



DIGITAL PRESCRIPTION

Health Care

SOLUTION BY RK 4



MEET OUR TEAM



DEV BHAVSAR(LEADER)

EMAIL:dev23bhavsar@gmail.com

PHONE :8799535500

Role: Guiding a team and ensuring that all the project work is on schedule.



RAVI CHODVADIYA(CO-LEADER)

EMAIL:ravichodvadiya1@gmail.com

PHONE :8866386647

Role:Create a workspace that encourages creativity and innovation to get the most out of the team

FRONT END DEVELOPERS



ANSHU MAHESHWARI



DEV PATEL
Role : Designing Pages
using React Js



YOGI PATEL
Role: User Interface
Designer(figma),Reactjs
development

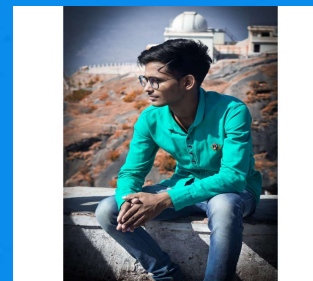
BACK END DEVELOPERS



JAL SHAH
Role: Backend And
Frontend coordinator



DIV PATEL
Role: Backend developer
and database integrator



MIHIR PATEL
Role: Solving issues and finding
opportunities for improvement,
compiling and analysing data,
procedures and codes

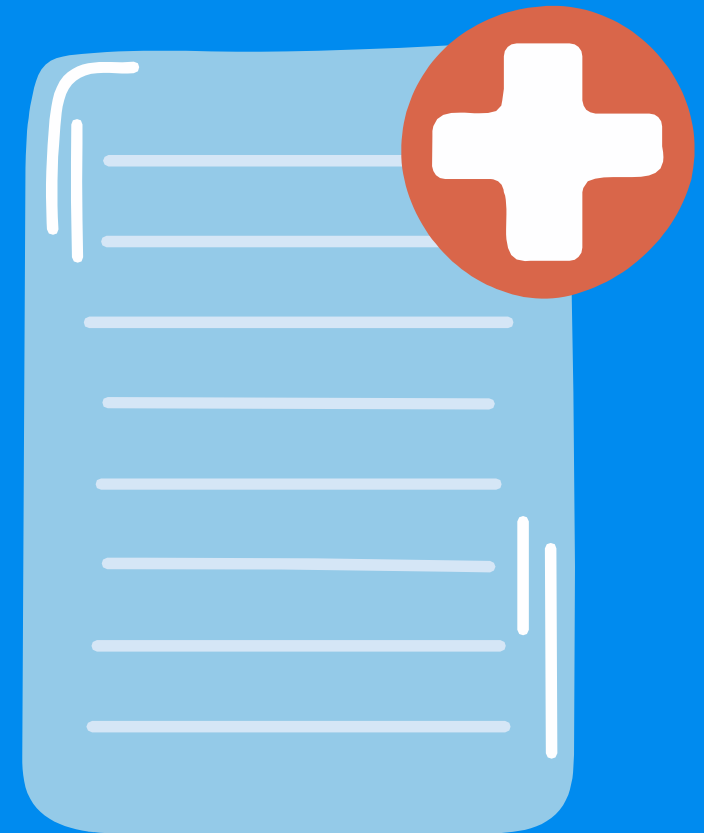
OUR MISSION

Create a technology to improve adoption by doctors, nurses and other health/administrative workers in state healthcare facilities to use the HMIS software.



Barriers

- There are health-care profession today who are tech-illiterate and struggle to work with technology. Their techno-phobic behaviour restrict them from advancing in tech based product
- healthcare worker who can cooperate with working with technology appears to be having shortage of time to learn something new that is not related to their scope of interest.
- Few workers also fear moving to tech will make everything communal and their business strategies might be affected.



