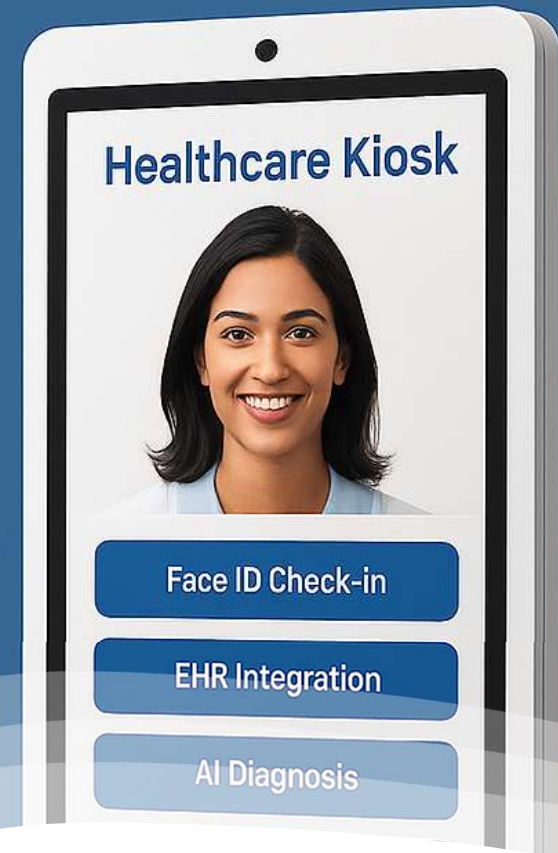


PRODUCT CATEGORY CREATION FOR HEALTHCARE KIOSKS IN INDIA



Problem statement 6:-

Product Category Creation
for Healthcare Kiosks in
India

- Mentor :- Dr . Arvind
- Team Members:
- Laasya Priya
- Priyanka
- Ganga Mythra

India's Healthcare Challenges



Doctor-to-patient ratio:
1:1500 (WHO
recommends 1:1000)



Rural-Urban divide in
healthcare accessibility



Digital Health push via
ABDM, DHIS, PM-JAY



Healthcare expenditure
still below 2.5% of GDP
target



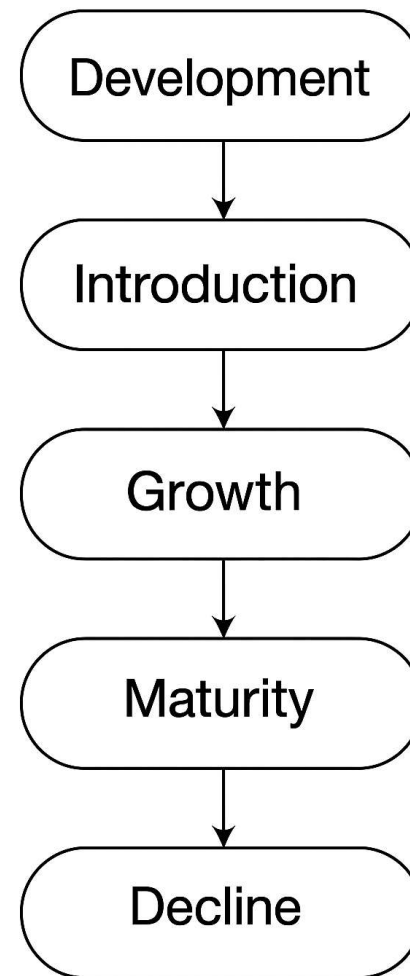
Healthcare Kiosk Vision

- Create AI-powered, multilingual, interoperable kiosks
- Support Ayushman Bharat Digital Mission (ABDM)
- Integrate with India Stack & eSanjeevani
- Bridge healthcare gap in underserved areas

Product Lifecycle Mapping

- Development: Vital monitoring, basic registration
- Introduction: Payments, Indoor patient info
- Growth: Face ID, voice bot, EHR integration
- Maturity: AI diagnosis, federated learning
- Decline: Legacy, non-scalable features removed

