



SGIARC-TBI FOUNDATION
SHEGAON

Shri Gajanan Innovation And Advance Research Centre-TBI Foundation

PROBLEM STATEMENT

DOMAINS

1.AGROINFORMATICS

2.FOODTECH

3.HEALTHTECH

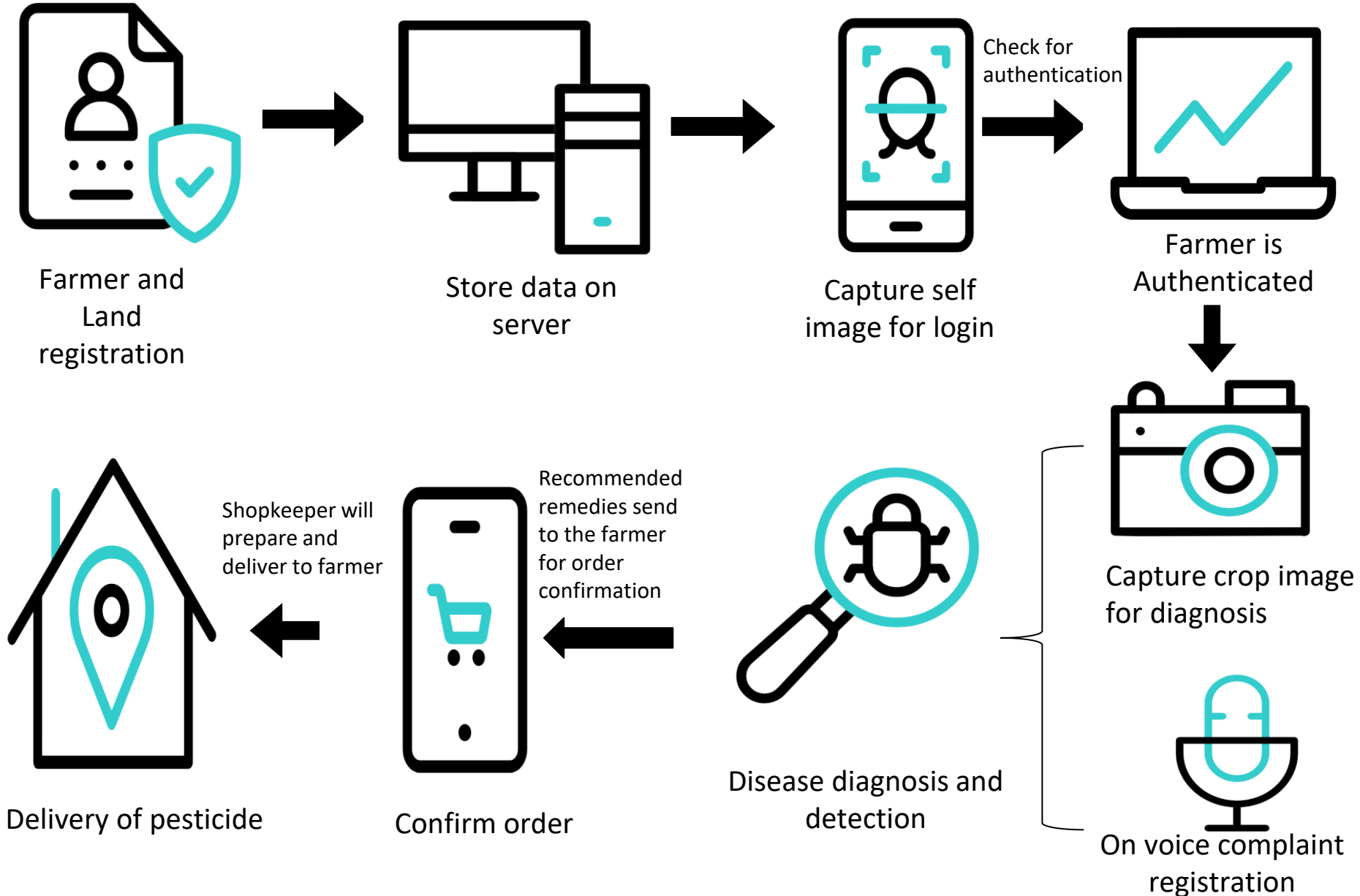
4.EDUTECH



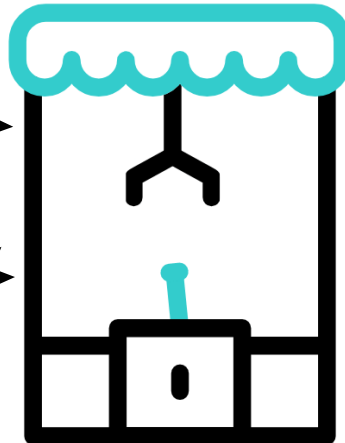
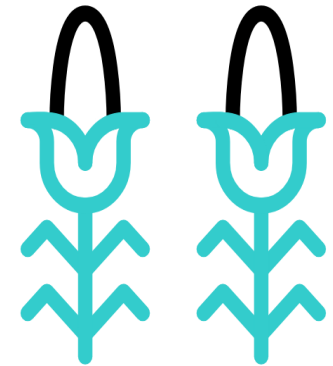
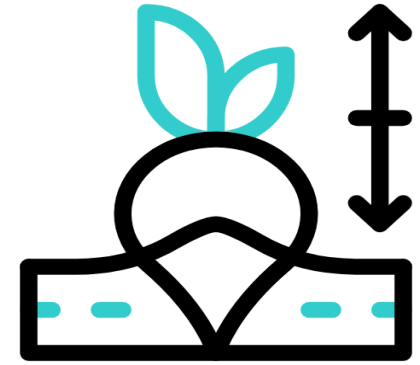
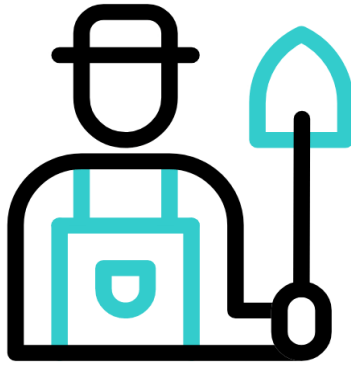
AGROINFORMATICS



AGRO-INFORMATICS : FARMER'S FRIEND



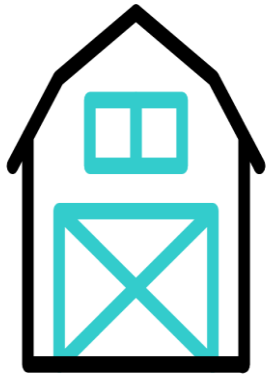
...SEED INDEPENDENCE...



Seeds for sell



Seeds for sowing



Storage under appropriate conditions

Sow healthy seed according to the soil type

Use your own seed for sowing in next season

