# Your personal digital medicine cabinet.



## **The Problem**

80% of survey respondents (ages 18-72) do not completely understand their medication and would like more information about what it does and their condition.

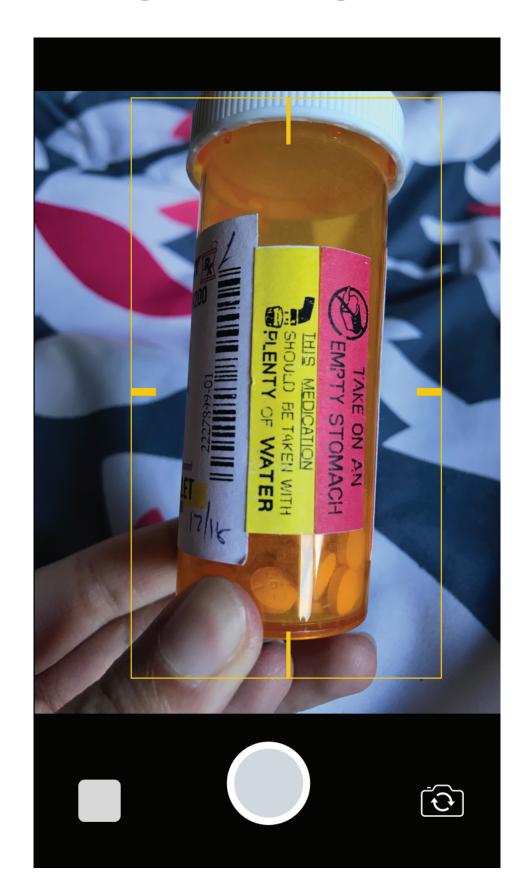
Poor patient health literacy is the result of an information gap between a doctor's diagnosis and the patient's understanding of the diagnosis and prescribed medication.

# **Our Solution**

## A mobile app that simplifies complicated medical terms

We use computer vision algorithms to process the picture of a pill bottle label and break the text down into understandable terms and increase the accessibility of pill bottle labels. With DigiMed, patients will always be informed of whats really going on in their medical treatment process.

#### Image Recognition



#### Search Result

| ×  | Save                |  |  |  |
|--|---------------------|--|--|--|
| Warfarin So  | odium               |  |  |  |
| Coumadin, Jantov   | vin                 |  |  |  |
| Blood thinner<br>Used to treat and                                       | prevent blood clots |  |  |  |
| Directions   |                     |  |  |  |
| Take medication by mouth with or without food as directed by your doctor |                     |  |  |  |
| Dosage   | Prescription #      |  |  |  |
| Once a day   | 812938473           |  |  |  |

### User Profile Settings

| Profile        |           |
|----------------|-----------|
| Katherine      |           |
| Language       | English 3 |
| Reminders      |           |
| Privacy Policy | :         |
|                |           |

| Total Pills<br>60 |          | Refills Remainir<br>2 | ıg      |
|-------------------|----------|-----------------------|---------|
| Doctor            |          | <b>Pharmacy Phone</b> |         |
| John Johnson      |          | (425)-313-4200        |         |
| <b>Q</b>          | [O]      | Saved                 | A       |
| Search            | Identify |                       | Profile |

|                    | Sign Out        |       |              |  |  |
|--------------------|-----------------|-------|--------------|--|--|
| <b>Q</b><br>Search | [O]<br>Identify | Saved | A<br>Profile |  |  |

Take a picture of a pill bottle label and our app will extract key information

View and save the results to add your medication to your digital medicine cabinet

Set reminders for taking medication and access accessibility settings from your profile



**Dominick** Tavitian Austin Hsu David Yuan Sanjana Galgalikar

