

MediMemo App

Version 2

Project 4 Design Document

Vicki Diaz

Khoury College of Computer
Sciences
San Francisco, CA

Hla Htoo

Khoury College of Computer
Sciences
San Francisco, CA

1 Description

Medimemo is an online platform designed for healthcare providers to optimize the management of electronic health records and appointment scheduling. This platform ensures secure storage of health records and facilitates effortless scheduling, enhancing overall efficiency in healthcare management. This platform makes it easy to search and filter through a large database of patients and appointments.

This new version focuses on usability and accessibility. After conducting six user tests, we received feedback on changes that would make the application more user-friendly. These changes include updating the interface to match the color palette for a more visually pleasing experience, updating the style and structure of all forms asking for input, make application usable with just keyboard, implementing user authentication, reorganizing page content, and fixing backend errors that were causing unexpected performance issues or making features easier to use.

2 Example Usage

Below, you will find examples illustrating how our application can enhance its service to the healthcare profession. These examples are intended to provide a better understanding of why specific design features are crucial for our project idea/design.

2.1 Users

Person 1: John a general physician working at a hospital

Person 2: Daniel is front-desk assistant/ administration support at a clinic

2.2 User Stories

Person 1:

John is a general physician in a third-world country who is still using paper health records. As a general Physician, he wants to be able to keep, access, all the patients' records electronically. He wants to find, update, or delete the patients' records as needed.

Operating his clinic independently, John also aims to streamline his processes for appointment scheduling, minimizing the need for direct contact or phone calls to arrange these tasks.

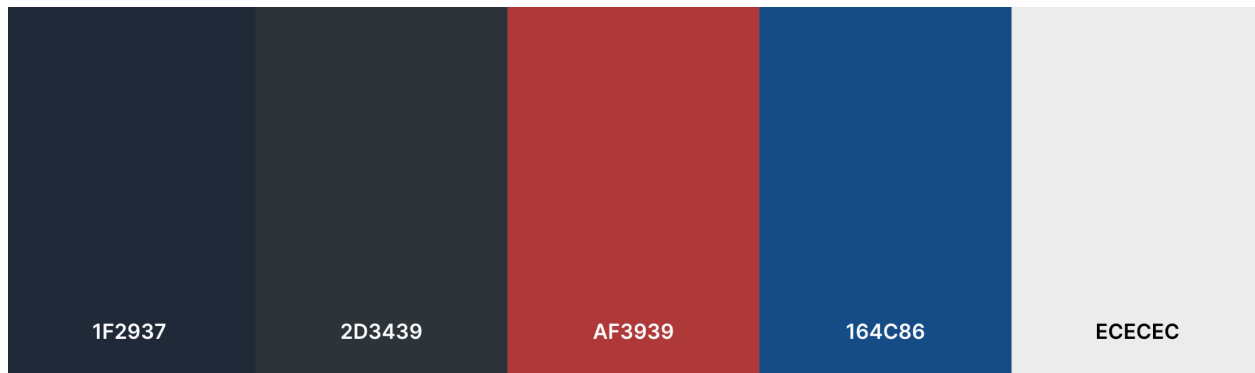
Person 2:

Daniel is a front-desk assistant/ administration support at a clinic. He hates it when he encounters repetitive tasks that arise from scheduling appointments. He wants to have a platform where he can easily look up appointment details and schedule a visit.

3 Mock up

Color Palette:

Since red represents the color of passion and urgency, we will be using shades of red as the primary color.



Landing page:

ADD LOGO HERE

LOGIN

↳ takes to login page

Welcome Message Here
 subheading

Sign Up

↳ takes to sign up page

Patient Page:

Tab ↓

MEDI MEMO
Logo
Patient Records
current page
Scheduling/
Appointments


Main page ↓
All patient Records
Search Bar
Add New Patient

#	Name	DOB	Gender
list all patient Records			

FORM POPS UP
 - collect New patient info

Health Record Page:

Health Record Page


MED MEMO
Logo

patient records

Scheduling/
Appointments

Back

Patient Details

DELET

UPDATE

info text

Visit Summaries

ADD NEW PATIENT

info text

Update form
pops up

Appointment Scheduling Page:

