



# DR. TECH

## SHE BUILTS SHE WINS



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# DIGITALISATION IN HEALTH SECTOR

THEME - HEALTH

## WHY WE CHOOSE THIS

Over 2 billion people are suffering and 150,000 people die every single day from diseases, which if known timely can be prevented. There is 50X growth in Health Data + 3,50,000 Digital Health, but still life expectancy is declining. The major reason behind it is that Collaboration & data sharing is punished in the market and we are paying \$157 billion to programmers for writing the similar code for online (AI) doctor.

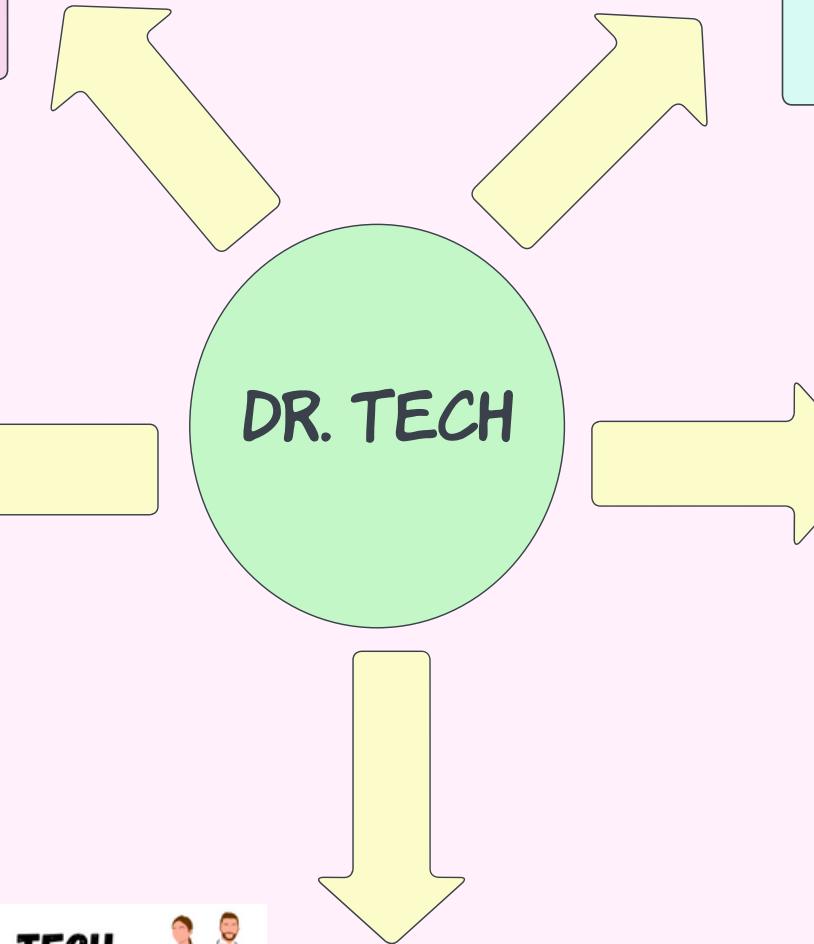
We have tried to bring all under one roof, one platform, which separately exists but are not commonly used. Under Ayushman Bharat Digital Mission, an agency of the Government of India, aims to develop the backbone necessary to support the integrated digital health infrastructure of the country. Dr. will be a future brand name in the medical field.



# SERVICES



**SHE BUILTS  
SHE WINS**



**DEPRESSION  
TREATMENT**  
(peer to peer chat)



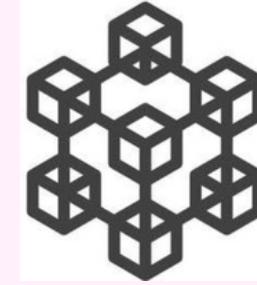
**DR. TECH**

FREE HEALTH SERVICE

**SYMPTOM CHECKER**  
Predicts disease



**TRACKING  
MEDICINES**  
using blockchain

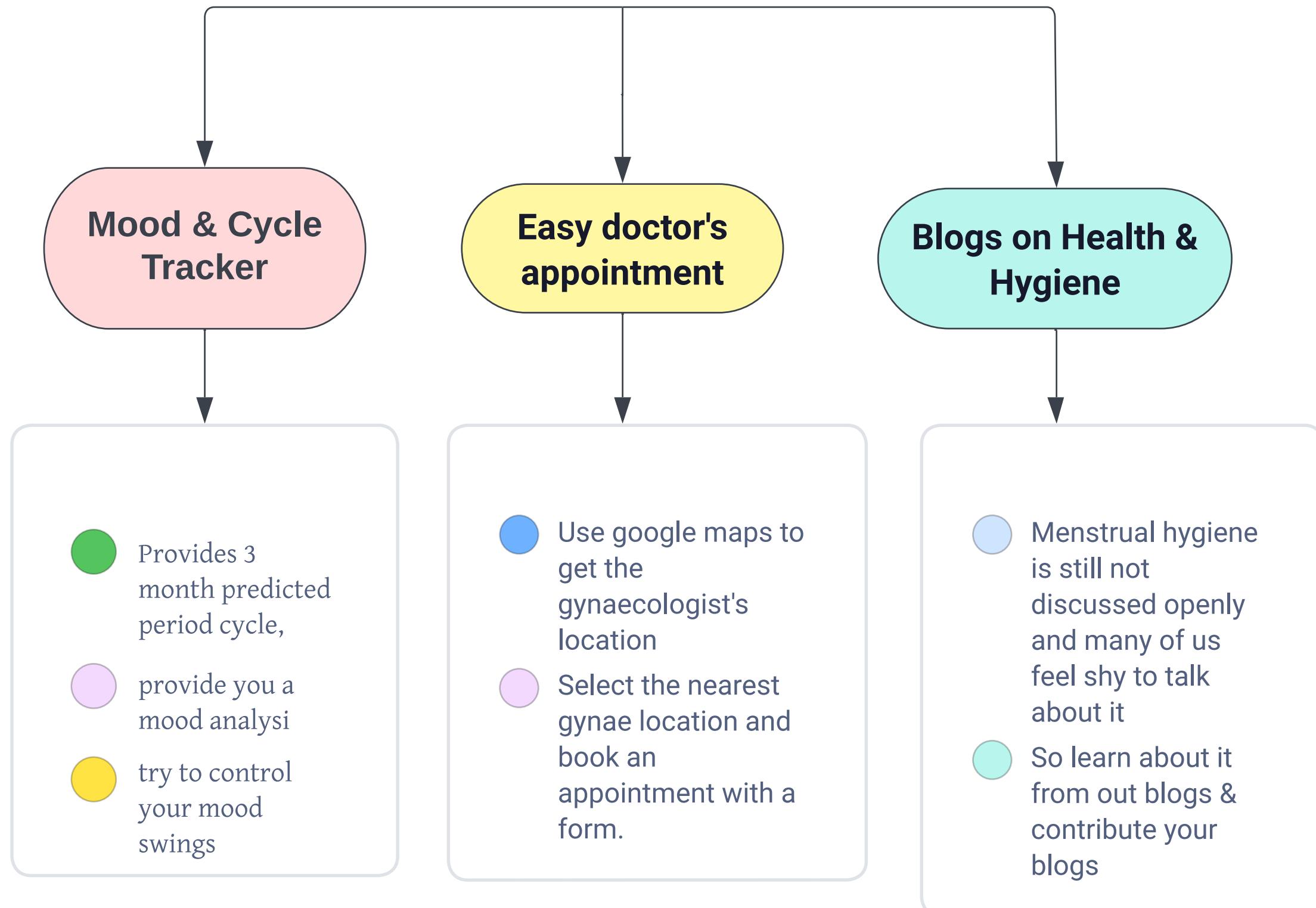


**SKIN CANCER  
DETECTION**  
ANDROID APPLICATION  
(ML Based)



# Shewin

## SHE BUILTS SHE WINS



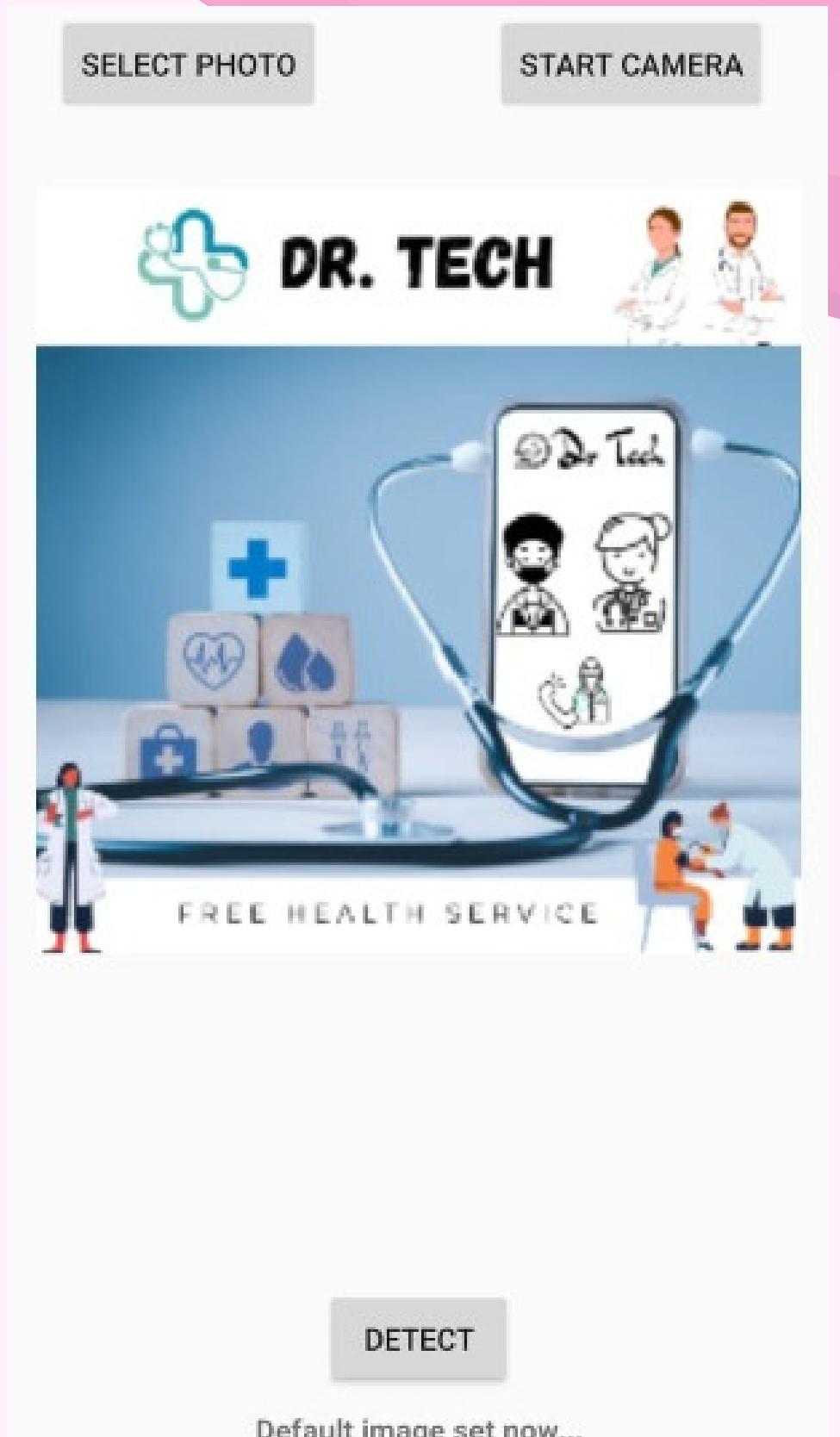
# SYMPTOM CHECKER



- Dr. Tech tells the disease by taking age, gender and symptoms as inputs (based on API call)
- Predicts the possible disease with chances of all possible ones.
- For less educated people it has body map by clicking on which we will get options of possible symptoms
- It gives a detailed treatment report for possible disease and suggests behavior.

# SKIN CANCER DETECTION APP

- ML based android app built using JAVA and XML
- ML model trained on benign and malignant skin type using CNN (convolutional neutral network)
- A benign growth is non-cancerous, typically develops slowly, and doesn't spread to other parts of the body. A malignant growth, on the other hand, is cancerous, can grow rapidly, and, in some cases, can spread to tissues in other parts of the body
- App has two options of uploading an image or capturing directly from the camera to predict the type of skin disease.



# DEPRESSION TREATMENT

## Find your peer

Connect to the peer that suffered from the same type of problem that you suffered.



### Career-related issues

Problems at work, such as job insecurity, lack of job satisfaction, feeling undervalued or unappreciated, and being overworked can cause depression.

[Connect to Peer](#)

### Relationship issues

Relationship problems, such as conflicts with a partner, feelings of loneliness, or a lack of social support, can cause depression.

[Connect to Peer](#)

### Trauma and abuse

Experiencing physical, emotional, or sexual abuse, or going through a traumatic event such as a natural disaster, a serious accident, or combat, can lead to depression.

[Connect to Peer](#)

### Chronic stress

Chronic stress can cause depression by leading to a sense of burnout and emotional exhaustion.

[Connect to Peer](#)

### Medical conditions

Certain medical conditions, such as chronic pain, autoimmune disorders, and neurological conditions, can cause depression.



### Seasonal changes

Seasonal changes, particularly during the winter months when there is less sunlight, can lead to a type of depression called seasonal affective disorder (SAD).



### Perfectionism

A tendency towards perfectionism can contribute to depression, as individuals who hold themselves to extremely high standards may feel like they are constantly falling short.

