PillPal - The Perfect Pill Management Solution

- *Byte Crunchers*

Technovision Hackathon

Team name :
Byte Crunchers

Team Members :
- Simran Patil   1032221153
- Abubakar Siddiq   1032221182
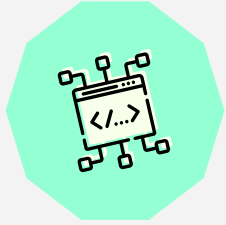- Shirsha Arya   1032220840

Table of contents

Area : Hospital and Medical field

Problem Statement : To optimize the tracking of medication schedules in an interactive manner which also recommends the best doctors in the area

01

Problem vs *solutions*

An Interactive Medication Management System

Problems

1. Typical Pill management apps are <u>overwhelming</u> and don't feel rewarding.
2. <u>Lack of an integrated healthcare portal,</u> making it difficult for those who are not well versed with technology to find the right services.
3. Typical pill reminder apps <u>do not provide a creative solution</u> to send effective reminders to the user that don't merely remain to be a notification.
4. <u>Medication complexity</u>: some medication regimens are highly complex, the app must be capable of accommodating various dosage, frequencies and interactions.
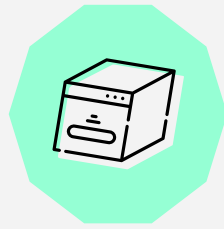
Them

The traditional medication management solutions are often overwhelming , complex and do not provide a creative interactive solution.
They often aren't personalized or cost effective and can be tough to get used to.

Us

Our solution is an interactive rather a game field version of the traditional ways that aid users and makes them independent to management their medication, alert them for pill timings, restock and recommend the best medical professionals nearby which is often hard to keep track of and overwhelming.

SOLUTION

- Optimizing medication schedules with an <u>interactive app</u> can <u>alleviate the overwhelming burden</u> of medication management by offering **personalized solutions, visual reminders and tracking capabilities.**
- The app <u>empowers</u> individuals to better adhere to their medication requirements, <u>reducing the risk</u> of missed doses and any related complications.
- Additionally, they <u>provide valuable doctor recommendations</u> and simplify their healthcare experience, ultimately enhancing users' confidence and control over their healthcare while <u>minimizing stress and confusion</u> associated with multiple medications.

SWOT analysis

Strengths

Patients can feel comfortable and welcomed if they effectively manage their own healthcare and data while managing their health. If patients can actively participate in their healthcare.

Opportunities

The increasing adoption of smartphones and digital health technologies creates an opportunity to leverage these tools to address medication management challenges.

Weaknesses

People that aren't very tech savvy , especially the elderly may have issues navigating through the traditional app.

Threats

Might not be as accurate as in person medical solutions.

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Product overview

Interactive GUI to identify problems

Gamified Human figured shaped GUI to help locate problem

Simplifies Complex Medication with reminders

Sends reminders according to users pill schedules
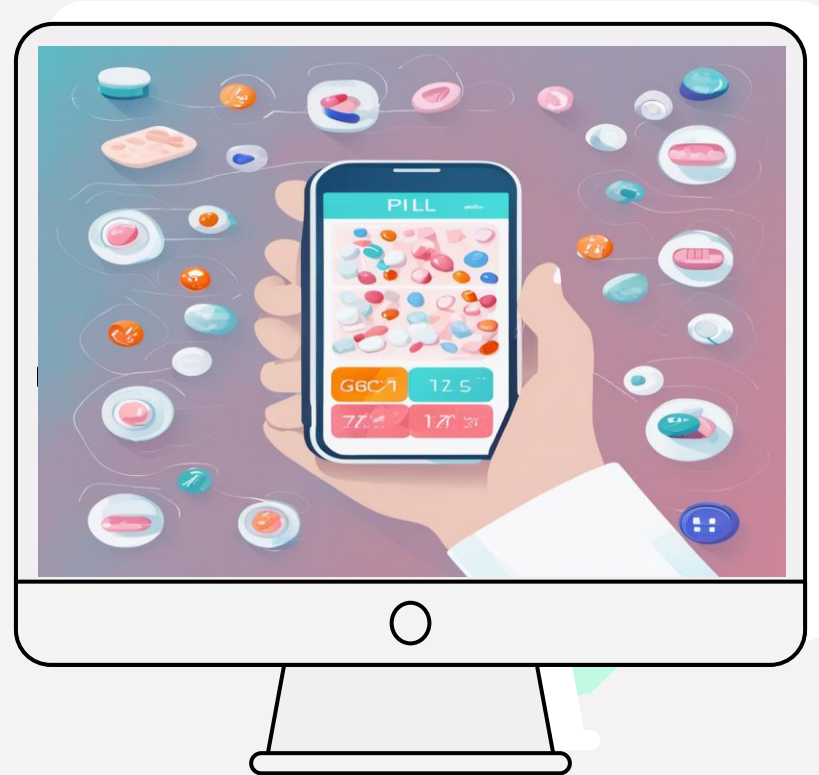
Medication restock / appointment alerts

