

Senior Project

Group 2: Team Lifeline

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Problem Statement

Problem Statement #4

- Prescription Adherence can be done (via email, call or sms) and remind patients when and how to take the drugs prescribed to them whether it's after meals or before going to bed etc.



User Stories

Layout for User Stories

Title:	Priority:	Estimate:
<p>As a <i><type of user></i></p> <p>I want to <i><perform some task></i></p> <p>so that I can <i><achieve some goal></i></p>		
<p>Acceptance criteria</p> <p>Given <i><some context></i></p> <p>When <i><some action is carried out></i></p> <p>Then <i><a set of observable outcomes should occur></i></p>		

User Story 1: Patient Log In

As a medical patient, I want to log into my web patient portal so that I can view my prescriptions.



User Story 2: Registration

As a new medical patient of a clinic, I want to be able to register for an account on the web patient portal so that I can access my new prescription data.



User Story 3: Profile Page

As a medical patient with an account in the web patient portal, I want to be able to log out of my account so that my prescription information is kept private.



User Story 4: Home Page

As a medical patient, I want a home page so that I can easily find the name of my prescription medications and the time to take them without much hassle.



User Story 5: Add Medicine Page

As a new patient, I want a page that displays my current medication and allows me to add a new medication, so that I can extend ~~update~~ my medications list when I need.



User Story 6: Medication Descriptions

As an existing patient with a long-term illness, I need to have a page that contains a full description of my medication, when and how (with or without meals) to take my medications, and other information typically displayed on a pharmaceutical label, so that I can properly treat my condition.



User Story 7: SMS Notifications

As a patient suffering from dementia, I forget to take my medication on time and therefore I need an SMS system that notifies me when it's time to take my medication so that I can be reminded of my medication schedule.



User Story 8: SMS Notifications

As a patient suffering from dementia, I forget when I've taken my medications and need a logging system that allows me to confirm whenever it's time to take my medication so that I can keep track of my medication management.



User Story 9: SMS Notifications

As a forgetful patient who doesn't look at every SMS notification, I need an SMS notification system that sends me follow-up notifications if I don't confirm that I've taken my medication so that I can ensure that I'm taking my medication at the required times throughout the course of my treatment.



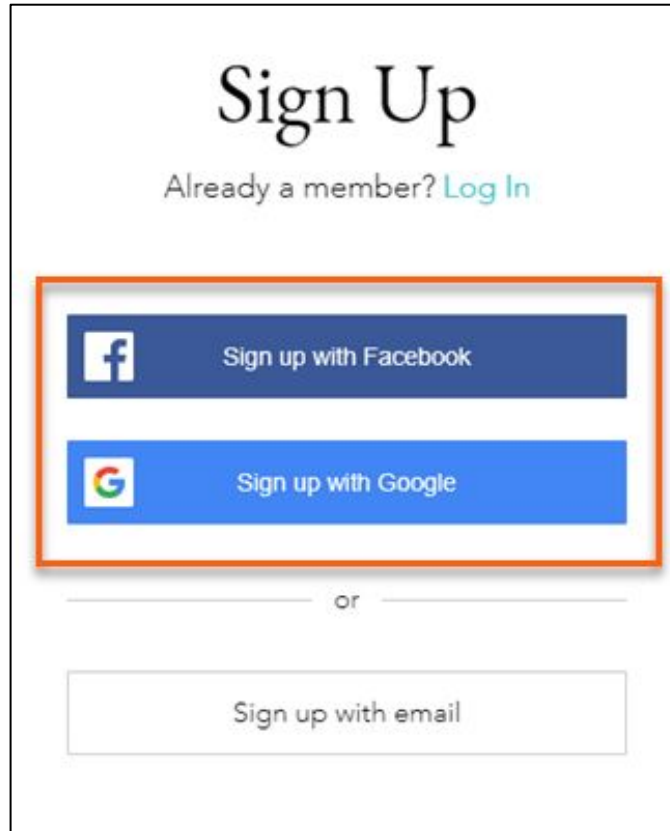
Screen Layout

List of Screens/Pages and States

1. Login Screen
2. Registration Screen
 - Google and Facebook Login
 - Get name, age and email
3. Profile Page
 - Taken here from registration
 - Logout
4. Home Page
 - unpopulated state (4A)
 - populated state (4B)
5. Add Medicine Page
 - User adds the medicine details and prescription information
 - Unpopulated State (5A)
 - Populated State (5B)
6. Description of Medicine
 - View more info on medicine, Say if you have taken it, Delete medication
7. SMS Notifications (Lock Screen)


