

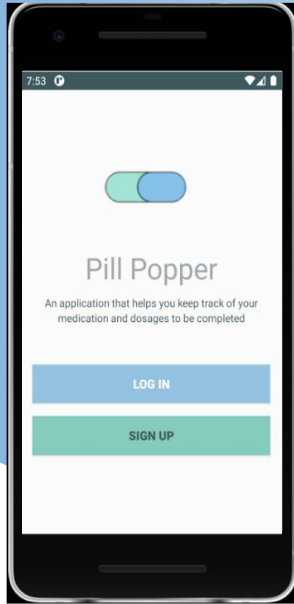
An abstract graphic consisting of a large, irregular blue shape with rounded corners and a thin, light blue outline, positioned in the upper right quadrant of the slide.

Final Project - Pill Popper

Made By: Kelly Trujillo & Serena Zarate



About



Pill Popper allows the user to **keep track of their medication intake** to help prevent from over-medicating and to easily manage their medicine right from their own device!

Features

- Save login credentials
- Apply intake amount
- Reminders/Notifications
- Overlook weekly/daily dosage



Sensors

- Notifications/Reminders
 - Vibrate

The image shows a smartphone screen displaying a medication management app. The status bar at the top shows the time 8:07, a location icon, and signal/battery indicators. The app's header is a blue bar with a back arrow and the title "Set Duration & Dosage". The form contains the following fields:

- Name of Medication:** A text field containing "Aspirin".
- Time of first dose:** An empty text field.
- Total No. of tablets:** A text field containing "2".
- No. of times taken:** A text field containing "1".
- Frequency:** A dropdown menu currently showing "Daily".
- Milli Grams:** A text field containing "5".
- No. of pills taken:** A text field containing "2", with a red underline.

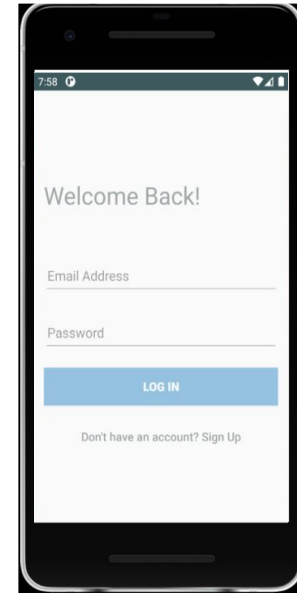
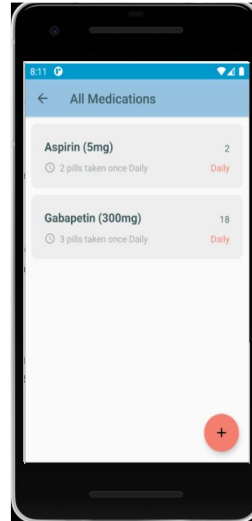
At the bottom of the form is a large red button labeled "SAVE".

Persistence & Info. from server

Persistence



- Remembers Login credentials
- Saves
 - List of medication
 - Dosage
 - Date/Time



Get Info. from Server



- Resave & Store Data
 - Login Cred.
- Updates any edits

Reference:

<https://android.jlelse.eu/5-steps-to-implement-room-persistence-library-in-android-47b10cd47b24>

Firestore

5

Pill Popper

Go to docs

Authentication

Users Sign-in method Templates Usage

Search by email address, phone number, or user UID

Add user

| Identifier | Providers | Created | Signed in | User UID |
|----------------------|-----------|--------------|--------------|-------------------------------|
| test@gmail.com | | May 10, 2020 | May 10, 2020 | XpTsH2XXi2avDzFZM1X57hVy4C... |
| ktmjQ5@msudenver.edu | | May 9, 2020 | May 9, 2020 | aDFXTo4SDBK0W8t3aGXFa2Q2 |

Rows per page: 50 1-2 of 2

pill-popper-f4f53

users

NjkSAE1Qludz4KG6pMeWncm6cWk1

email: "serrena@gmail.com"

medicines

XpTsH2XXi2avDzFZM1X57hVy4Cm2

email: "test@gmail.com"

medicines

-M77JbLdGNTVabNcba0-

dosage: "2 pills taken 3 times daily"

formattedName: "tylenol (5mg)"