Alerts the user few days prior to restock / appointment scheduling

Suggests the best medical professional

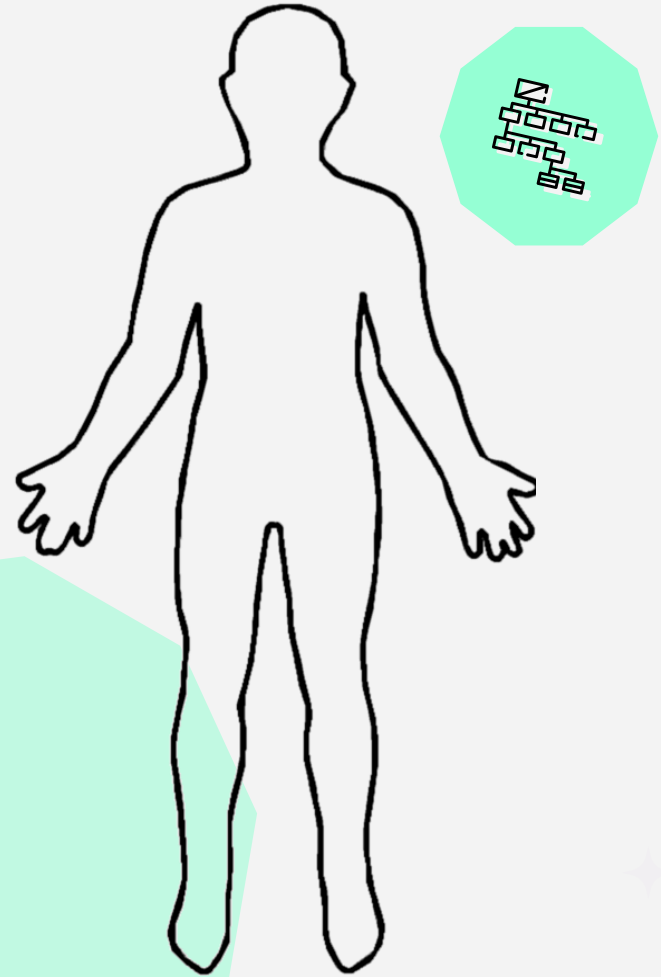Suggests the best medical professional nearby according to the chosen area on the human body GUI

