

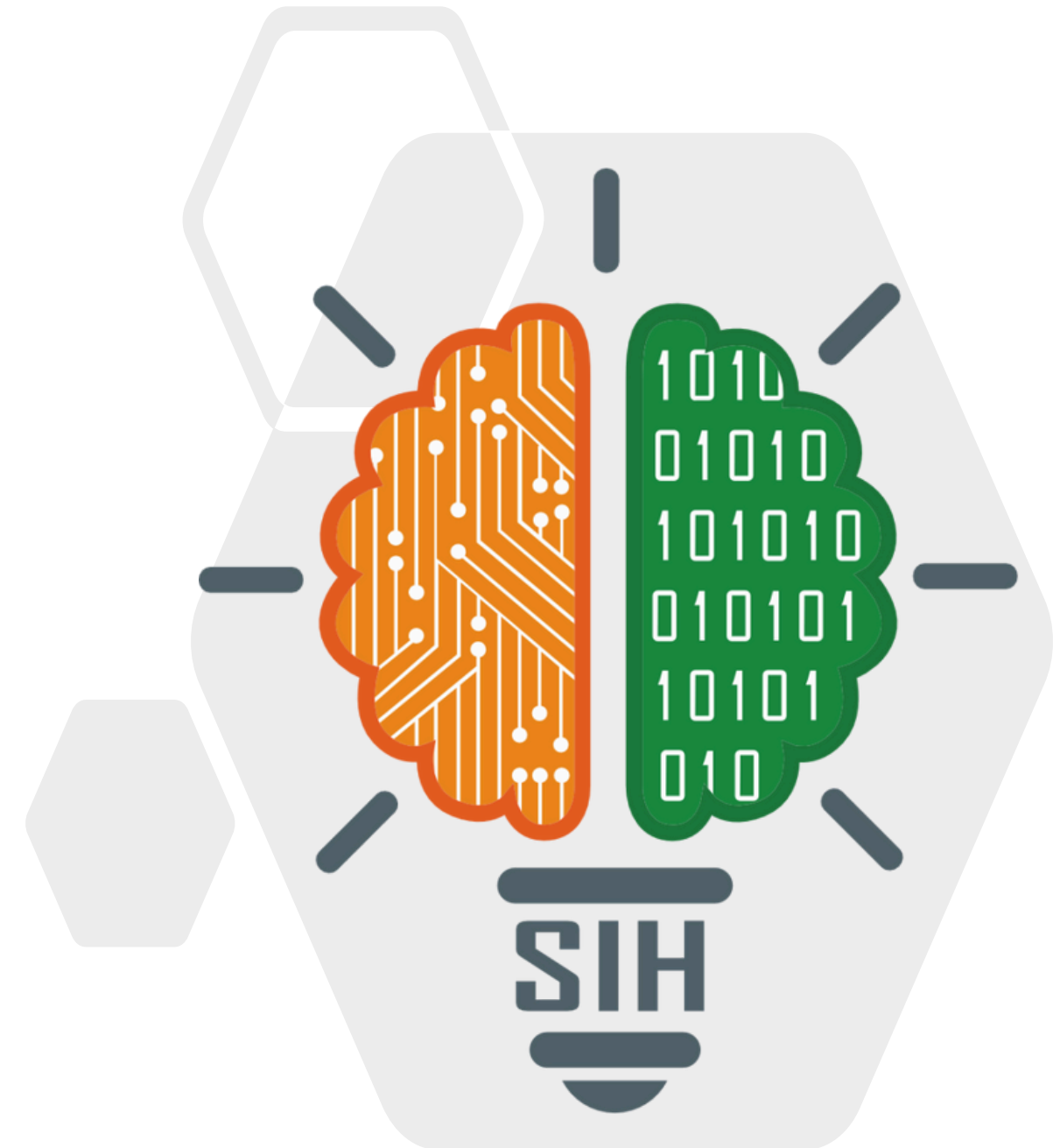
SMART INDIA HACKATHON 2024

Newton School Of Technology Pune



SMART INDIA
HACKATHON
2024

- **Problem Statement ID – SIH1637**
- **Problem Statement Title-** Mobile App for Direct Market
Access for Farmers
- **Theme-** Agriculture, FoodTech & Rural
Development
- **PS Category-** Software
- **Team Name:** HunTxCoDE



• Problem

- In India, around 58 crore liters of milk are produced everyday
- Main thing is that government is only focusing on supply of milk in market and not focusing on the purity of milk
- 70% being adulterated according to FSSAI
- Common adulterants include detergents, caustic soda, glucose, white paint, and refined oil which provide thickness
- The WHO warns that if milk adulteration is not addressed, 87% of consumers could face serious health issues like cancer by 2025.
- people not getting quality/original milk which lead to diseases like heart attack & cancer
- dairy farmer get paid less for selling milk as compare to what they expect or they deserve

