

# MED-BOX

An initiative to provide access to meds across the nation.



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# MOTIVATION

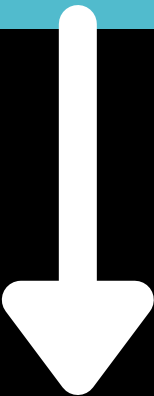
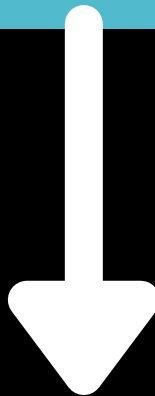
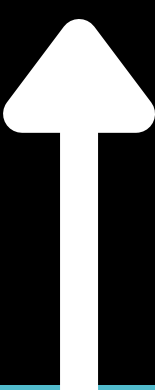
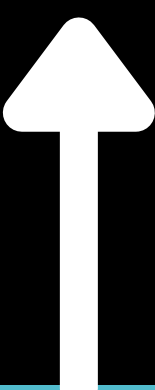
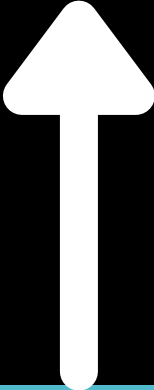
- ✓ Most impoverished people in most nations are caught in a vicious cycle in which poverty fosters illness, and illness breeds poverty.
- ✓ Medicine vending machines may be beneficial and hence significant in poor nations such as India, where healthcare is nearly non-existent.
- ✓ People in remote areas are unable to obtain medicines that the government provides them for free.
- ✓ The goal of this initiative is to provide individuals with access to medications through patient kiosks in public places such as drug shops, malls, bus/rail stations, motorways, and other regions where medical stores are scarce, ensuring medicine availability 24 x 7

# TIMELINE

REQUIREMENT ANALYSIS AND DESIGN

INTEGRATION AND TESTING

OPERATIONS AND MAINTENANCE



**JAN-FEB**

**FEB-MAR**

**MAR-APR**

BRAINSTORMING

CODING

IMPLEMENTATION AND DEVELOPEMENT

# DISTRIBUTION OF DUTIES:

## 1.RESEARCH

MAHESH- data gathering on frequently used medicines.(adults)

ASHRAF- data gathering on frequently used medicines.(infant)

SANJIL- data gathering on frequently used medicines.(old age)

LENIN- algorithm designing

## 2.PROTOTYPE

PUNEETH

SWETHA

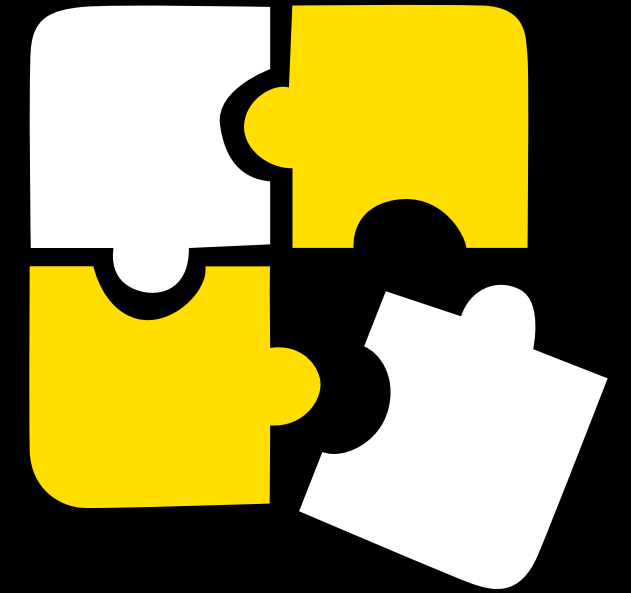
LENIN

SANJIL

ASHRAF

# CHALLENGES

- ✓ India ranks third worldwide for pharmaceutical production by volume and 14th by value.
- ✓ Making people in rural india understand its use.
- ✓ Creation of software that links med-box and adhar/card.
- ✓ capital for producing 4000+ med-box along with medicines.



# PROJECT OUTPUT

- ✓ Basic needed healthcare facility at rural areas ,at feasible rate.
- ✓ Avoiding misuse of medicines incases of suicides.
- ✓ Labor-free, easily accessible with Aadhaar cards.



# END PRODUCT

- ✓ • The Aadhar card reader is incorporated into the system. It is a tracking technology used to identify and authenticate tags that are applied to any product.
- ✓ Medicines form an integral part of this project as they are the main product, which are dispensed as per the prescription that is linked through our Aadhar card.
- ✓ Delivery of OTC medicine and first aid along with prescribed medication.
- ✓ Cash accepting module is implemented to accept money using ATM pin.
- ✓ A software is implemented that consists of a online interface for doctors to provide prescriptions electronically and a database to store patient information and prescriptions.
- ✓ To get the medicines one must authenticate himself by providing his user credentials.
- ✓ There are two interfaces for the portal, an android application and a website, users can access either and check all their details after yielding their user credentials.