

# CASE STUDY: ROBOSMART

Smart Strategies you can trust.

## PROBLEM STATEMENT

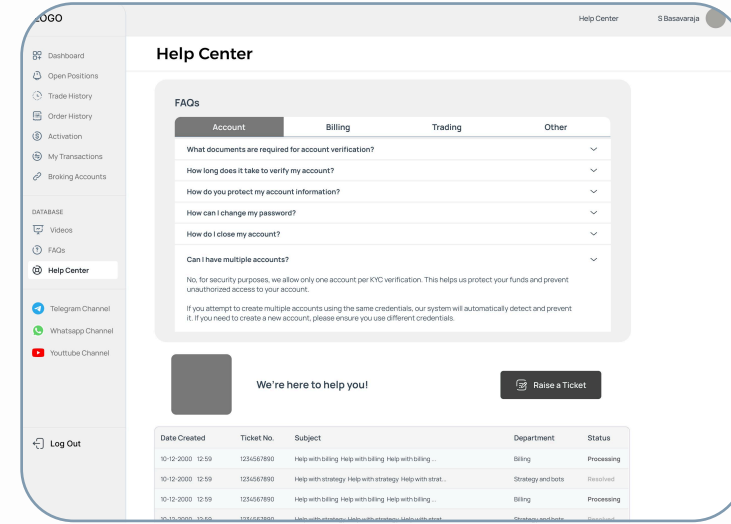
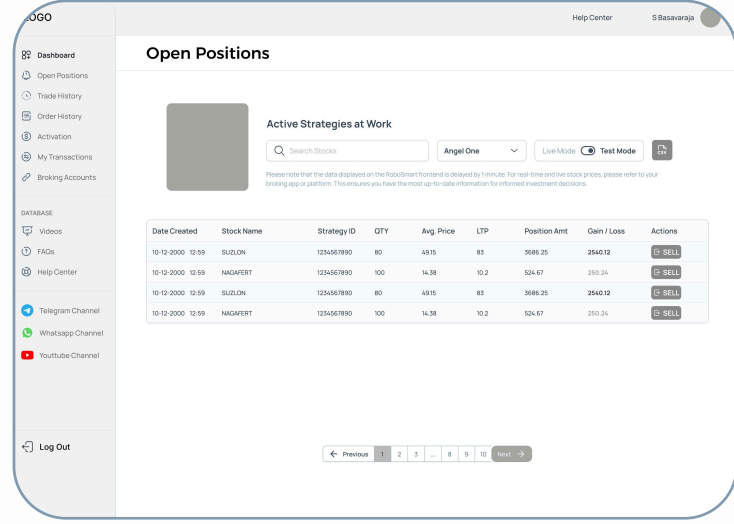
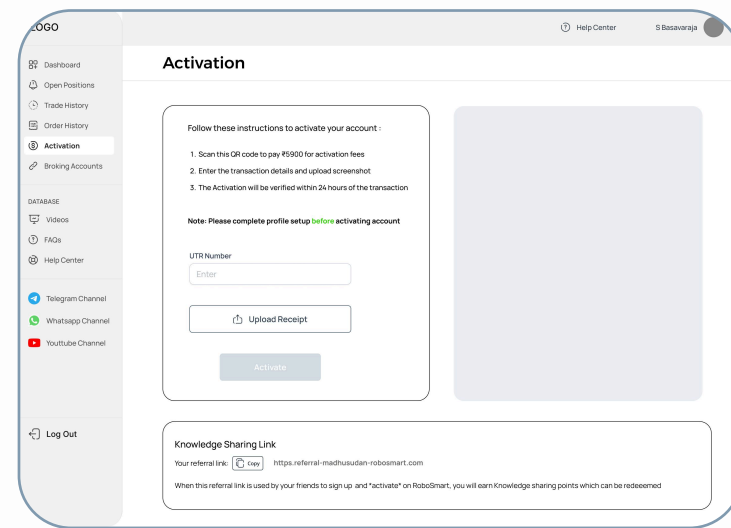
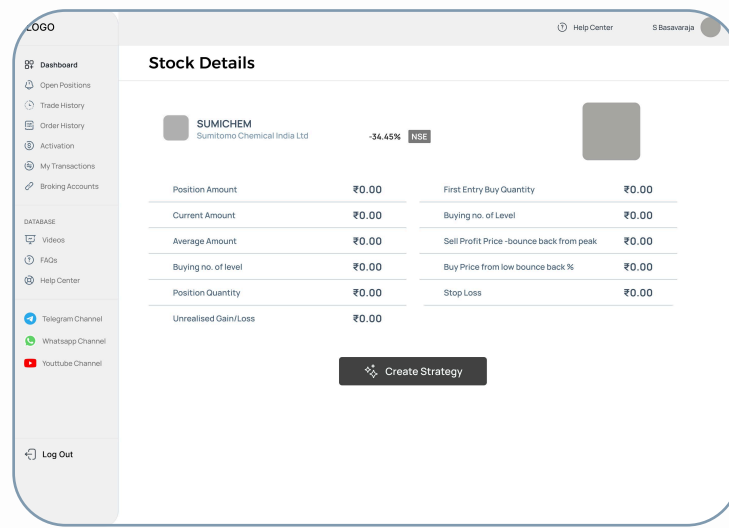
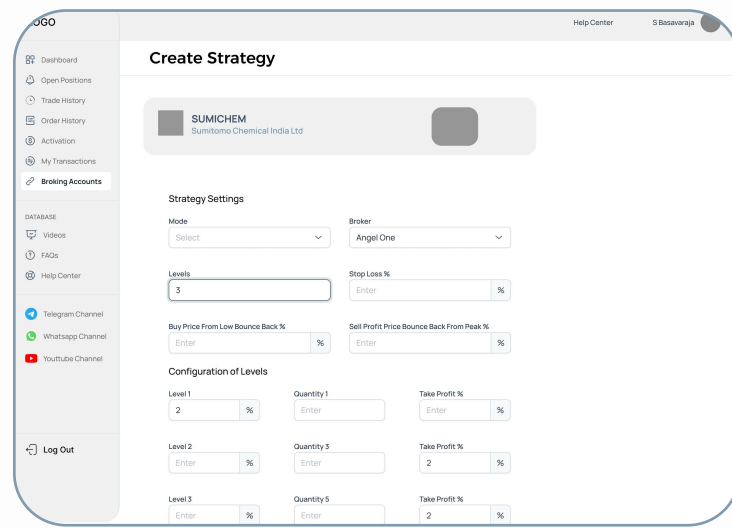
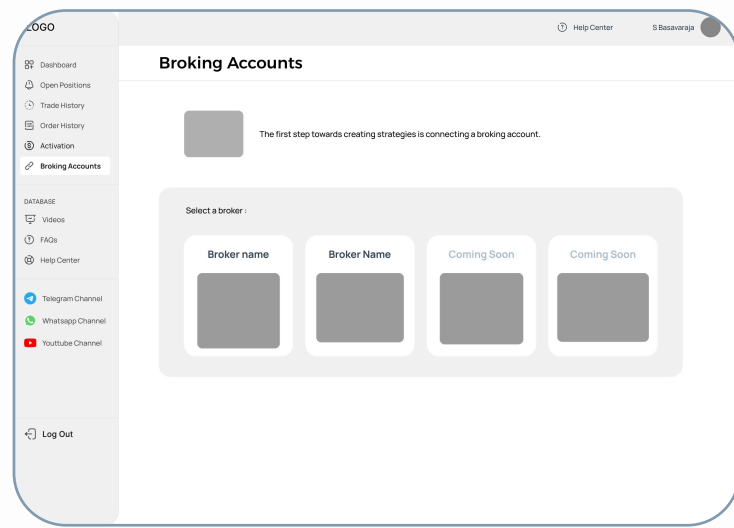
Trading individual stocks manually can be risky and requires constant attention.  
Trading Strategy bots, once pre-set, can operate independently and book profits automatically.