Product Lifecycle Mapping



Current vs Future Features

Current: Appointments, vitals,
UPI payments



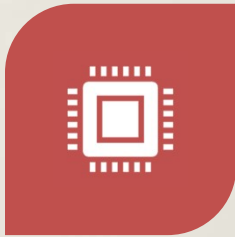
Future: Face ID, multilingual
AI, teleconsultation



Support for EHR, AI diagnosis,
federated model training



Hardware Requirements



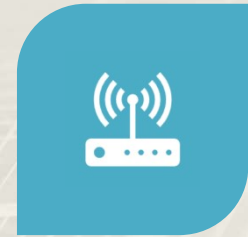
CPU: INTEL 12TH
GEN I5/I7



RAM: 16GB | SSD:
512GB



DISPLAY: 24"
TOUCHSCREEN



CONNECTIVITY:
4G/5G, WI-FI,
ETHERNET



ADD-ONS: CAMERA,
MIC, BIOMETRIC
SENSOR

AI & ML Features



Face ID for Check-in



Vitals Monitoring with
AI Diagnosis



Multilingual Voice
Transcription (LLMs)



Federated Learning for
Non-Communicable
Disease Detection



Consent-driven Data
Collection

Integration with India Stack



ABHA ID - Unique
Health ID



eSign/eKYC for
Consent



DigiLocker for
EHR access



UPI for Payments



ONDC for
Medicine Delivery

Go-To-Market Strategy



Pilot rollouts in Karnataka,