Agronomic activities

Growth after using organic fertilizer

Computerized seed analyzer with two outlets

Crop harvesting

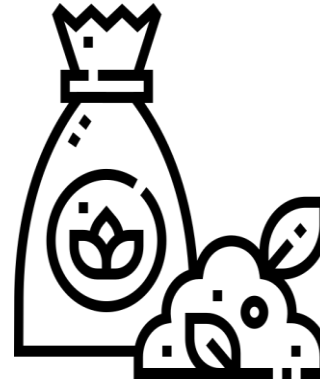
...FERTILIZER INDEPENDENCE...



Farmer registration



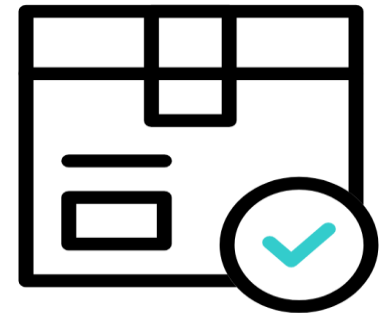
Track the location of farm



Estimate the available agriculture waste



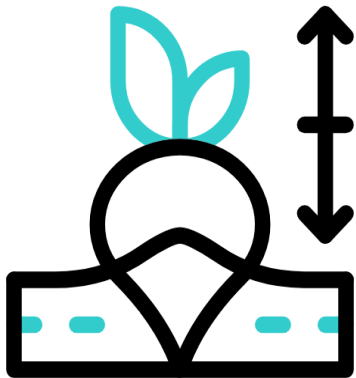
Convert agriwaste to organic manure



Recommendation & Packaging system design



Provide recipe to the farmer



Use your own eco-friendly fertilizer for better yield

GEO-FENCING AND GEO-TAGGING OF FARMS



Registration



Saving data on Platform
(google map)