Wireframes


1) Login Screen



Sign Up

Already a member? [Log In](#)

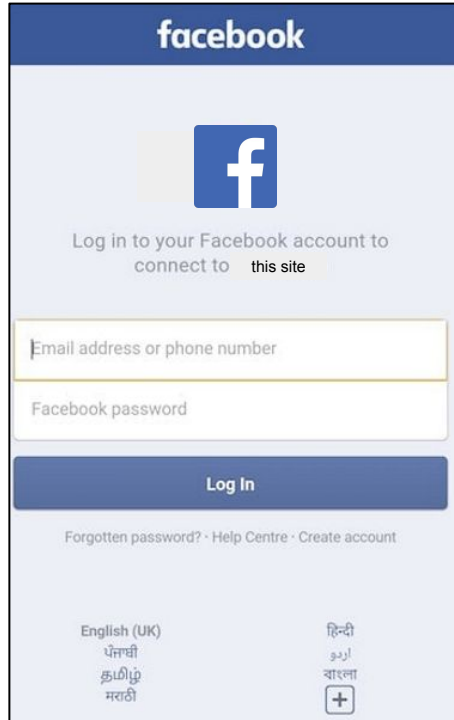
 Sign up with Facebook

 Sign up with Google

or

Sign up with email

2) Registration Screen



The Facebook login screen features a dark blue header with the 'facebook' logo. Below it is a large blue square with a white 'f' logo. The text 'Log in to your Facebook account to connect to this site' is centered. There are two input fields: 'Email address or phone number' and 'Facebook password'. A blue 'Log In' button is below the fields. At the bottom, there are links for 'Forgotten password?', 'Help Centre', and 'Create account'. A language selector at the bottom left shows 'English (UK)' and other options in Hindi, Urdu, Tamil, and Marathi. A plus icon is at the bottom right.

facebook

Log in to your Facebook account to connect to this site

Email address or phone number

Facebook password

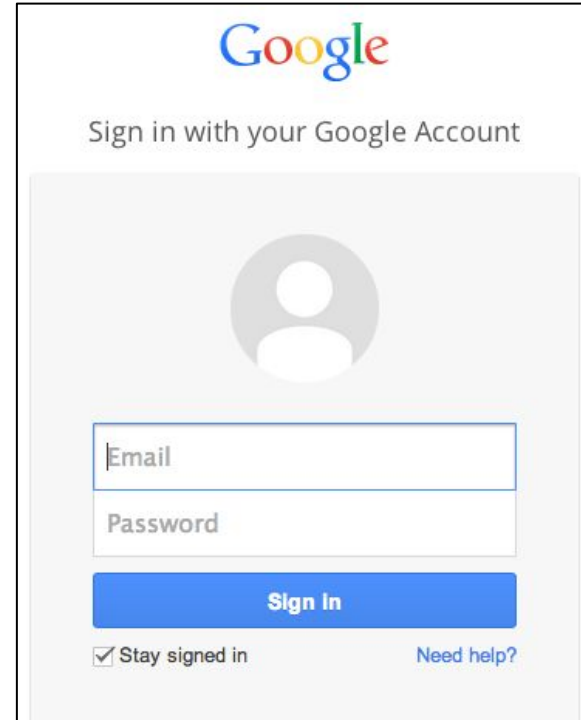
Log In

Forgotten password? · Help Centre · Create account

English (UK)
ਪੰਜਾਬੀ
தமிழ்
मराठी

हिन्दी
اردو
સારલા
+

Facebook Login



The Google login screen features the multi-colored 'Google' logo at the top. Below it is the text 'Sign in with your Google Account'. A large grey circle with a white person icon is centered. There are two input fields: 'Email' and 'Password'. A blue 'Sign In' button is below the fields. At the bottom left, there is a checked checkbox for 'Stay signed in'. At the bottom right, there is a link for 'Need help?'.