West Bengal



Collaborate with MoHFW,
State Health Ministries

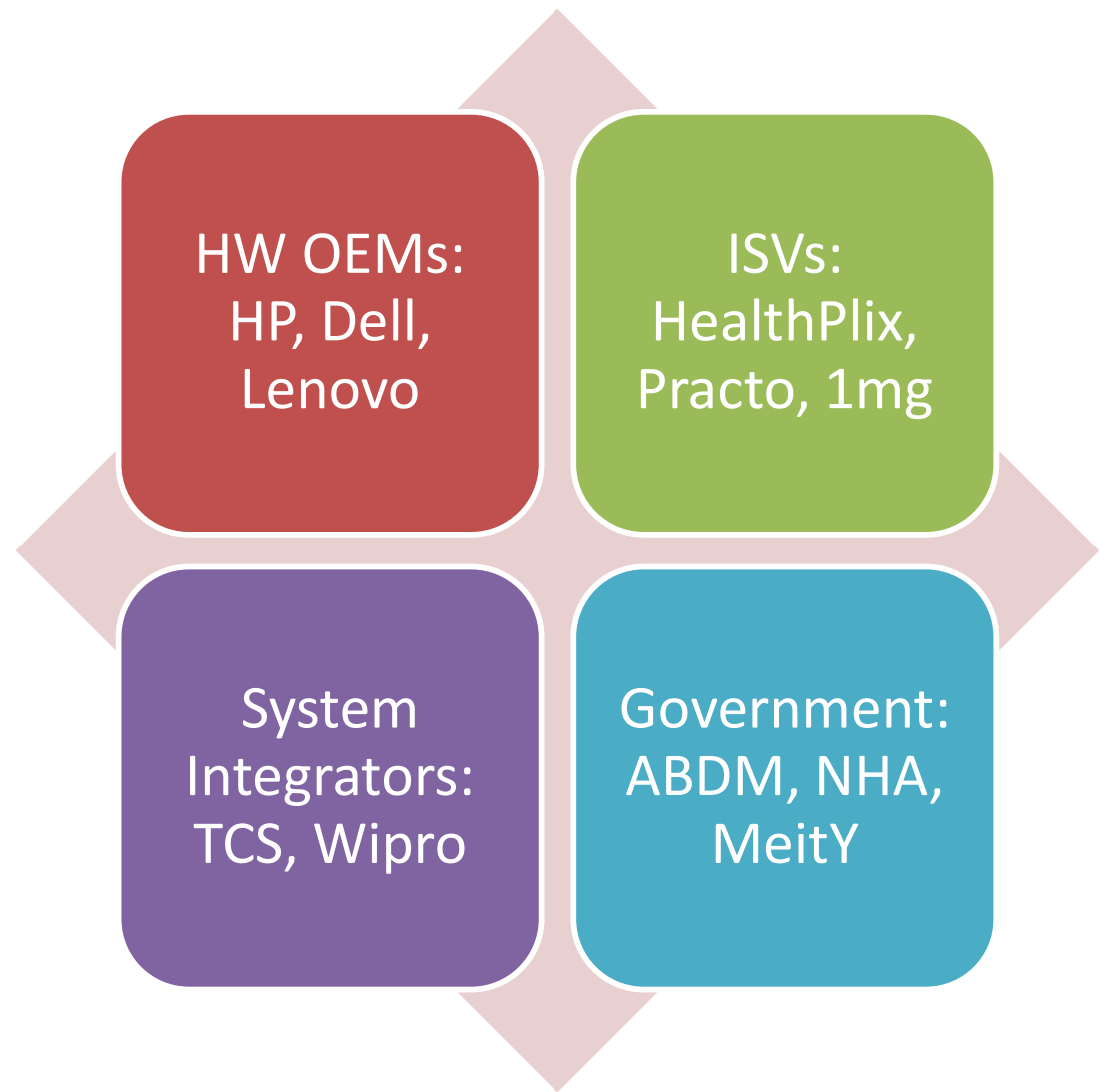


Partnerships with OEMs,
ISVs, SIs



Awareness campaigns,
healthcare expos

Stakeholder Ecosystem



Market Requirements & Revenue

Product Vision:
Smart, secure,
AI-driven kiosks

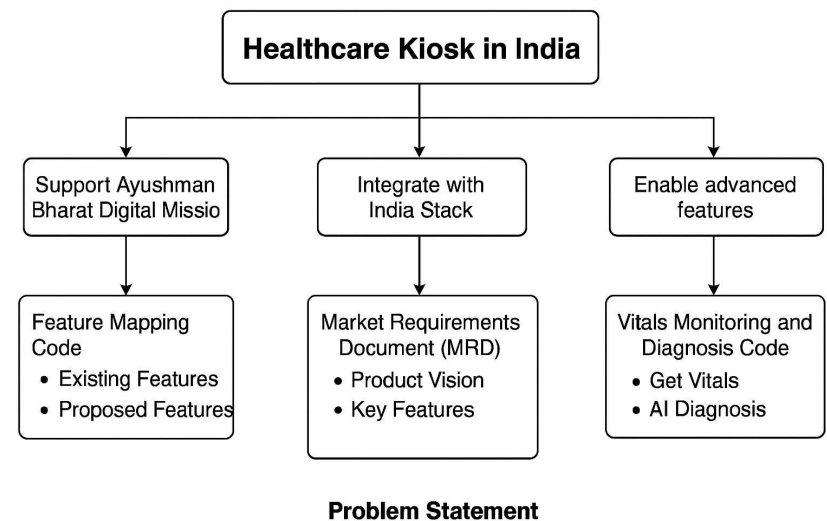
Opportunity:
\$600B Indian
healthcare
market

Revenue:
Hardware, AI
services,
licensing

Certifications:
NDHM, Data
Privacy, MoHFW
compliance

Conclusion & Way Forward

- Pilot & scale across PHCs & Arogya Mandirs
- Support for Indian languages, EHR & AI
- Form a certification foundation for features
- Position India as a global model for digital health kiosks



Gith hub link for
Problem statement 6:-

**Product Category Creation for Healthcare Kiosks
in India**

- <https://github.com/Laasyapriya25/intel>
- [Laasyapriya25/intel](https://github.com/Laasyapriya25/intel)



Thank you