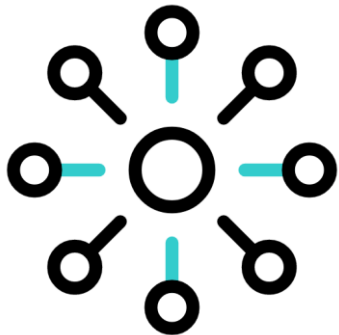
Geo fencing



Geo tagging

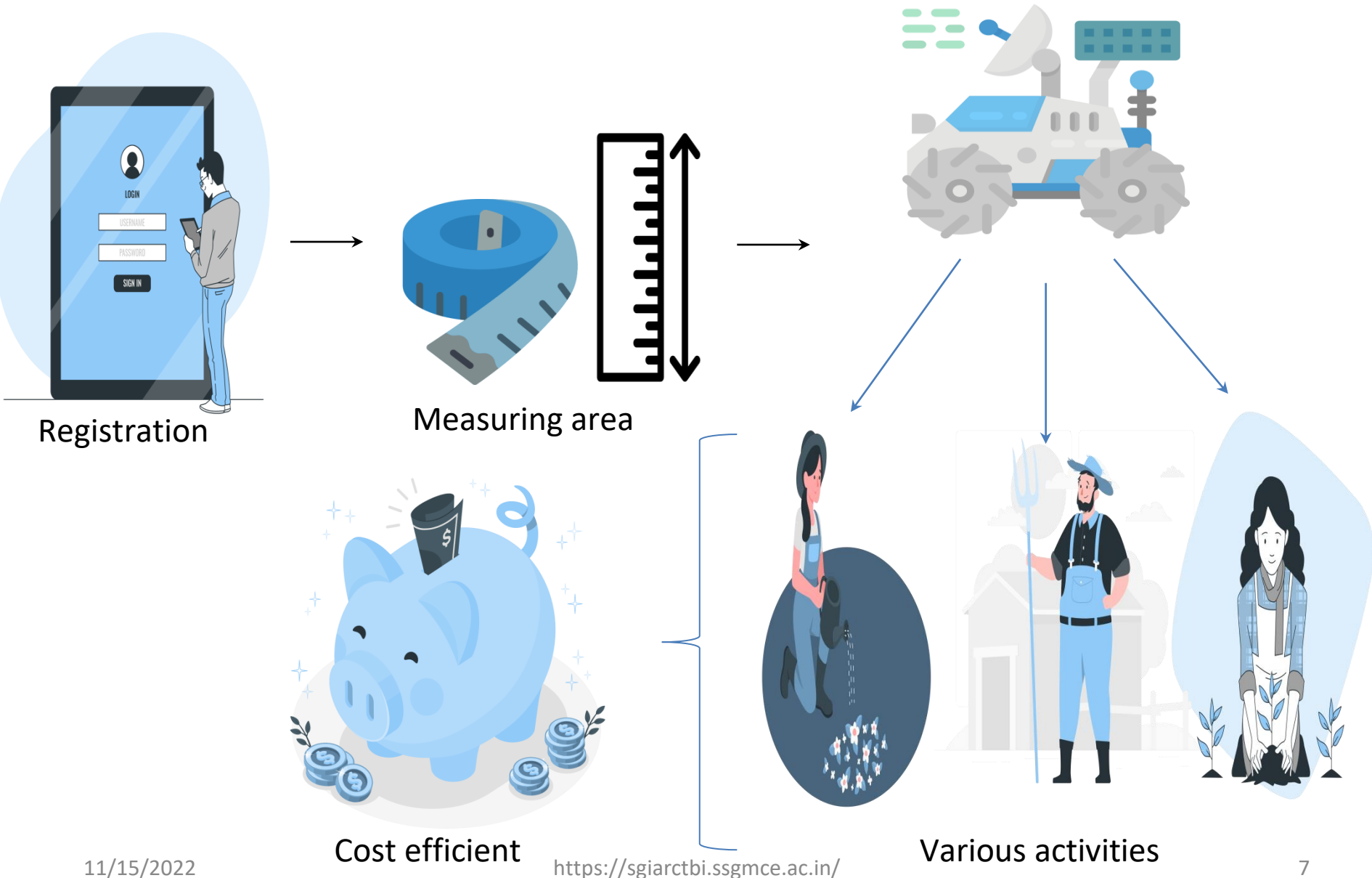


AI Model for alerts

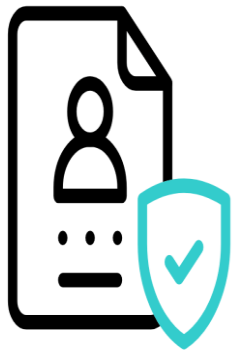


All at one place

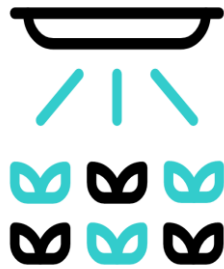
MULTIPURPOSE AGRO ROVER



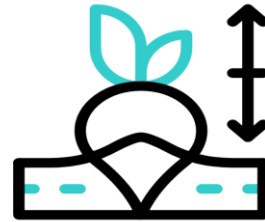
MAPS FOR END-TO-END TRACKING OF AGRO PRODUCE



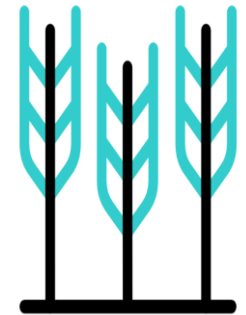
Registration



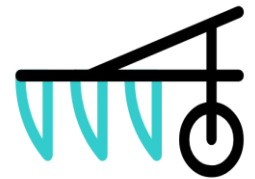
Seed information



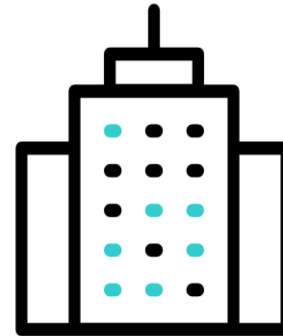
Land info



Produce information



Harvest



Process



Transport



Sell



FOODTECH



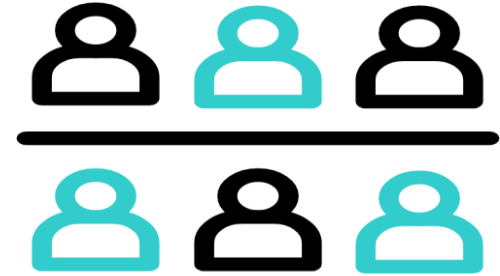
...SMART FOOD ADVISOR...