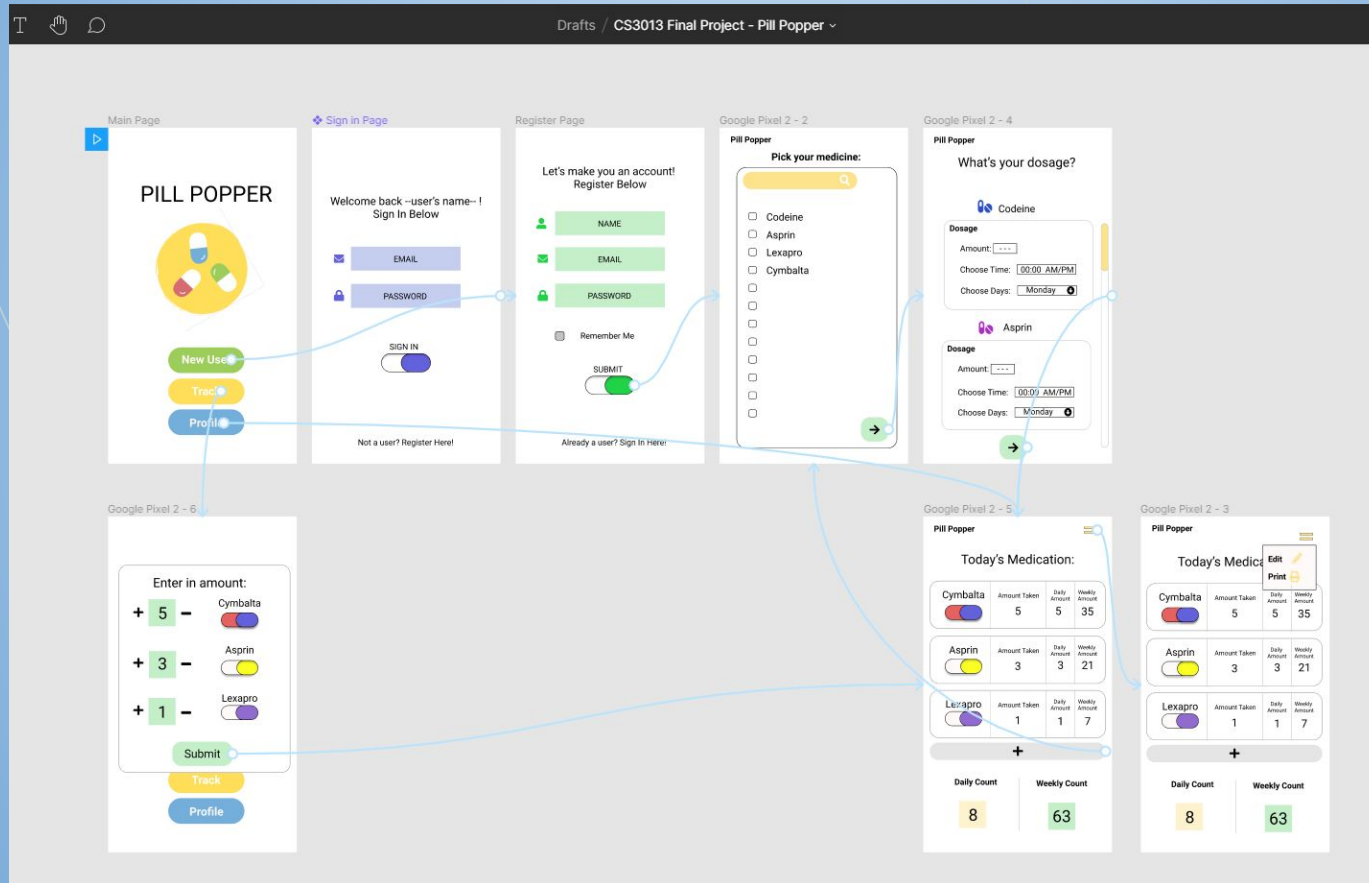
formattedTime: "03:58 AM"

hour: 3

id: 4

medTimeId: 0

Mobile Mockups





Reflection

What went well:

- Communication
- Making prototypes helped with user flow

What we'll do next time:

- Have the ability to print
 - Bluetooth functionality

Blockers

- Overlap of other class assignments
- Problems with recyclerview
- Implementing the Shake sensor
- Updating the data in Firebase