Product

PillPal - The
Perfect Pill
Management Solution

Gamified Human Figure GUI

Users can navigate the app using this friendly interface, making medication management a more engaging and efficient process.
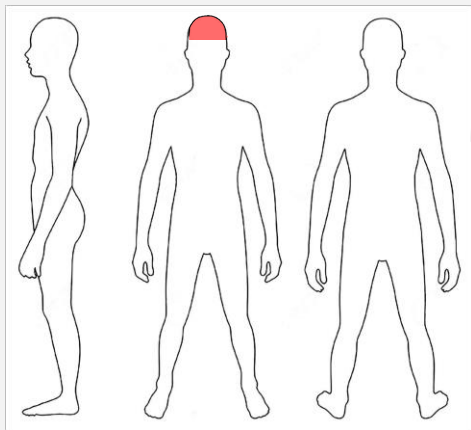
PILLPAL employs a fun and interactive human figure GUI, providing an intuitive and enjoyable user experience.
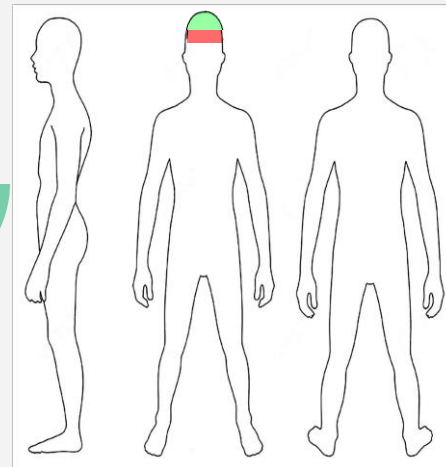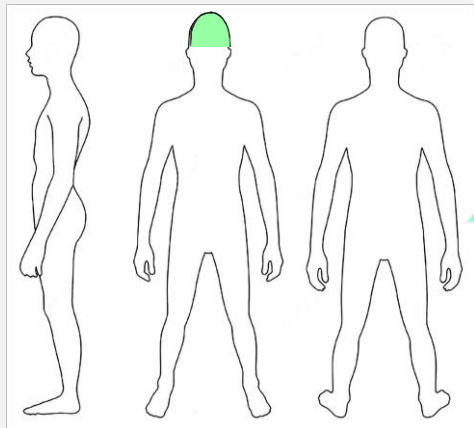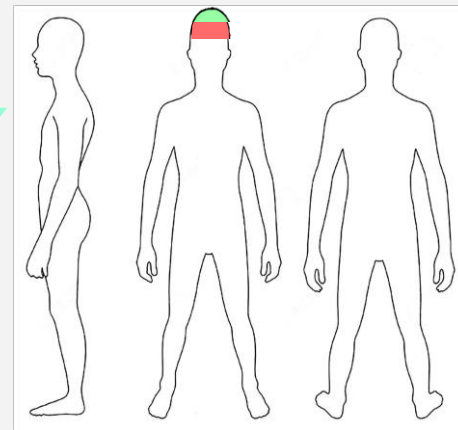
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Working :
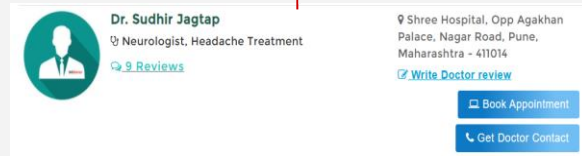
The User Selected Area gets highlighted to red
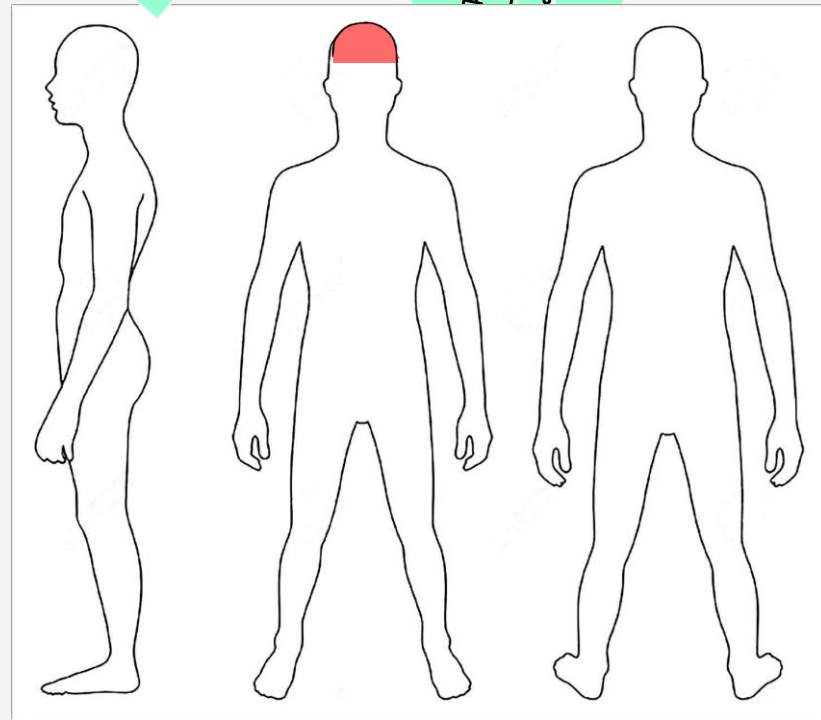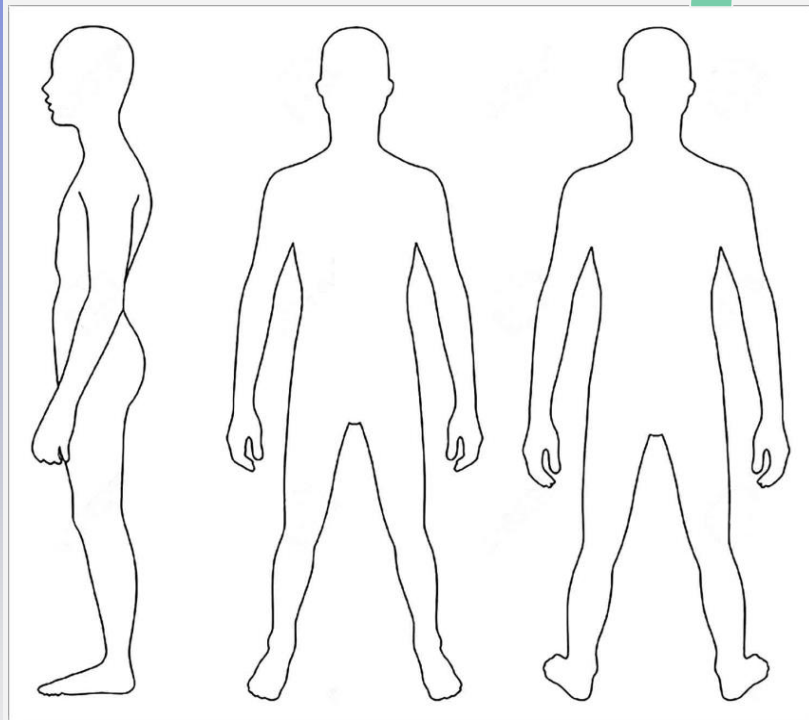
With every dose of medication, the red area turn to green eventually