User registration



Personal, demographic and Lifestyle info accumulation in 2 weeks



Smart diagnosis of user by following information



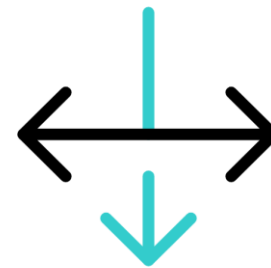
Smart food chart for user



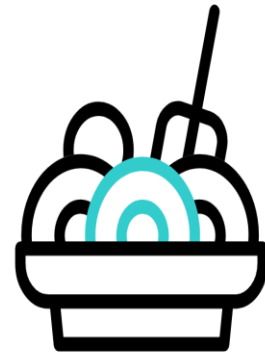
Smart consult (nutritionist)



User's medical history



Symptoms



Food they uptake



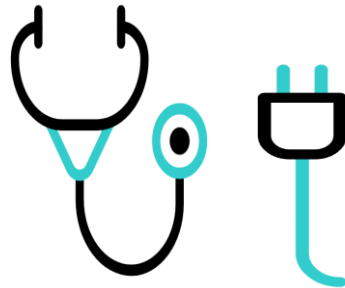
HEALTHTECH



...SMART STETHOSCOPE...



Login



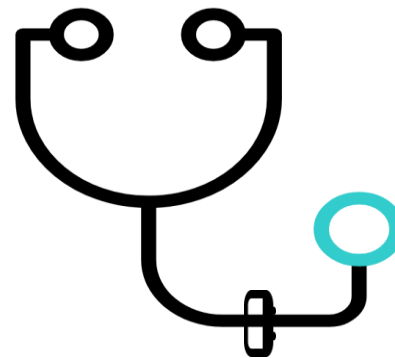
Attach stethoscope



Smart guide



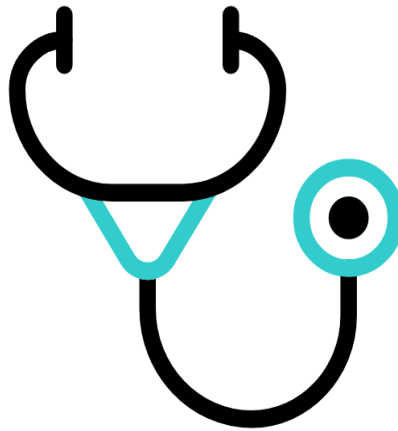
Medication according
to result



Auto analysis



VIRTUAL PRIMARY CLINIC



Doctor will always follow up
& can reach us through the
app. anytime

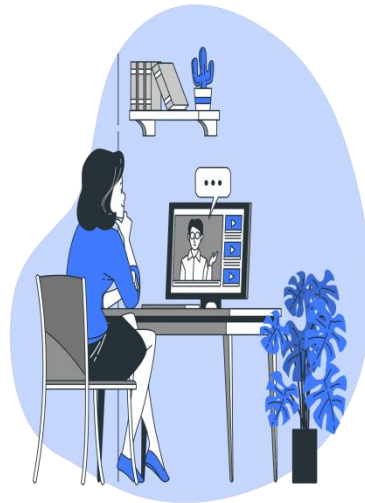
Evolution of home-based
telehealth & The primary
diagnosis

Leverages technology to give
patients convenient face time with
their primary care provider.