Google

Sign in with your Google Account

Email

Password




Sign In

☒ Stay signed in

Need help?

Google Login

3) Profile Page



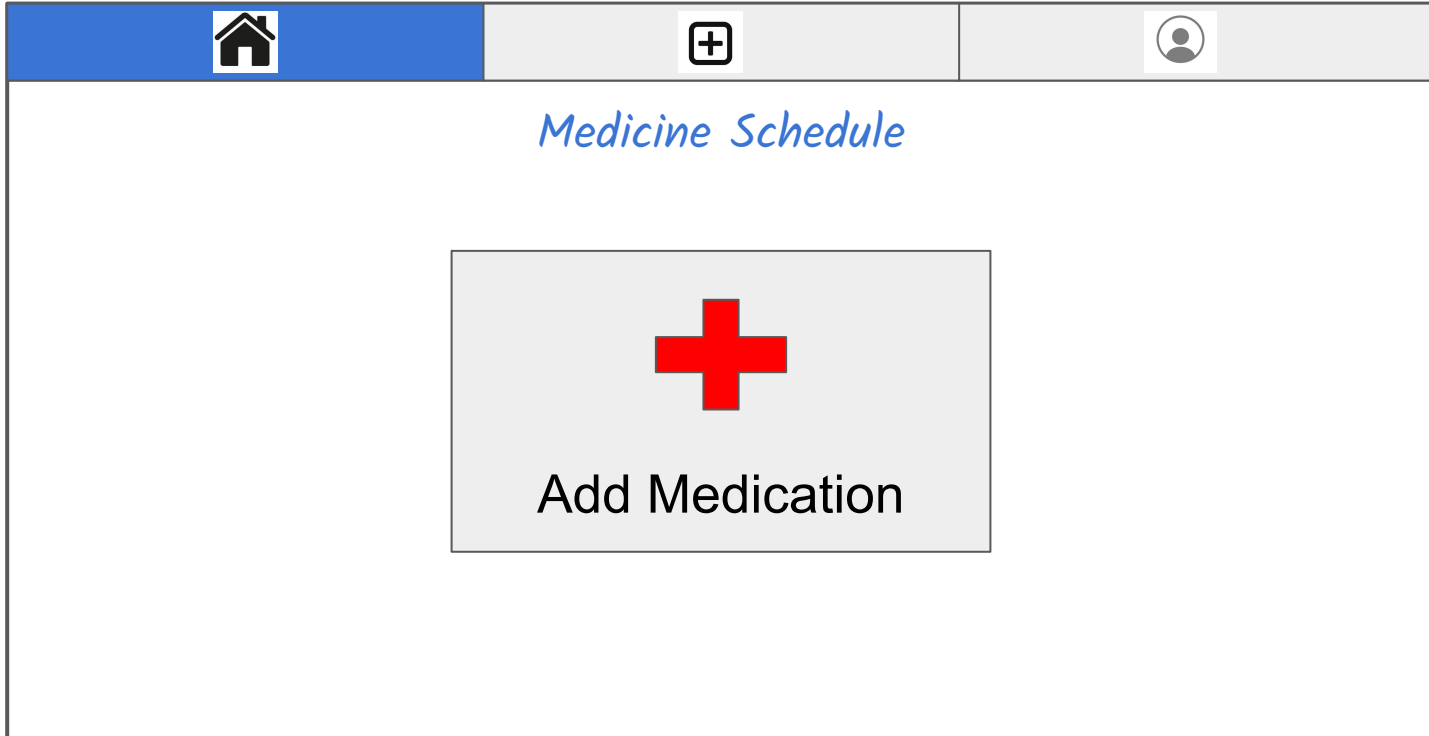
Profile Page

Name:




Email:

Age:

4a) Home Page (unpopulated state)




4b) Home Page (populated state)


		
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Medicine Schedule

Name of Medicine






Name of Medicine




5a) Add Medicine Page (unpopulated state)



5b) Add Medicine Page (populated state)