Suggesting the Best medical Professionals nearby

Dr Vivek Mundada
🎓 MBBS, DCH, DCH (UK), MRCPCH (UK), CCT (London)
⚕ Pediatric Neurologist, Headache Treatment
19 Years Experience
✔ Verified

📍 Synapse Child Neurology, 613, 6th floor, Spot 18, Jagtap Dairy Chowk, Rahatni, Pimpri Chinchwad, Pune-27 and 3 more address.
🕐 Mon,Tue,Web,Thu,Fri,Sat (6:00 pm - 8:00 pm)
Fees ₹ 1000

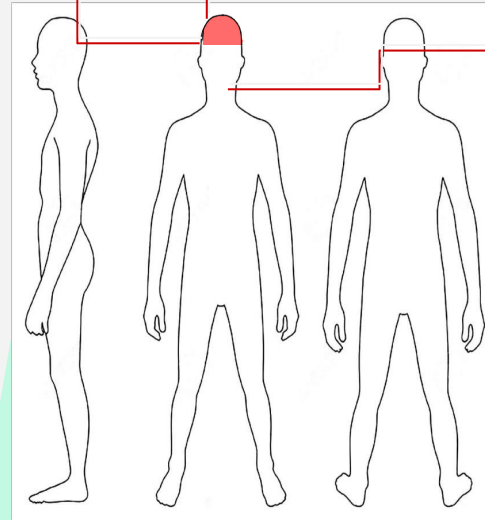**Dr. Sudhir Jagtap**
⚕ Neurologist, Headache Treatment
💬 9 Reviews

📍 Shree Hospital, Opp Agakhan Palace, Nagar Road, Pune, Maharashtra - 411014
✏ Write Doctor review
💻 Book Appointment
📞 Get Doctor Contact

Dr. Sandeep B Patil
🎓 MBBS, MD, FIPN, FIPE (Australia)
⚕ Pediatric Neurologist, Headache Treatment,Epileptologist
👍 97%
✔ Verified

📍 Apex Clinic, Flat No-4 , First Floor, Shirole Road, Opposite F.C College Main gate, Shivaji Nagar, Pune
Fees ₹ 700
✏ Write Doctor review
📞 Get Doctor Contact

Access to suitable healthcare professionals encourages regular check-ups and fosters a proactive approach to health.

