



**RAPIDQUBE**

**TRANSFORMING BUSINESS PARADIGMS**



PHR SOLUTION

**Frictionless connectivity, supported by smart contracts and consistent authorization to access electronic health information**

# PHR SOLUTION

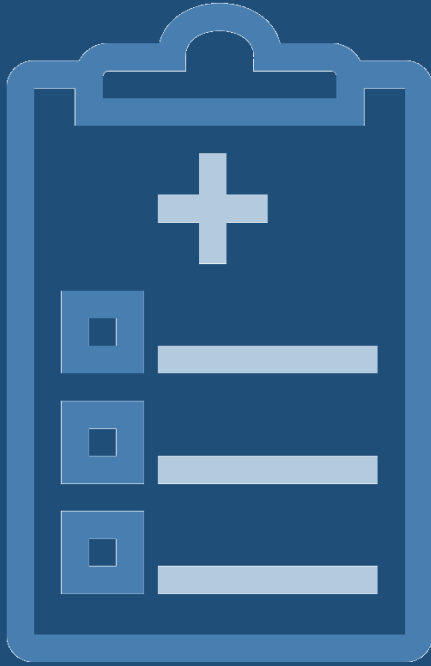
CONTEXT

STATE

SOLUTION

FEATURES





## PHR SOLUTION

### Facilitate near instantaneous settlement for transactions

- ❖ The platform leverages Decentralized ledger technology to track the movement of health records
- ❖ Provides distributed secure access to patient longitudinal health data across the distributed ledger
- ❖ Provides full transparency to the individual data owner and complete encrypted security

“ A blockchain powered health information exchange could unlock the true value of interoperability. Blockchain-based systems have the potential to reduce or eliminate the friction and costs of current intermediaries

UBIQUITOUS  
SECURE NETWORK  
INFRASTRUCTURE

NON-IDENTIFIABLE  
PATIENT DATA

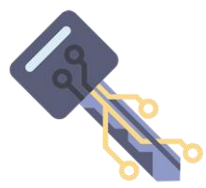


CURRENT STATE		PROPOSED STATE	
COST PER TRANSACTION	Given low transaction volumes, reduces the business case for central systems or new edge networks for participating groups.	REDUCED TRANSACTION COSTS	Due to disintermediation as well as near real time processing, would make the system more efficient
MASTER PATIENT INDEX (MPI)	Challenges arise from the need to synchronize multiple patient identifier between systems while securing patient privacy	DISTRIBUTED FRAMEWORK	For patient digital identities, which uses private and public identifiers secured through cryptography creates a singular , more secure method of protecting patient identity
VARYING DATA STANDARDS	Reduce interoperability because records are not compatible between systems	SHARED DATA	Enables near real-time updates across the network to all parties
LIMITED ACCESS	To population health data, as very few sources of integrated records	DISTRIBUTED, SECURE ACCESS	To patient longitudinal health data across the distributed ledger
INCONSISTENT RULES AND PERMISSIONS	Inhibit the right health organization from accessing the right patient data at the right time	MULTISIGNED TRANSACTIONS	Create a consistent rule-based method accessing patient data that can be permissioned to select health organization.