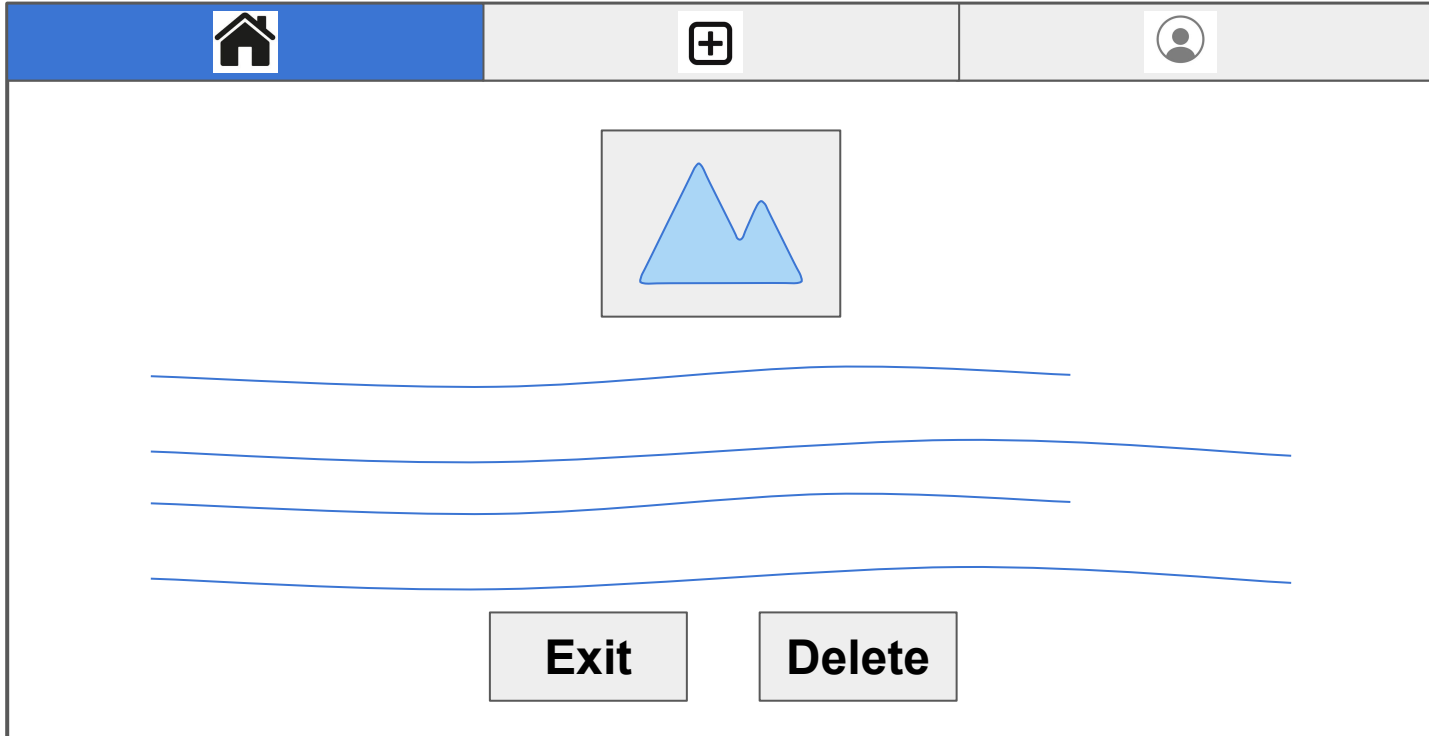
Add Medication

Current Medications Added

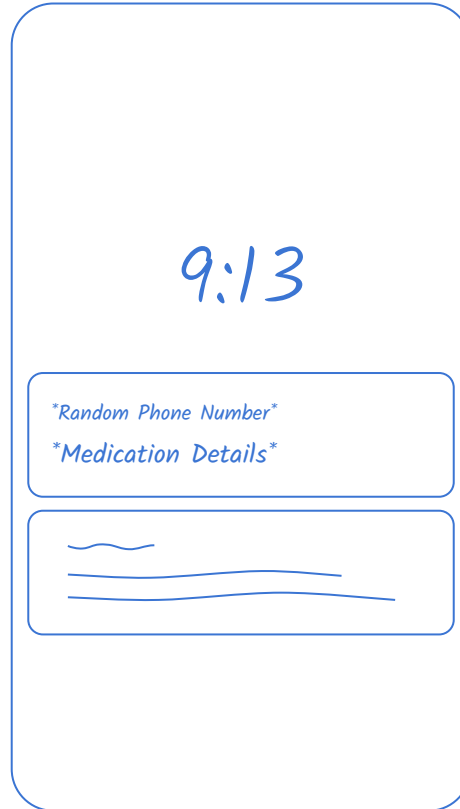
Name of Medicine



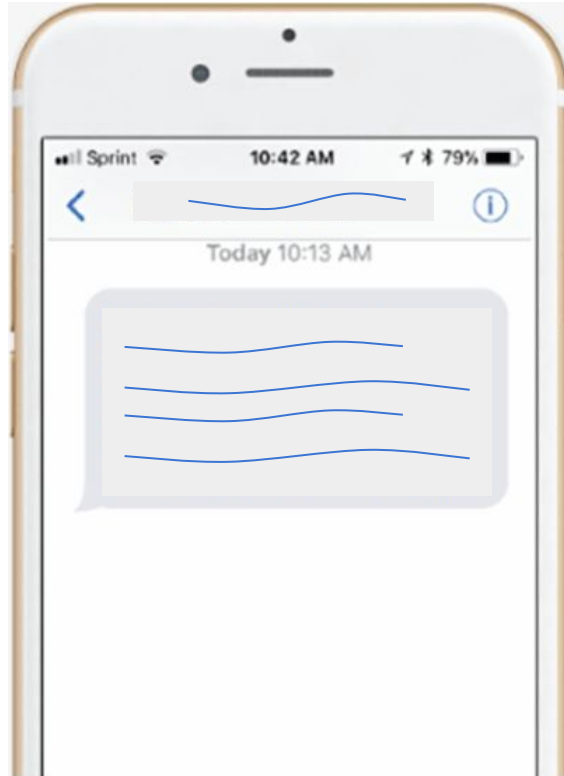