VIRTUAL SECOND OPINION



Test report need to upload



Share to expert doctor



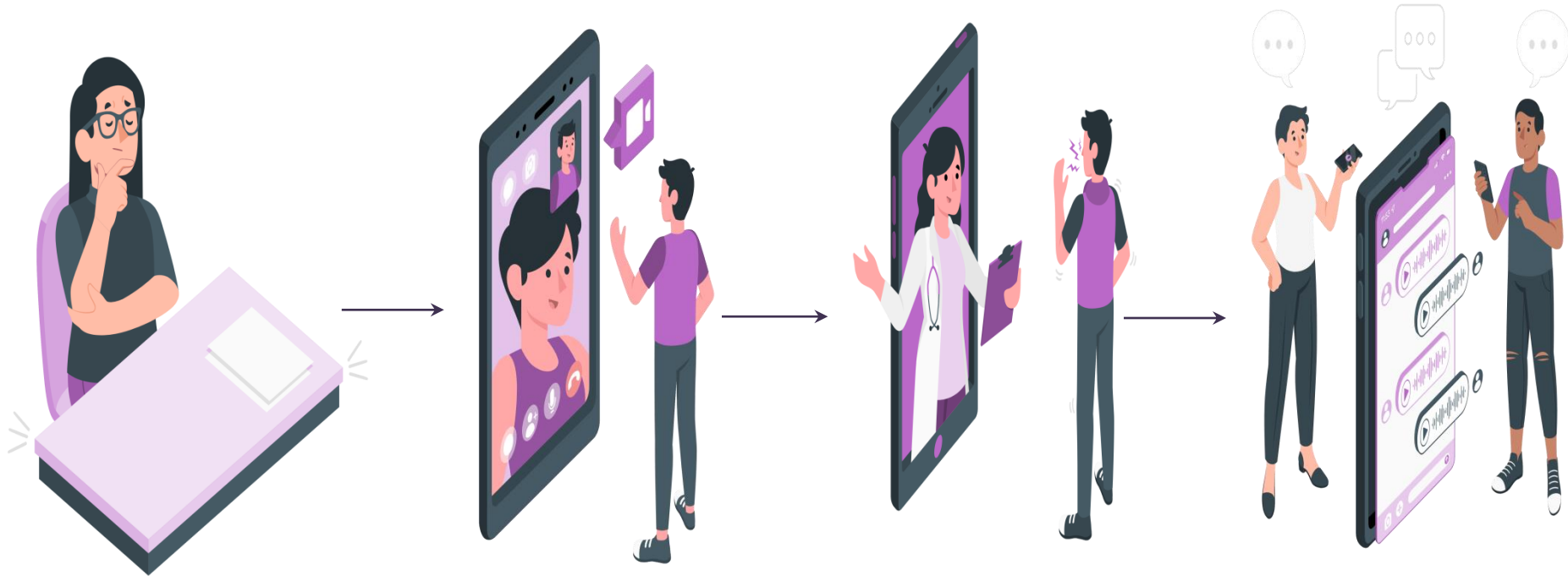
Doctor appropriate correct test from uploaded files



Tell the patient best decision

STARTUP: VIRTUAL CLINIC

...VIRTUAL VISION AND HEARING CLINIC...



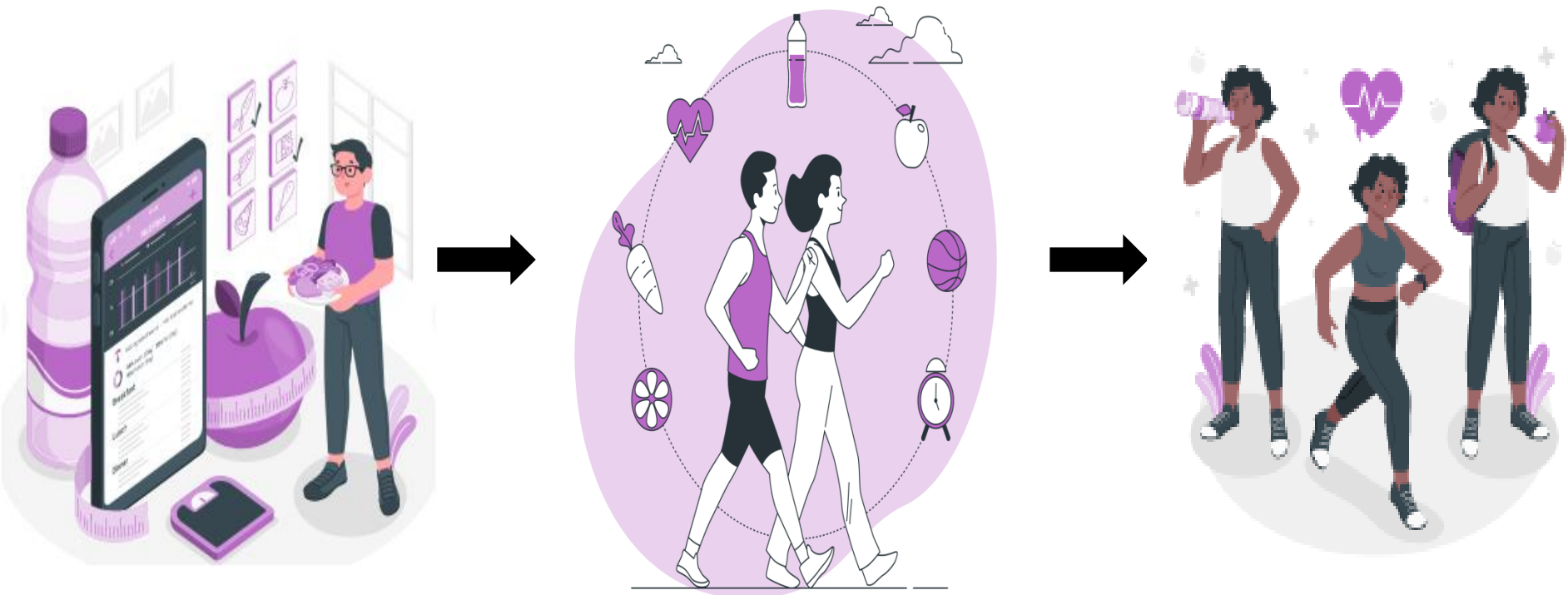
Check either there is need of doctor or not

Video call system combined with a suite of iPad or mobile

Patient attending online vision/hearing testing in front of mobile

Recommended remedies to send the patient

VIRTUAL WELLNESS CENTRE



On demand virtual care

*Our expert knowledge
of lifestyle and nutrition*

*Expanded scope of care and
better health engagement.*

...VIRTUAL GYMS USING AR/VR...