# SOLUTION



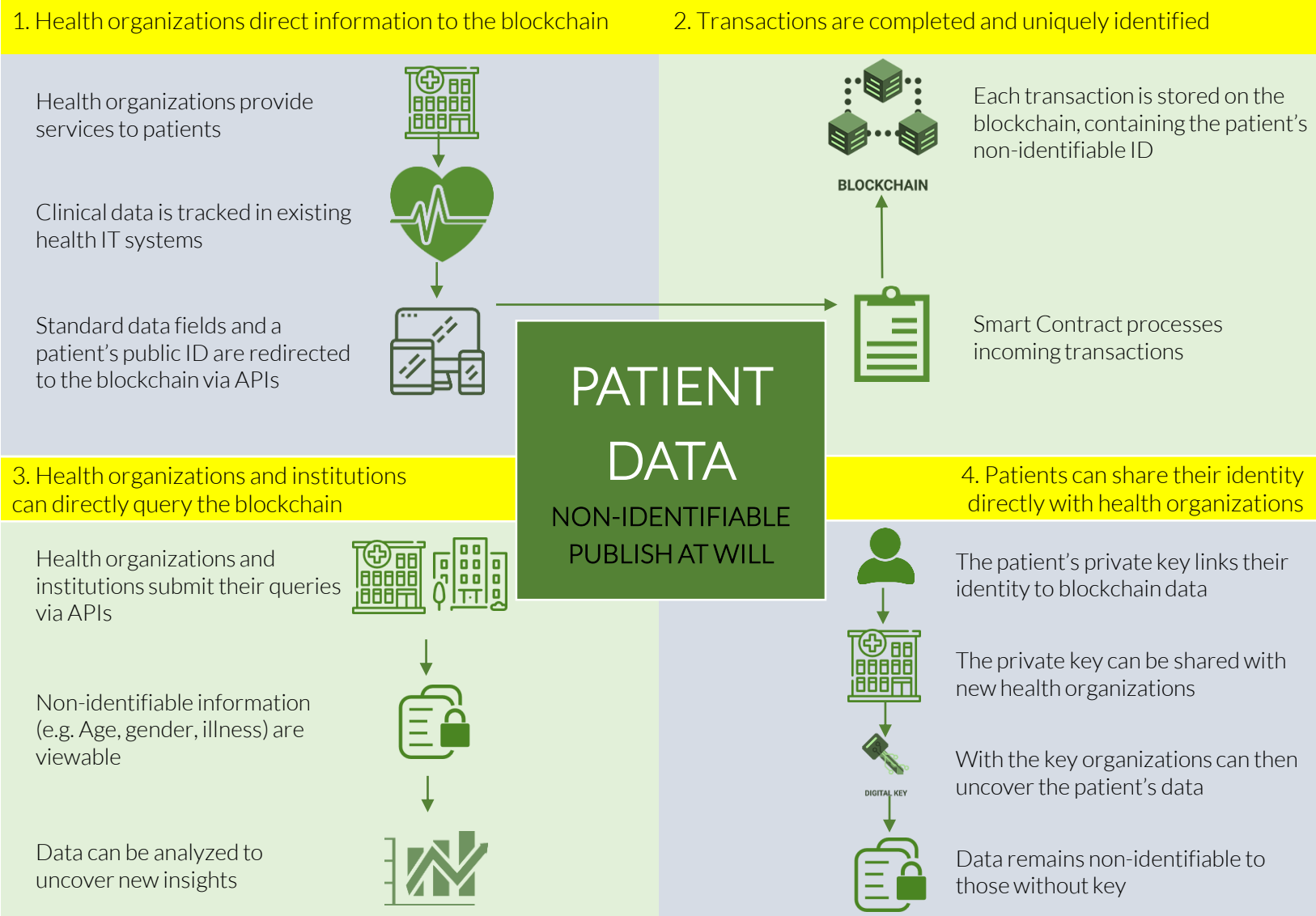
ENCRYPTED



DIGITAL KEY

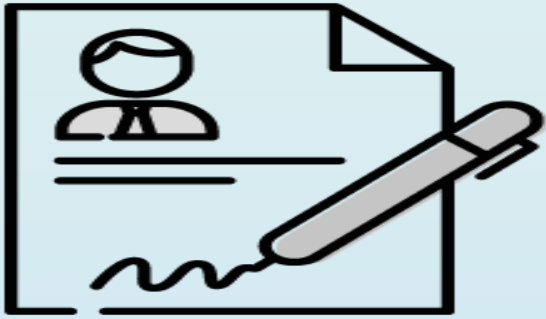


ANONIMITY



# FEATURES

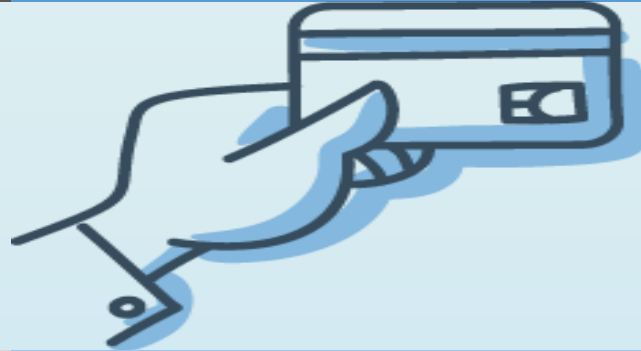
## DEMOGRAPHIC INFORMATION



Capture and maintain demographic trackable over time like

- Date of birth
- Gender
- Ethnicity

## CONTACT INFORMATION



Capture contact information including

- Addresses
- Phone numbers
- Email address of the unique user

## FAMILY HISTORY



Store a problem list that includes chronic Status: conditions, diagnoses, or symptoms and functional status, both past and present

Provide ability to manage problem lists over time, allowing documentation of history information and tracking the changing character of the problem and its priority

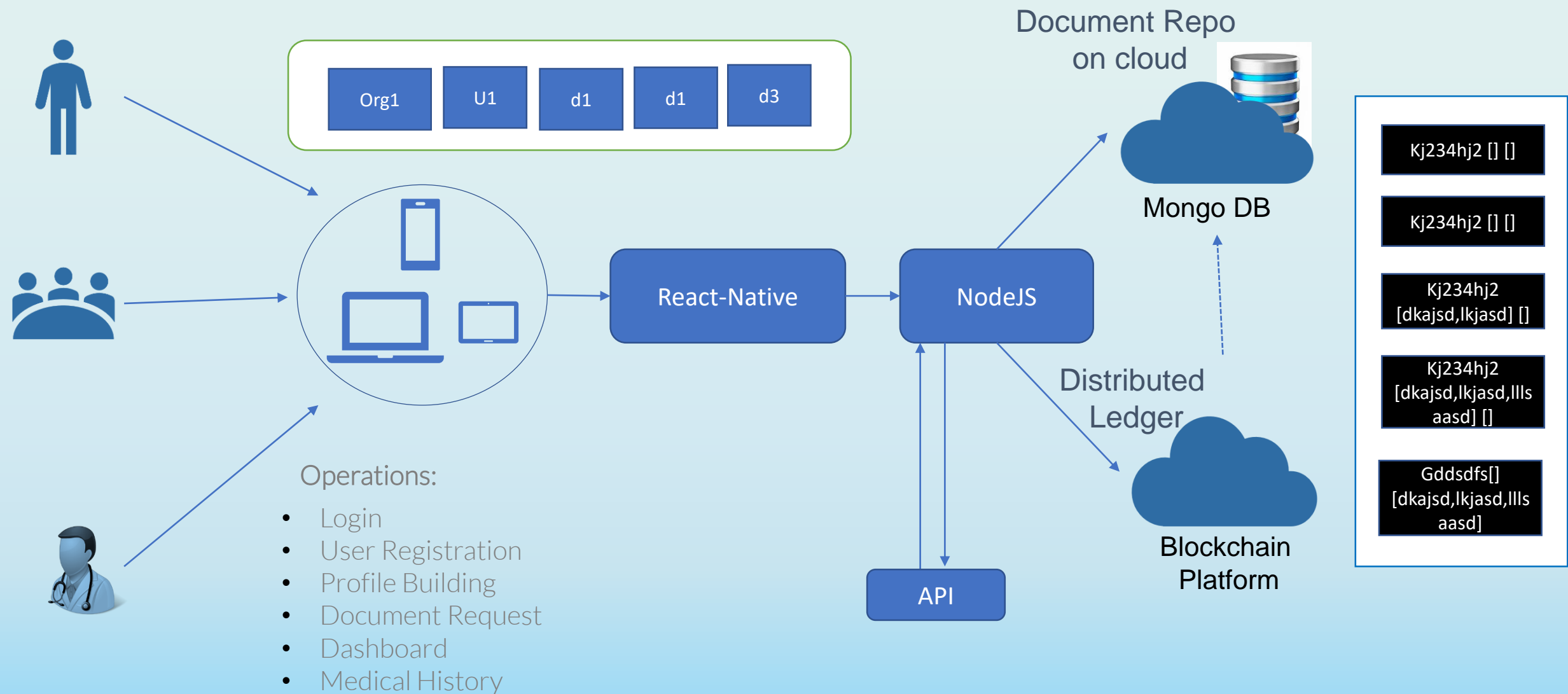
## HEALTH SUMMARY



Provide a one-screen, Printable, bulleted summary list of all of the information essential function areas that is sortable both chronologically and by category

A key feature of an personal health record is its ability to present, summarize, filter, and facilitate searching through the large amount of data

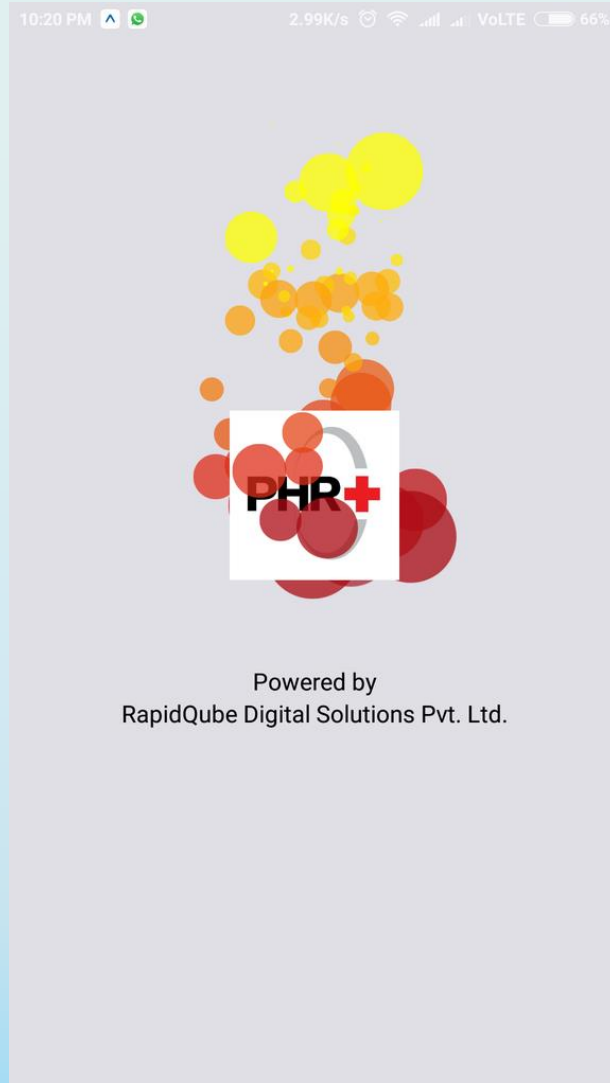
# PHR Solution – Architecture/Flow



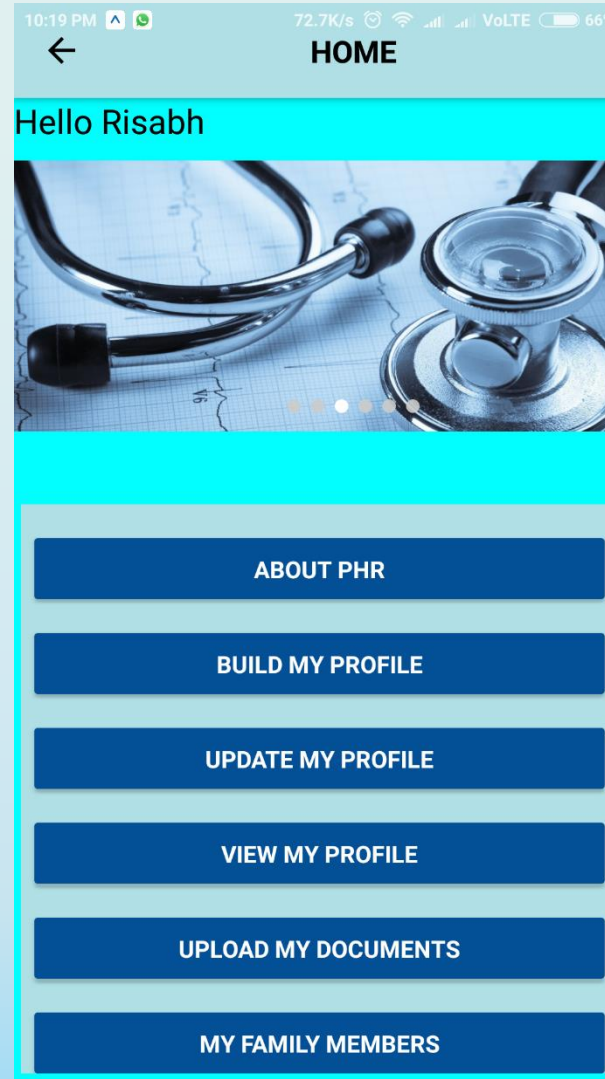


# PHR Solution – Screen Shows

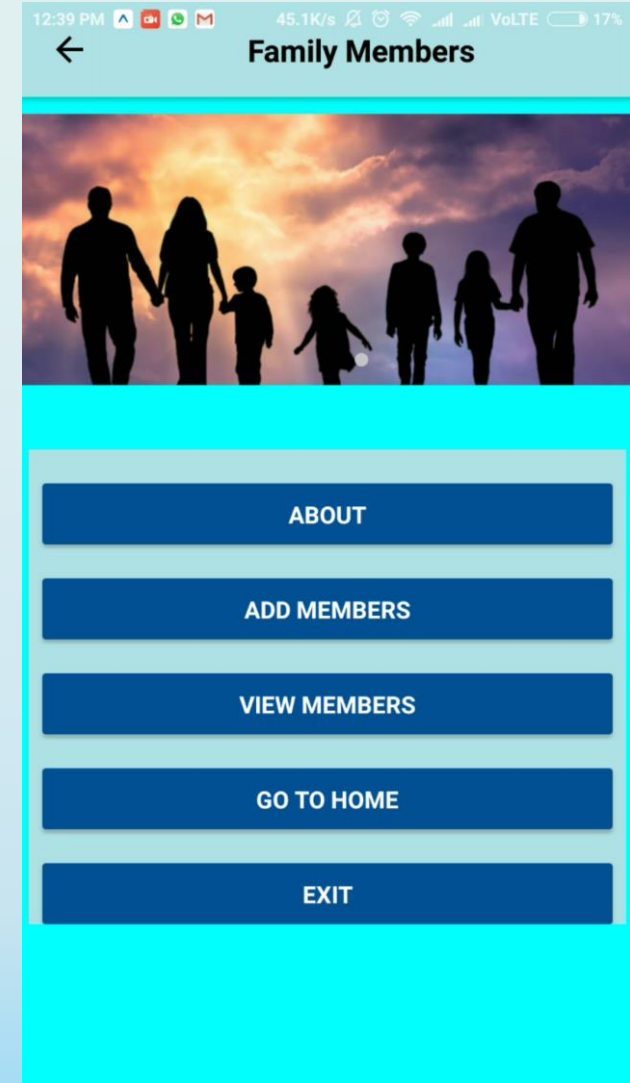
Start up



Menu