6) Descriptions of Medicine Page



7) SMS Notifications (Lock Screen)



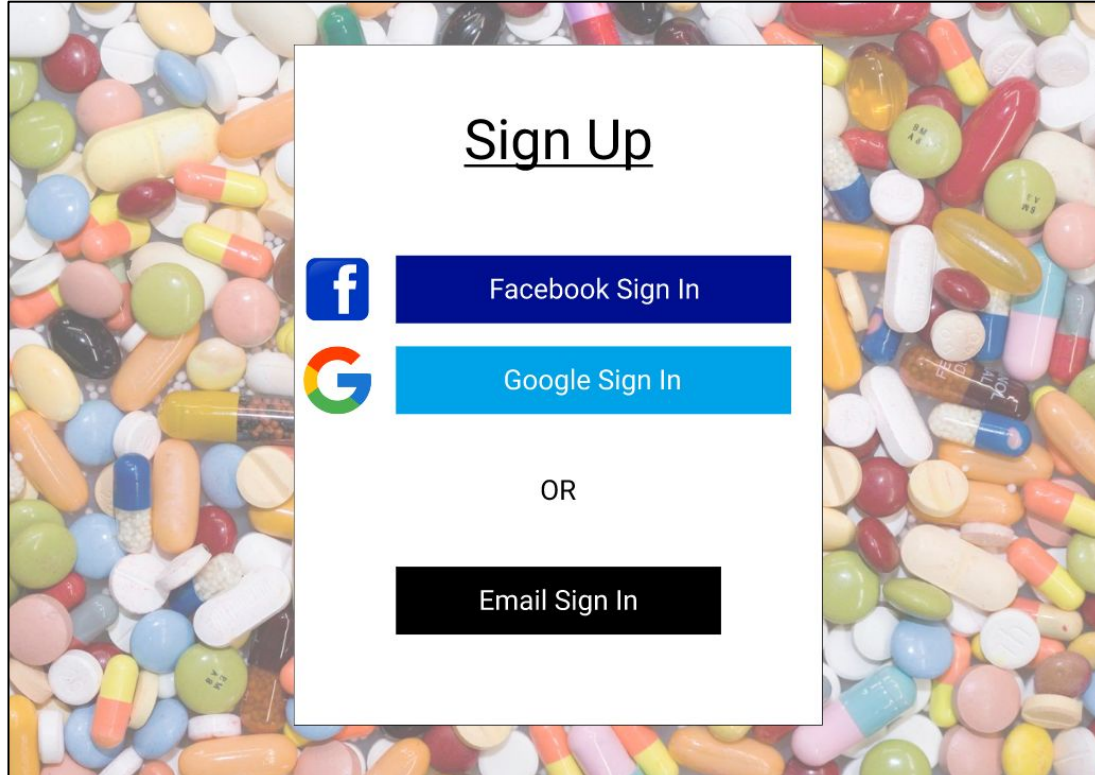
7) SMS Notifications (Message)