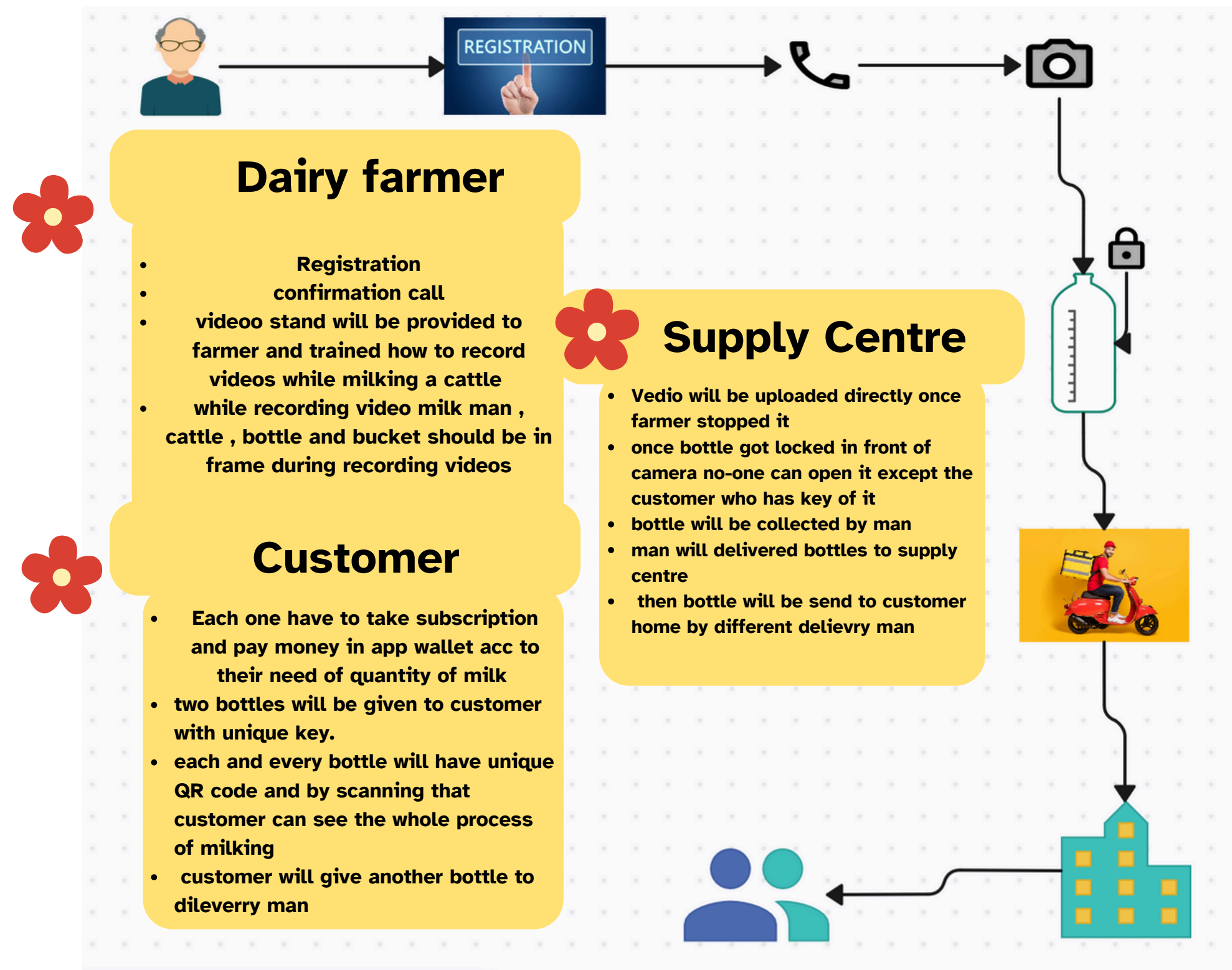
• FOOD SAFETY & STANDARD AUTHORITY OF INDIA

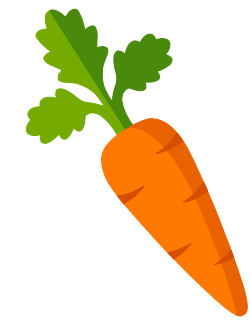
• Solution

- We are online providing a platform with whole system which provide original milk at door step directly from dairy farmer with proof of How milking is done and it send to you at your home
- . People with get original milk of any cattle they want listed on or platform at their home
- Dairy Farmer will make good amount of money than previous one