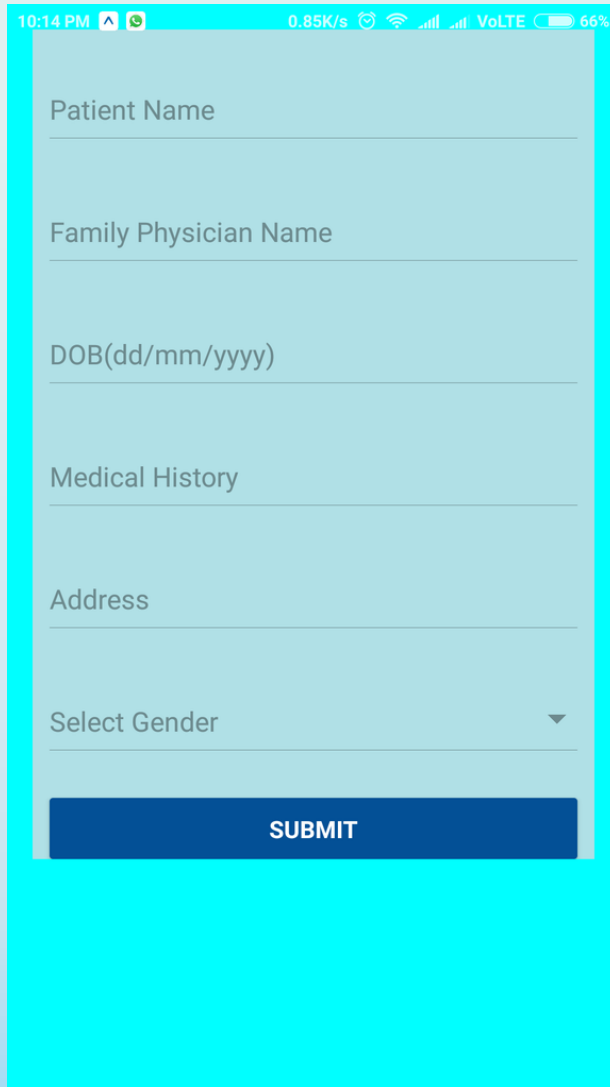


My Family Members Menu



# PHR Solution – Architecture/Flow

## Build Profile



10:14 PM 0.85K/s VoLTE 66%

Patient Name

Family Physician Name

DOB(dd/mm/yyyy)