Mockups:

Figma Mockups

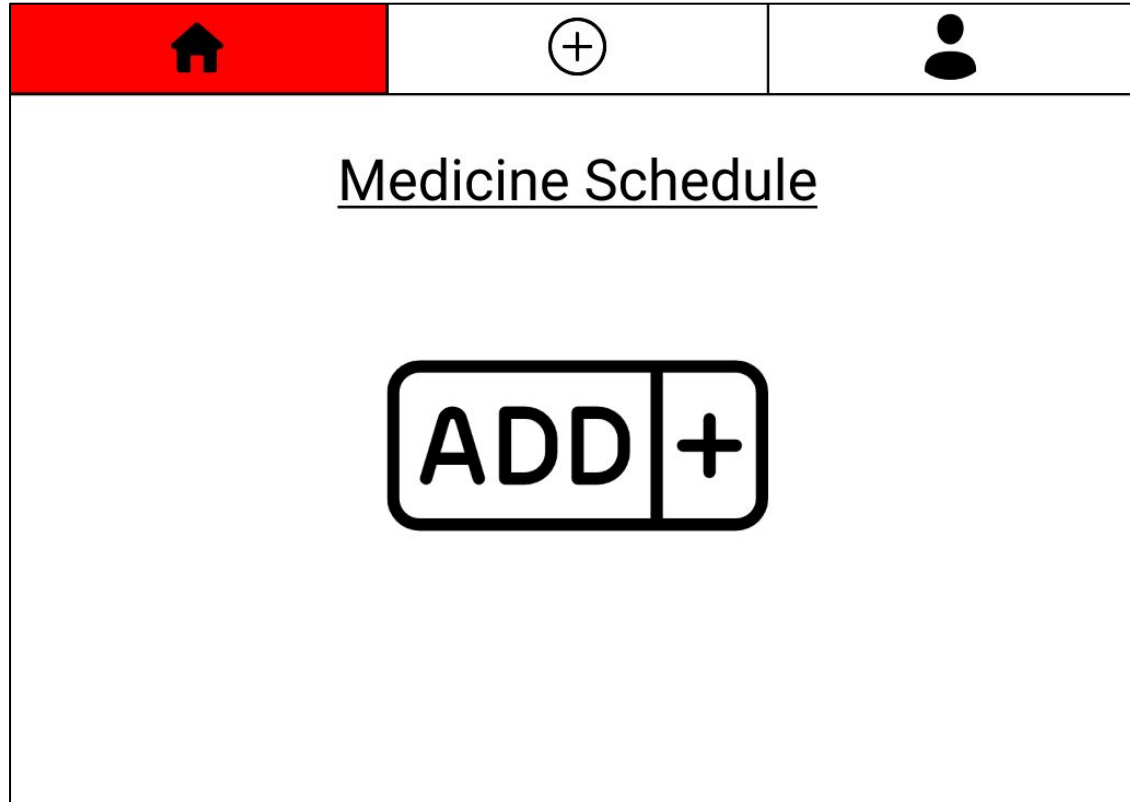
1) Login Screen








2) Profile Page

		
<p><u>Profile Page</u></p>		
Name:	<input type="text" value="John Doe"/>	
Email:	<input type="text" value="john.doe@gmail.com"/>	
Age:	<input type="text" value="72"/>	
<input type="button" value="Save"/>		<input type="button" value="Log Out"/>