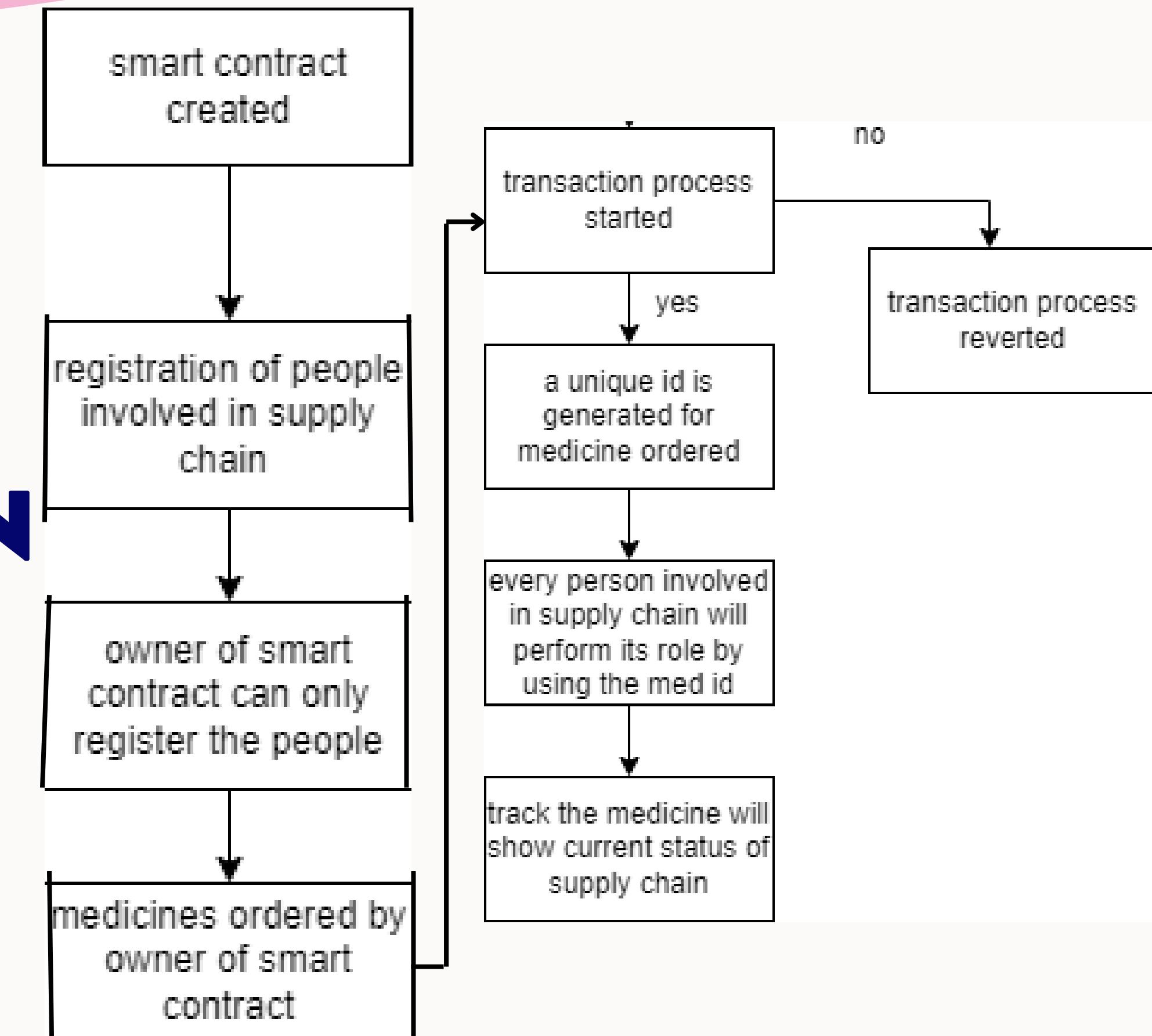


### Others

Neither suffering from any these problems but suffering from some other kind of problem? Don't worry you can also find your peer

- PEER TO PEER CHAT OPTION AVAILABLE TO USERS.
- CONNECTING TO PEERS WHO HAVE SUFFERED FROM SUCH A SITUATION WHICH IS CAUSING DEPRESSION CAN HELP YOU GET THE RIGHT PATH TIMELY.
- OUR WEBSITE PROVIDES BOOKING APPOINTMENT OPTIONS FREE OF COST BUT PEERS CAN ASK FOR A FEE FOR CONSULTATION.

# TRACKING OF MEDICINES USING BLOCKCHAIN



# THAT'S A WRAP!

THANK YOU !!