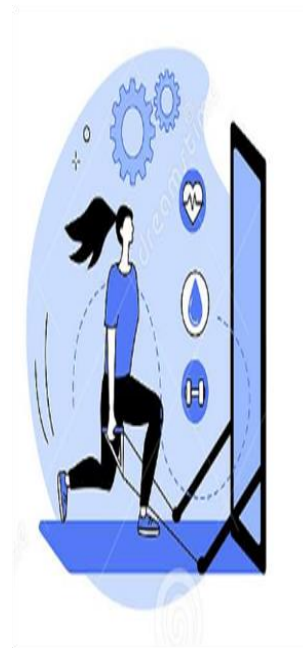
Virtual coach



***Portable
workout gym***

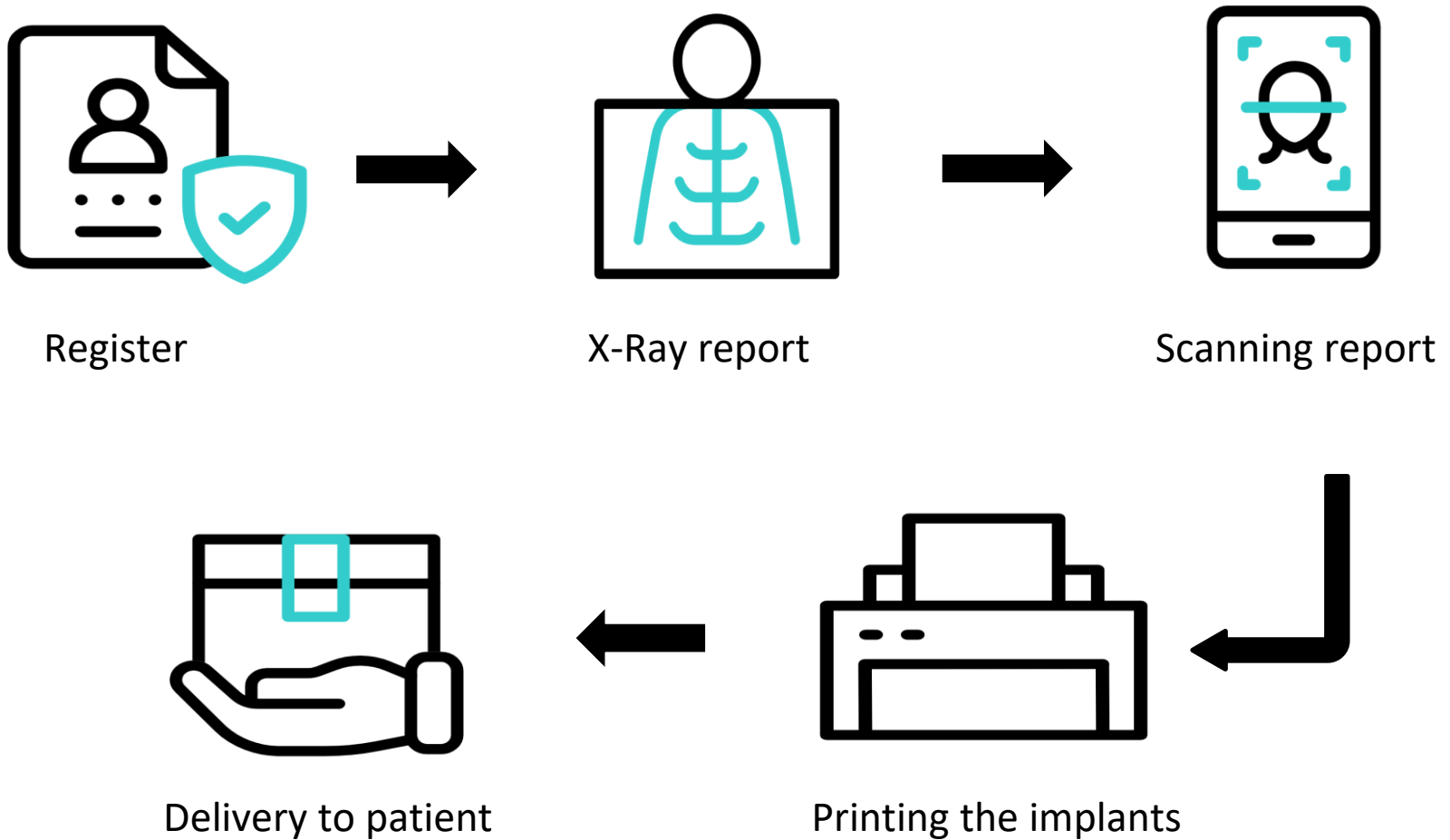


VR Fitness gym



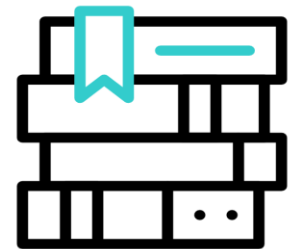
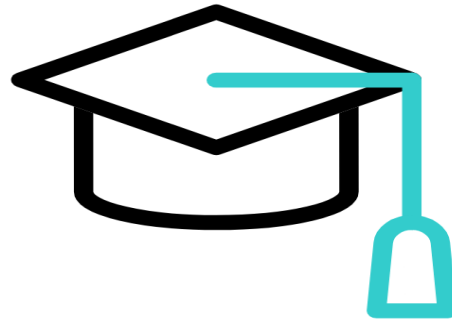
***Connected
Workout***