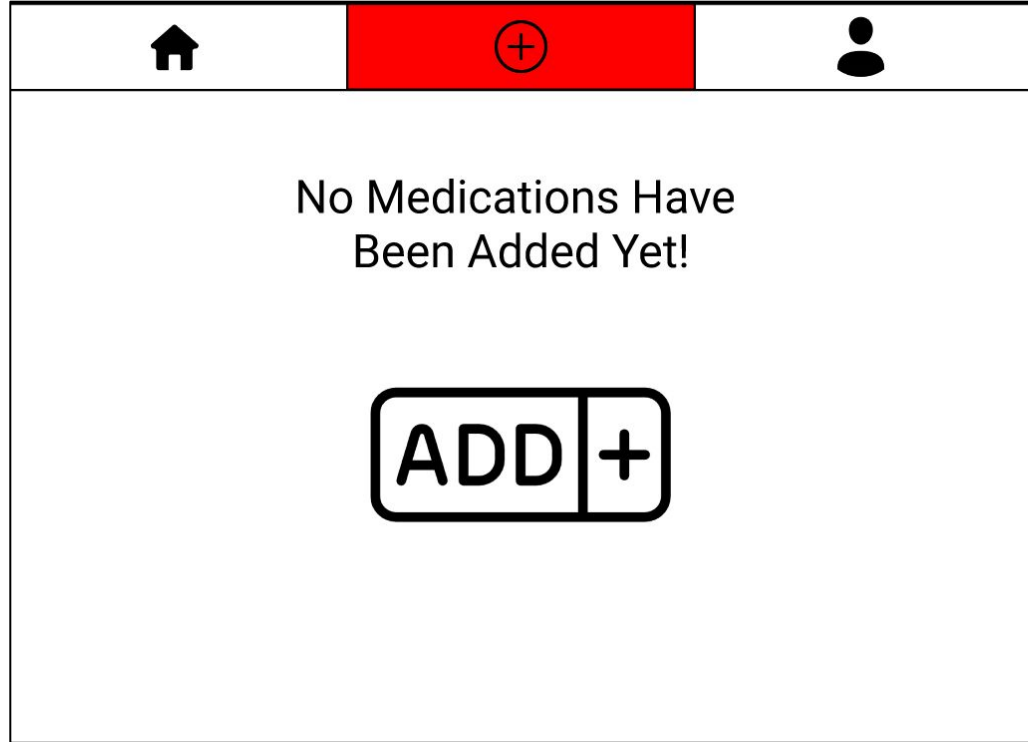
3a) Home Page (unpopulated state)






3b) Home Page (populated state)

		
<div data-bbox="714 369 1205 423"><h3><u>Medicine Schedule</u></h3></div> <div data-bbox="444 469 732 520"><h4>Amoxicillin</h4></div> <div data-bbox="450 536 685 722"></div> <div data-bbox="741 542 1078 584"><p>Take every 8 hours:</p></div> <div data-bbox="763 588 921 711"><ul style="list-style-type: none">• 6 AM• 2 PM• 10 PM</div> <div data-bbox="444 755 795 814"><h4>Hydrocodone</h4></div> <div data-bbox="450 821 685 1007"></div> <div data-bbox="741 828 1078 870"><p>Take every 6 hours:</p></div> <div data-bbox="763 874 921 996"><ul style="list-style-type: none">• 6 AM• 12 PM• 6 PM</div>		

4a) Add Medicine Page (unpopulated state)




4b) Add Medicine Page (populated state)



ADD+

Current Medications Added


1. Amoxicillin



Take every 8 hours:

- 6 AM
- 2 PM
- 10 PM

2. Hydrocodone






Take every 6 hours:

- 6 AM
- 12 PM
- 6 PM

5) Descriptions of Medicine Page


		
<div data-bbox="734 327 1186 401"><h1>Hydrocodone</h1></div> <div data-bbox="776 430 1147 670"></div> <div data-bbox="432 709 1472 838"><p>Hydrocodone belongs to the group of medicines called narcotic analgesics (pain medicines). It acts on the central nervous system (CNS) to relieve pain, and stops or prevents cough. When hydrocodone is used for a long time, it may become habit-forming, causing mental or physical dependence.</p></div> <div data-bbox="606 891 931 965"><div>Exit</div></div> <div data-bbox="993 891 1317 965"><div>Delete</div></div>		

6) Home Page (populated state after deletion)



Medicine Schedule

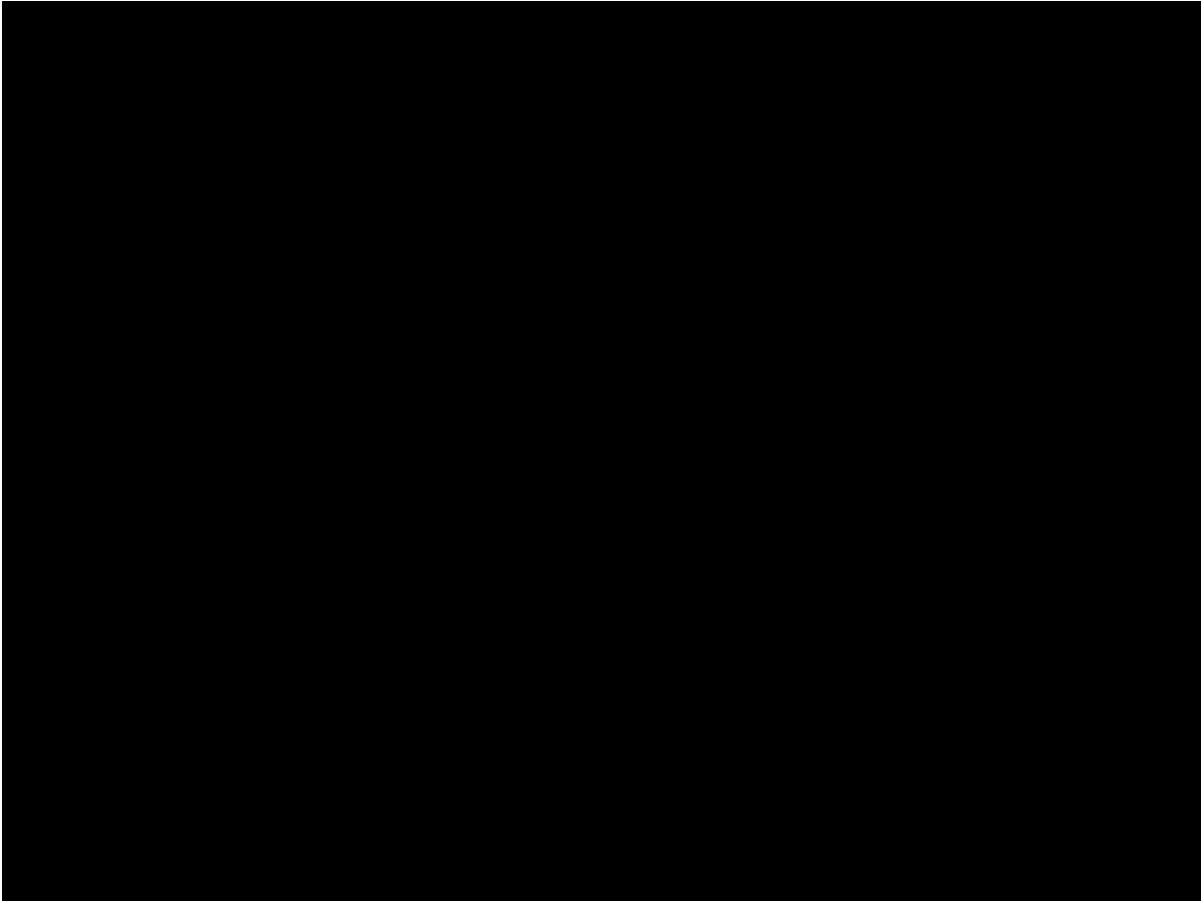
Amoxicillin



Take every 8 hours:

- 6 AM
- 2 PM
- 10 PM

Demo Video



End of Slides