

AALBOT



September 4, 2023

TECHNOLOGY

Production of **MOBILE ROBOT MOTOR** with cloud infrastructure for industrial applications ,

A high load low rpm dc motor with gear assembly which controls through wifi

- real time , low lancy control through InterNet
- high precision, heavy duty applications , handles upto 100 kg
- works multiple motor together to perform a complete task
- works with chatGPT

control and program through Android/IOS,Windows,Mac,Linux application

Understanding the problem

THE WORLD TREND IS CHANGING TO AI , ROBOTICS , IOT

IN THERE IS BIG MARKET IS RUNNING FOR AUTOMATION AND IOT , BUT UNFORTUNATELY THE MAJOR SHARE IS HOLDING BY CHINA VENDORS.

PRODUCTS LIKE AUTOMATIC OPENER/GATE/PARKING/ROBOT ARM/SURVEILLANCE - DELIVERY BOT, ALL ARE IMPORTING FROM CHINA TO ALL OVER INDIA



Project objective:

**A PREMIUM BRAND FOR ROBOT
TECHNOLOGY**

Understanding the market

Target audience

- STAGE 1 : commercial and household only in Kerala
- STAGE 2 : Business and industrial IN SOUTH INDIA
- STAGE 3 : EXPORT ROBOTIC GADGETS GLOBALLY



Market trends

Smart and Autonomous Capabilities

The adoption of robotics and automation is increasing it is no surprise that robotics and automation are becoming an integral part of the future of manufacturing in India.

Applications :

- Robotic arm
- E mobility

Integration with IoT

Commercial IOT (connected) gadgets

- Automatic gate opener
- Boom Barrier
- Smart switches
- Electronic Locks
- AI camera

PLAN

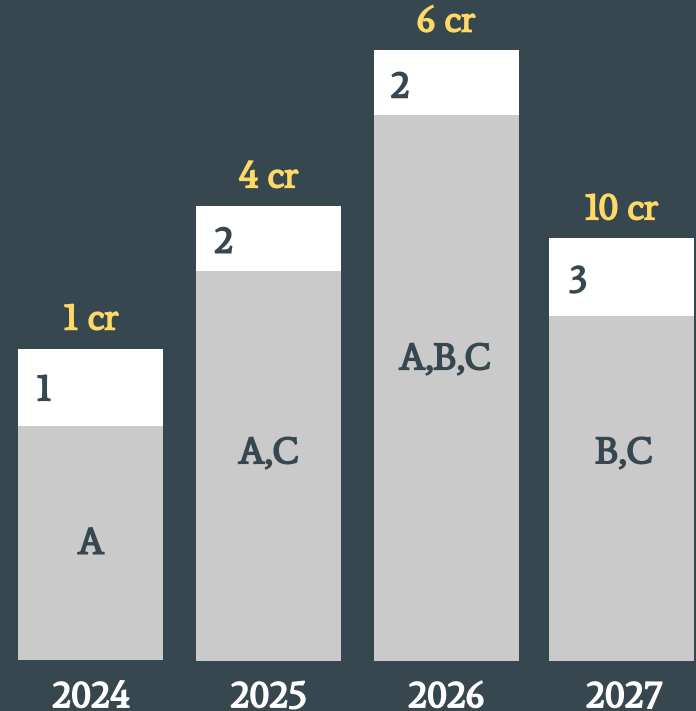
Stage 
Product 

Inflate the existing pipeline.....

We produce different product variance using our motor technology and cloud infrastructure and distribute through **SERVICE PROVIDERS**

Products :

- Industrial robotic motor (A)
 1. gate and garage door operator.
 2. Boom barrier
 3. Smart switches
- Robot ARM (B)
- Mobile robotic vehicle with ARM (C)



Production plan

Stage 1

- Automotive Scraps
- Common lathe workshop
- 3D printing

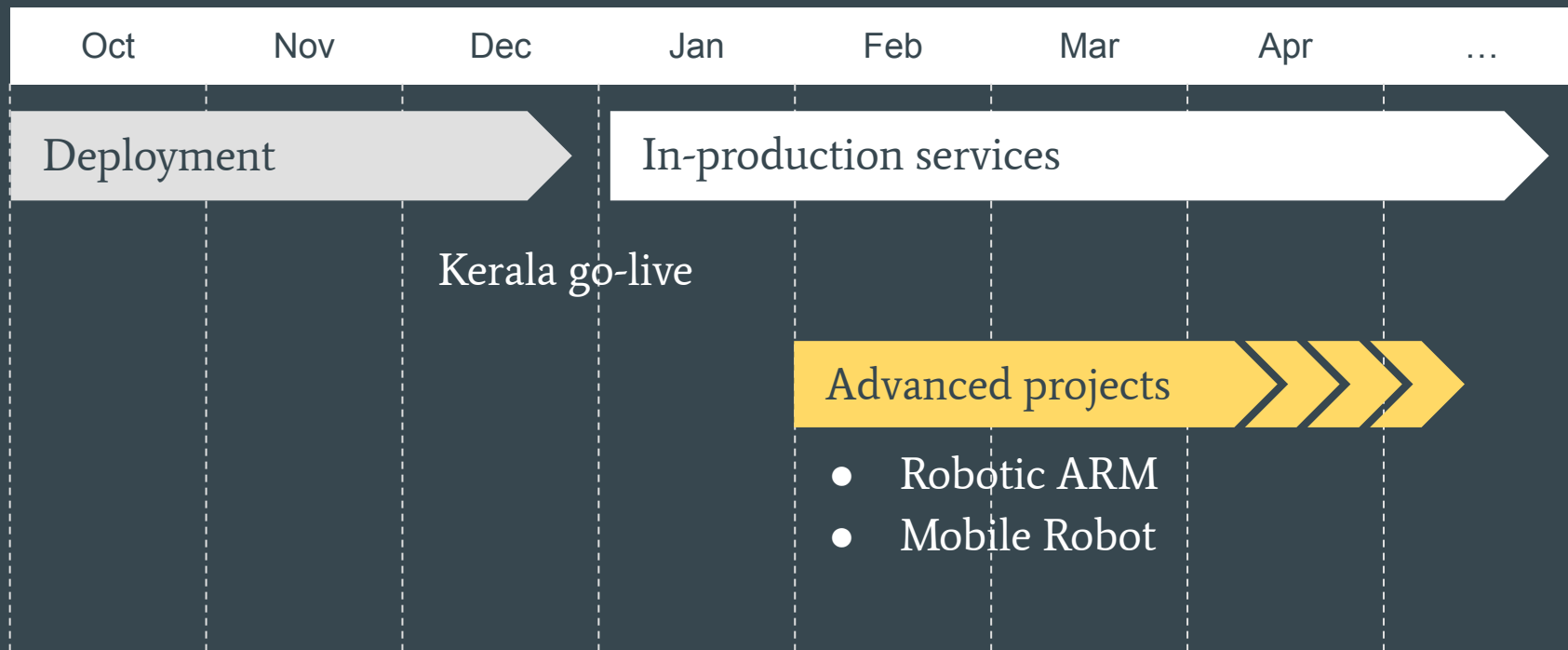
Stage 2

- Our production line
- Direct association with part manufacturer

Stage 3

- Export

Timeline



The Team

Aalbot is a 22 member team , In engineering as well as business and administration

Electronics

Software

Dynamics

Sales