PILLPAL uses user data and preferences to recommend nearby healthcare professionals, making it easier for users to find the right medical support.
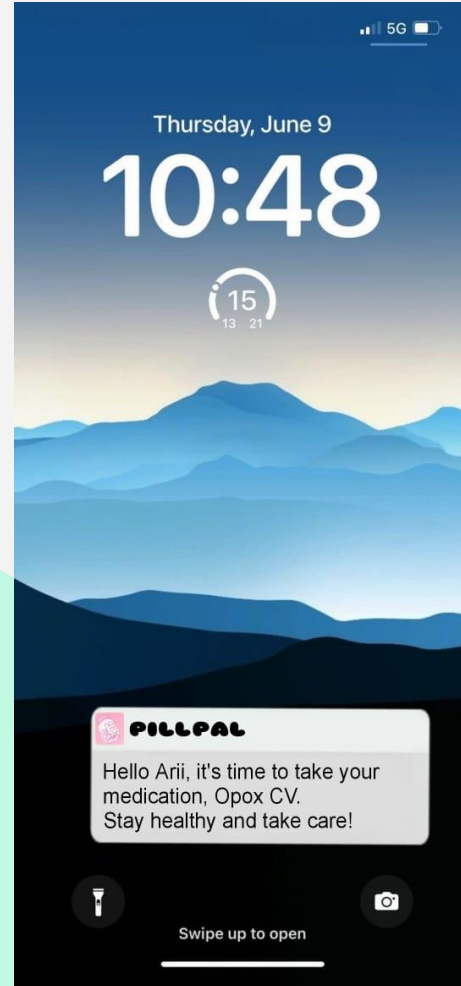
Timely Reminders

Take your pills on time, every time, with PillPal.

Timely medications is crucial for successful treatment outcomes and overall well-being.

PILLPAL sends personalized reminders at scheduled times to prompt users to take their medication as prescribed.
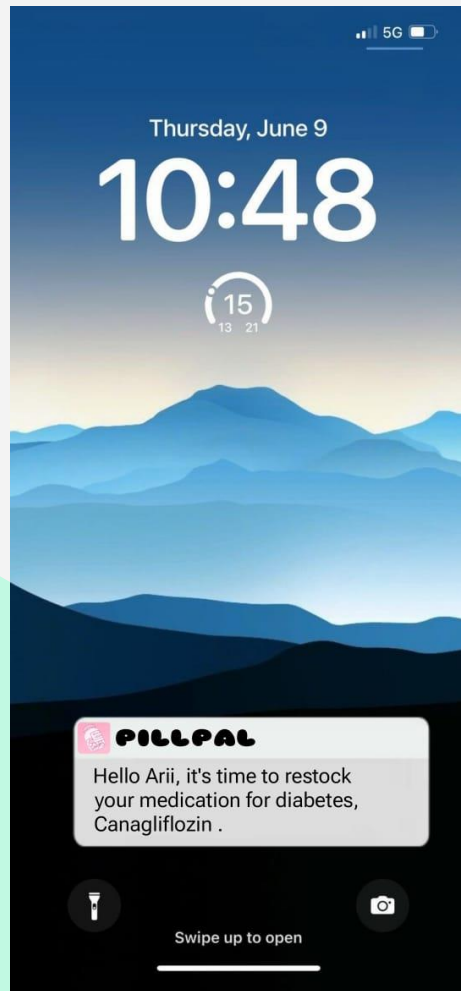
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Restocking Reminders

Continuous medication supply is vital for managing chronic conditions and maintaining a healthy lifestyle.

PILLPAL tracks medication supply and notifies users a few days before they run out, ensuring they never miss a dose.

CHARACTERISTICS OF PILLPAL :

PARAMETERS:

COST	9/10
USEFULNESS	10/10
EASE OF USE	10/10
INTEGRATION WITH OTHER SOLUTIONS	9.5/10
RELIABILITY	9.5/10
INTUITIVENESS	9/10
HEALTH OUTCOMES	9.5/10
INDEPENDENCE	10/10

The **PRESERVATION** of health is easier *than the **CURE** of the disease.*

THANKYOU!!
TEMPLATE CREDIT : SLIDESGO