclosure

The most important information about your upcoming appointment is revealed. To see more details, one can click into each card.

8. Ergonomics

Moved "cancel" button farther from the drop-down arrow



2. Pattern Tabs are a familiar pattern on a mobile device.

8. Ergonomics

The button to schedule a new appointment is closer to thumb. < Prescriptions Current Requests Po Past Pending Birth Control Dr. raiter to same pharmany + Make another request BZ

1. Safe Exploration

Back buttons throughout prototype in combination with bottom navigation provide safe exploration.

CURRENT PENDING Medication Refills Stat Vitamin B12 12 Rea Birth Control 0 refills Rea Mere do you want this sent? Image: Control of the sent? Image: Control of the sent? Same Pharmacy: Wal Greens State Sent? Waltham, MA 02453 Image: Control of the sent?	CURRE	NT P			
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0	O N	w Pharmacy			
Home: 57 Newport St. Apt 22 Waltham, MA 02453	О н 5 м	ome: ' Newport St. Ap altham, MA 024	it 22 53		

2. Patterns & Consistency Tabs are a familiar pattern used consistently throughout this mobile app.

- **2. Pattern** Choose 1 option/radio button

Resources



Illustration from Trafalgar PTY LTD 2020. Retrieved via Figma Community.

Iconography from Icons8. Retrieved via Figma Community.

Designing Interfaces by Jenifer Tidwell, Charles Brewer & Aynne Valencia.

Thank You!

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