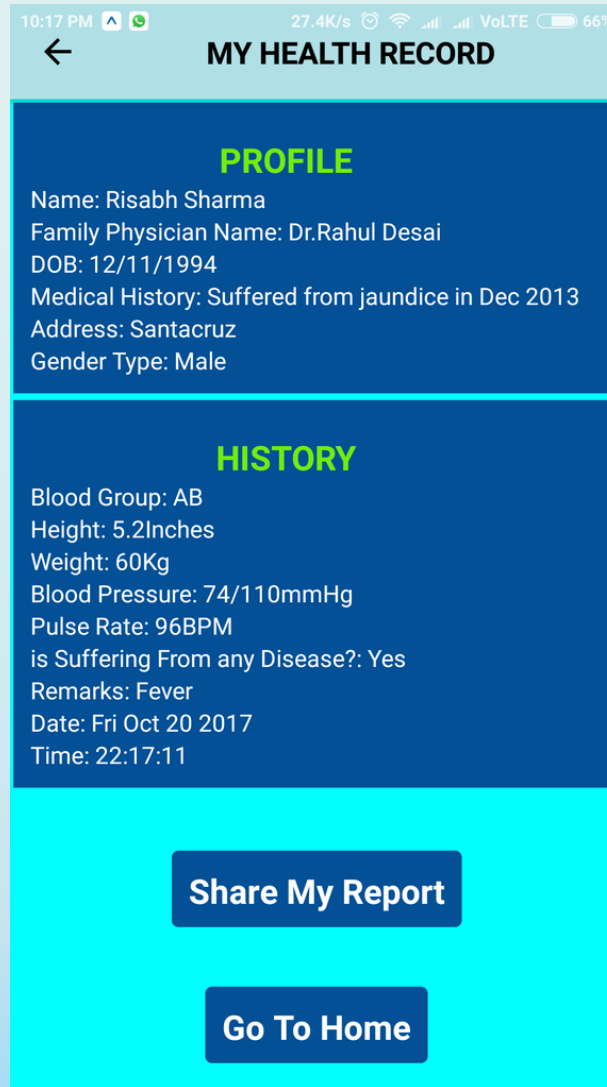
Medical History

Address

Select Gender

**SUBMIT**

## View My Profile



10:17 PM 27.4K/s VoLTE 66%

**MY HEALTH RECORD**

**PROFILE**

Name: Risabh Sharma  
Family Physician Name: Dr.Rahul Desai  
DOB: 12/11/1994  
Medical History: Suffered from jaundice in Dec 2013  
Address: Santacruz  
Gender Type: Male

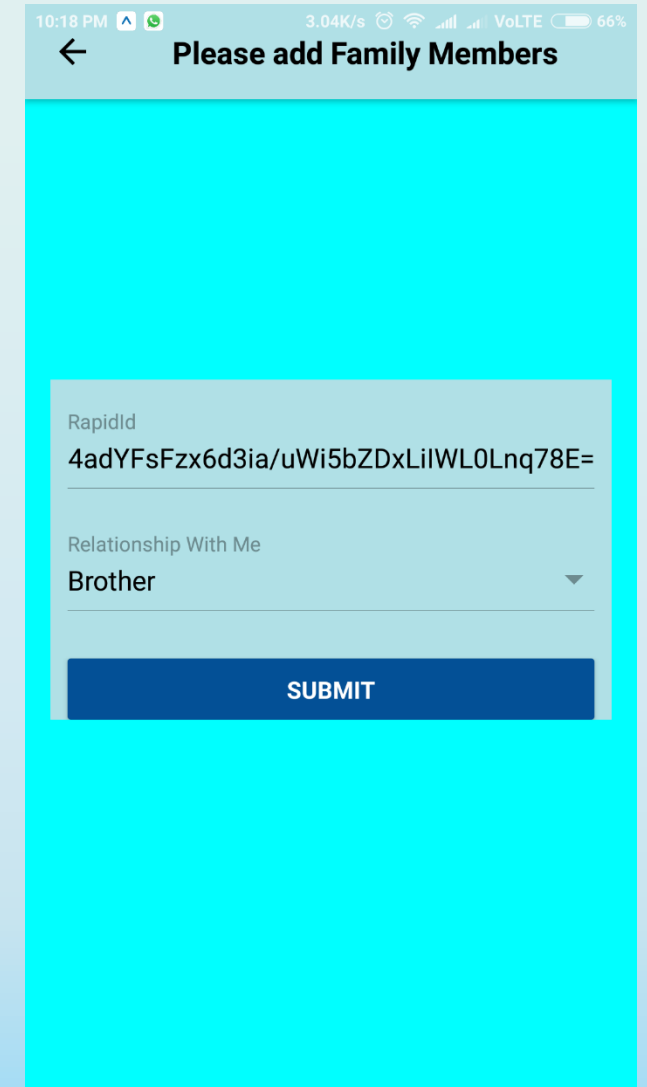
**HISTORY**

Blood Group: AB  
Height: 5.2Inches  
Weight: 60Kg  
Blood Pressure: 74/110mmHg  
Pulse Rate: 96BPM  
is Suffering From any Disease?: Yes  
Remarks: Fever  
Date: Fri Oct 20 2017  
Time: 22:17:11

**Share My Report**

**Go To Home**

## Add Members



10:18 PM 3.04K/s VoLTE 66%

**Please add Family Members**

RapidId  
4adYFsFzx6d3ia/uWi5bZDxLiIWL0Lnq78E=

Relationship With Me  
Brother

**SUBMIT**

# CONTACT

## TEAM



## OFFICE LOCATIONS



## CONNECT



[info@rapidqube.com](mailto:info@rapidqube.com)



[www.rapidqube.com](http://www.rapidqube.com)



<https://in.linkedin.com/company/rapidqube>



Mumbai, India



Chennai, India



Connecticut, USA



New Jersey, USA

# THANKYOU