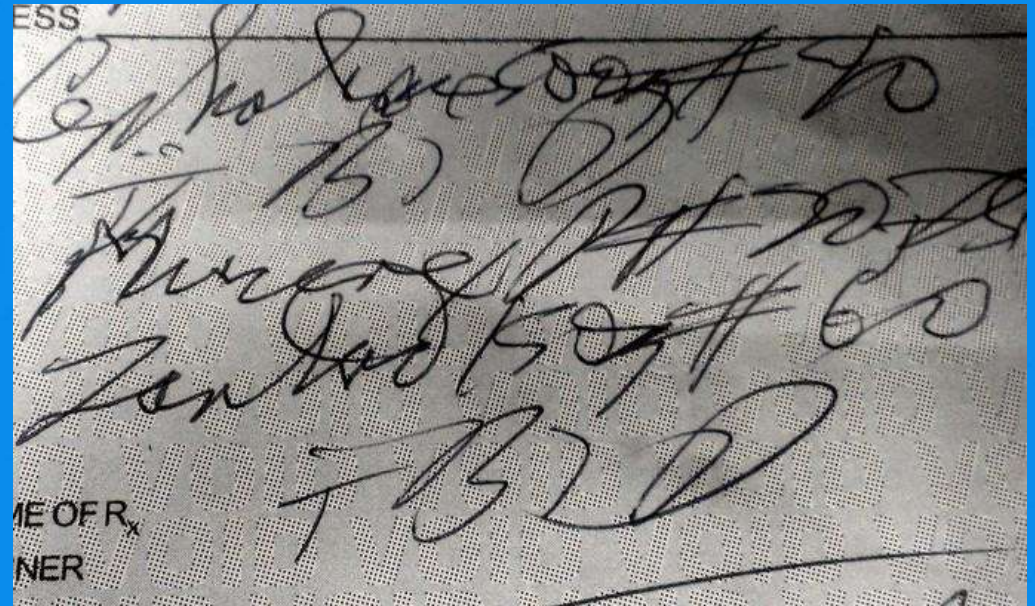
POTENTIAL SOLUTION1

HANDWRITING RECOGNITION

- Doctor's handwriting is decoded with help of AI and result transferred to pharmacist where necessary prescription are gathered

DRAWBACK

- This method of Digitization can cause distress to patient due to possibility of minor change in handwriting



POTENTIAL SOLUTION 2

SPEECH TO TEXT

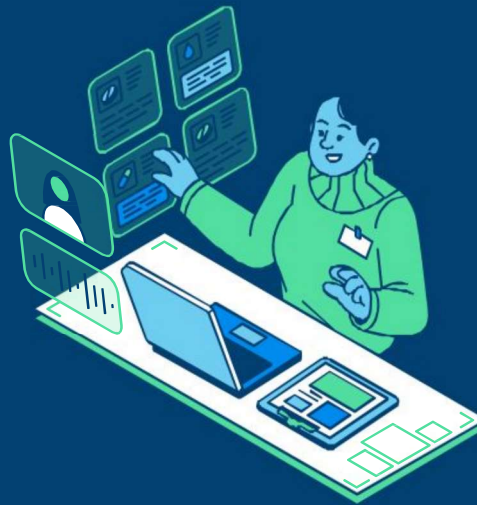
- Doctor and patient information is recorded and from keywords during conversation patient report and suggested medicine are generated

DRAWBACK

- It is not effective because it will have moderate accuracy due to other noises and can risk generation of false report



OUR APPROACH



DATA DIGITIZATION BY PHARMACIST

–For digitalization of patient's medical record and transparent medicine management we will encourage Pharmacist to scan medicine and import that to patient's online portal.

CONCEPT

- Doctors writes prescription as usual on piece of paper.
- Prescription is read by pharmacist and appropriate medicine is selected
- All the medicine comes with Barcode scanner that pharmacist are using to keep count of medicine in their store



PROCESS AT PHARMACIST

- Pharmacist Enters patient registration number which is connected to patient online portal
- Pharmacist scans medicine which is prescribed by Doctor for billing purpose and with generation of bill record of medicine is transmitted to patient's portal.



PROCESS AT HOSPITAL

- At hospital Patient is first attended by registration counter. For new patient registration number is generated.
- With Doctor's login id and patient registration number Patient portal open up where record of past perception appears.



BUSINESS MODEL

- Barcode on medicine can be scanned by barcode scanner or barcode scanner app on their mobile device
- Barcode scanner that scans medicine with quantity are ONLY sold for USD \$99.00 on Amazon
- Simple Barcode scanner are only sold for \$39 on Amazon
 - computer or mobile can be connected to update count of medicine
- This method Not only takes doctor's prescription to dashboard but it also does not require any extra resource or time hence it's trusted to be economical





2D Wireless Barcode Scanner, JRHC Portable Inventory Scanner & Data Collector 2.4G Bar Code Reader Long Transmission Distance with 2.8 Inch LCD Screen for Warehouse, Library, Pharmacy, Supermarket, Store

[Visit the JRHC Store](#)

3.7 ★★★★★ - 37 ratings | 22 answered questions

Price: **\$99.88**

Size: 2D

1D

\$86.88

2D

\$99.88

Compatible Devices

Laptop

Power Source

Corded Electric

Brand

JRHC

Connectivity Technology

Wireless / USB cable

Number of Batteries

1 Lithium Polymer batteries required. (included)

Market Opportunity

- This method does not alter doctor's way of writing perception.
- Through this approach no one is also accountable to learn anything new because pharmacist are already using scanner for point of sale(POS) purposes.
- This Effective Solution Does not require change in pattern of hospital routine therefore it can be easy to use and fast to adopt.



Execution Plan

- Our project is currently in development stage.
- We are aiming to utilize Rodic's connection with hospital for implementation and improvisation in our project.
- Initially we will implement our scan feature which does not require any technological literacy not only that it decreases the workload on doctor's side and encourages them to give a detailed report.
- Based on feedback of our initial step we will introduce some advance technological feature to digitize even more data
- As we move forward with our plan we will make changes on basis of the feedback received

Why Rodic

We want to work with Rodic because they're really good at coming up with new ideas and using them to make India better and Digital . When we looked into the company and we were amazed by your advanced technology and how you try to solve big problems. I like that you encourage teamwork and help your employees learn and grow. We believe the cause of this project can make our country more digitalised and more modern. And we want to be the one's to take this country and this company to new heights.

Thank You