3D PRINTING FOR MEDICAL IMPLANTS





EDUTECH

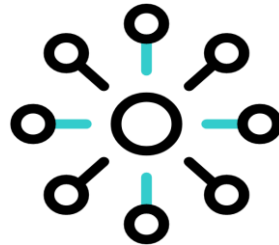


DEMAND DRIVEN CONTENT DEVELOPMENT



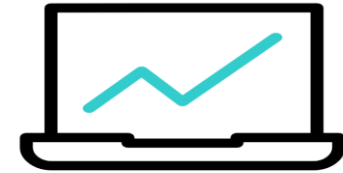
2

Finalize the topic



4

Optimize & Publish



6

Analytic & Reporting



1

Gather information



3

Make strategy



5

Review Feedback & Updated

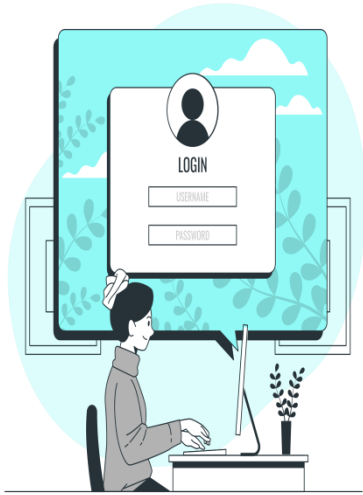


7

Certificate Program



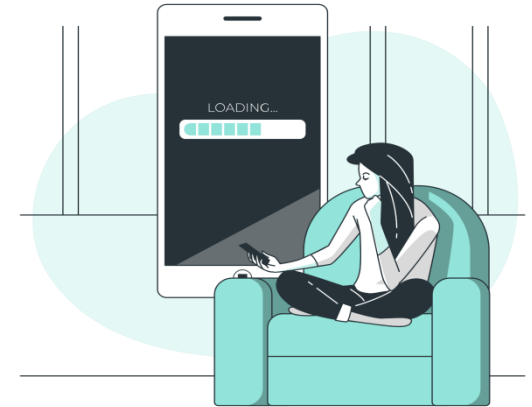
CREATIVE DESIGN AND CONTENT DEVELOPMENT



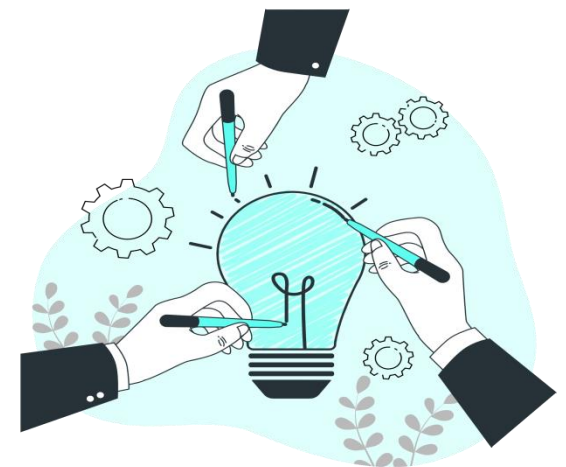
Sign -in



Creating creative content in any form



Uploading on app



Reviewed by team 21



Students access

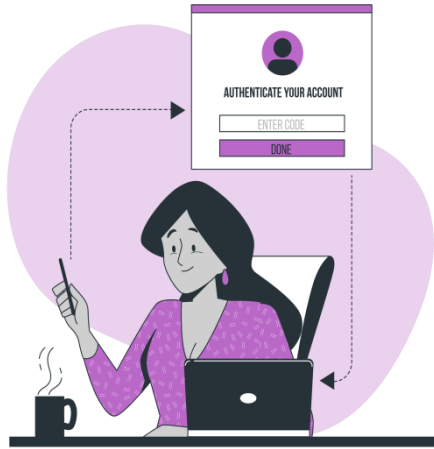


Feedback

11/15/2022

<https://sgiarctbi.ssgmce.ac.in/>

DRIVER RATING/MONITORING



Registration



Gyroscope Accelerometer in your phone