Process



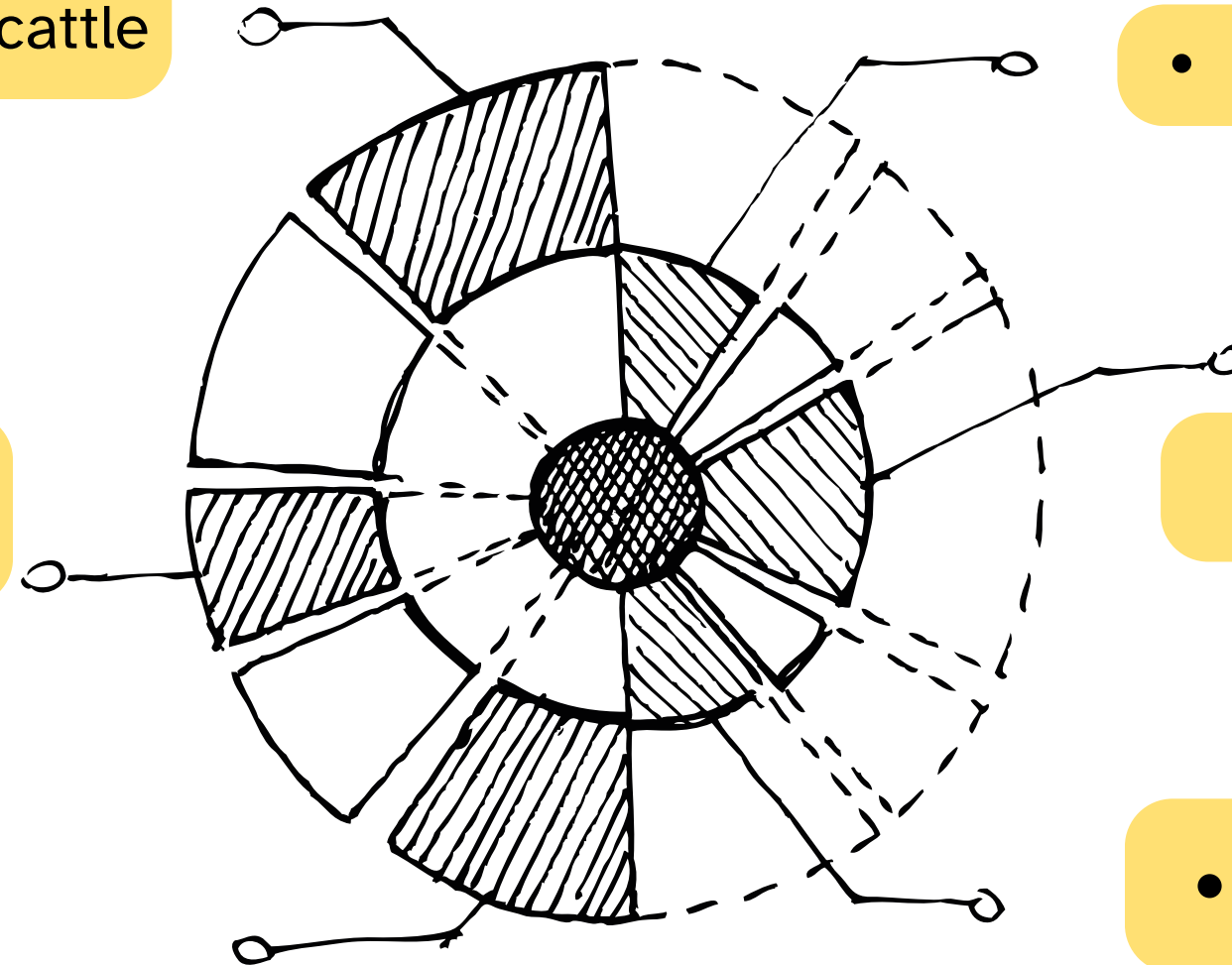


IMPACT AND BENEFITS

KEY FEATURE

- people can choose milk of different listed cattle

- Customised bottle ill be provided



- quality checkers will be provided

- dairy farmer will get paid weekly

- Fat & SNF machine



TECHNICAL APPROACH

- Technologies to be used :
- Frontend HTML/CSS/JavaScript
- backend
 Python/Django/NGINX/PostgreSQL

Dependencies

- Dairy Farm
- Supply Center
- Pickup & Delivery vehicle
- Customised bottle & video stand

Our Tech Stack



Links:

- <https://economictimes.indiatimes.com/industry/cons-products/food/68-milk-milk-products-in-india-not-as-per-fssai-standard-official/articleshow/65689621.cms?from=mdr>
- <https://www.pib.gov.in/PressReleaseDetailm.aspx?PRID=1908343#:~:text=The%20Union%20Minister%20of%20Cooperation,played%20a%20huge%20role%20it>

Team Members-
Sanket Jha(leader)
Deepesh Dey
Bhavishya Sharma
Madhur Rathod
Bhavana Talkute
Giddalur Jaya Geethika