Examine speed and driving



Better results



Auto rating according to reports

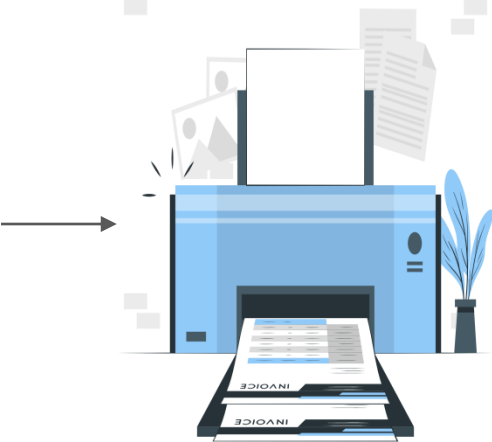


Abiding rules and fine accordingly

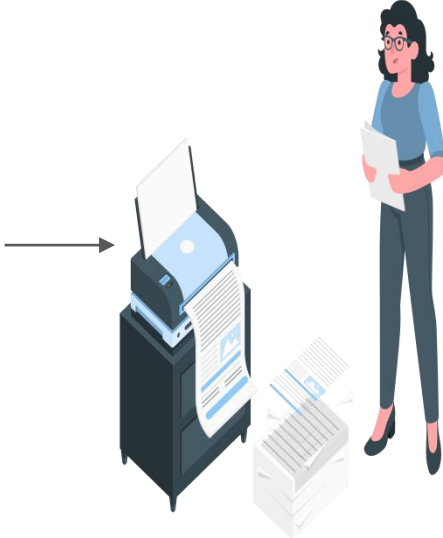
CLOUD BASED PRINTING AND HOME DELIVERY SYSTEM



Print via WIFI



Cloud print



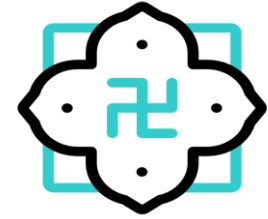
Print on location



Delivery at home



VIRTUAL CHAR DHAM



Register

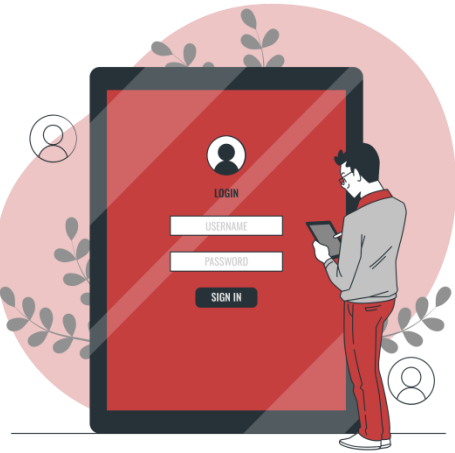


VR room

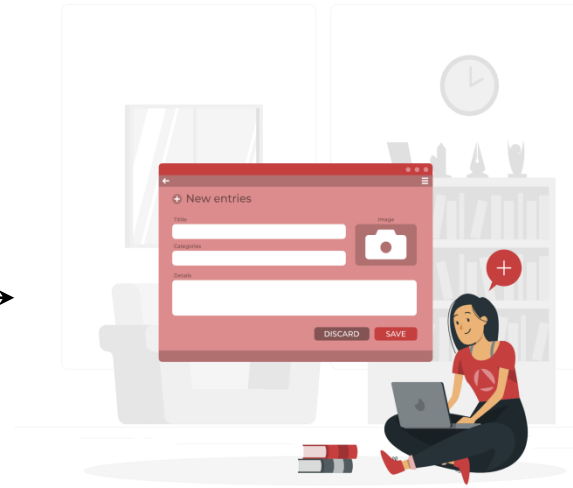


Console and
vr

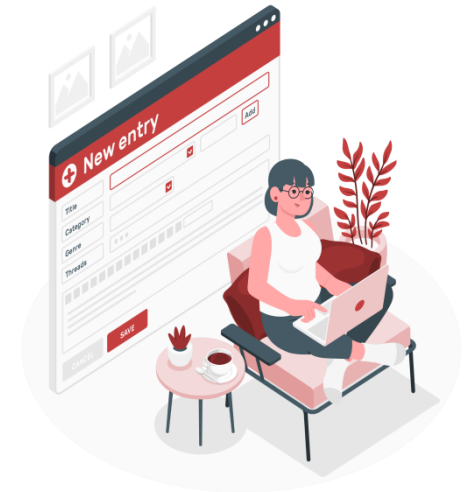
AUTOMATIC SHOPPING LIST GENERATOR



Install app and sign in



Fill required information



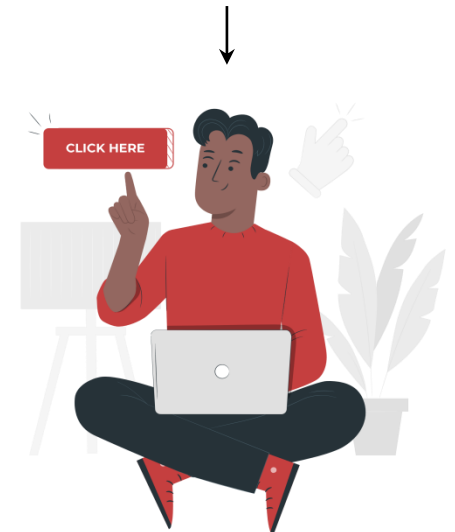
Update shopping list



Satisfactory shopping



Area wise and shop wise reminders



Click on "go to shopping"