A passive income stream can also be built through the referral rewards program which users can encash by joining as a Knowledge sharing partner.

## STAGE 1 RESEARCH

Foundational research includes competitor comparisons, creating a reference moodboard for themes and structure.

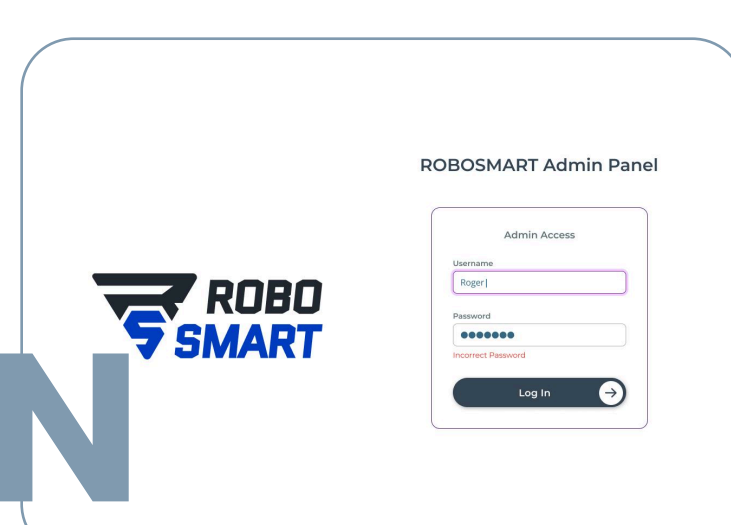
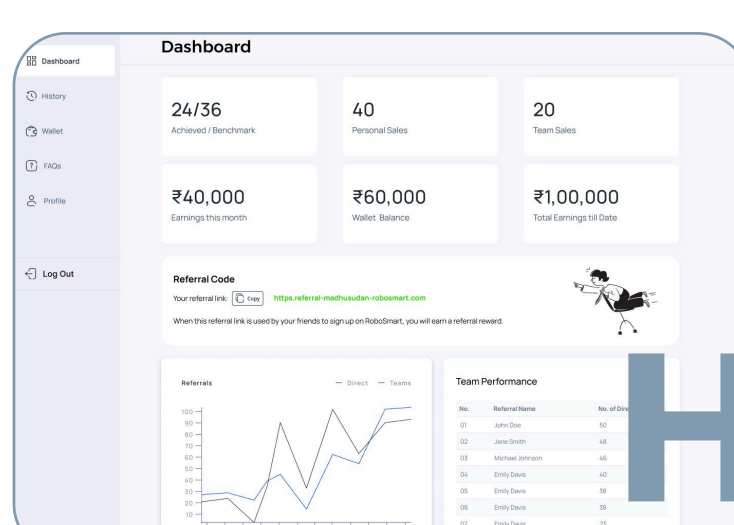
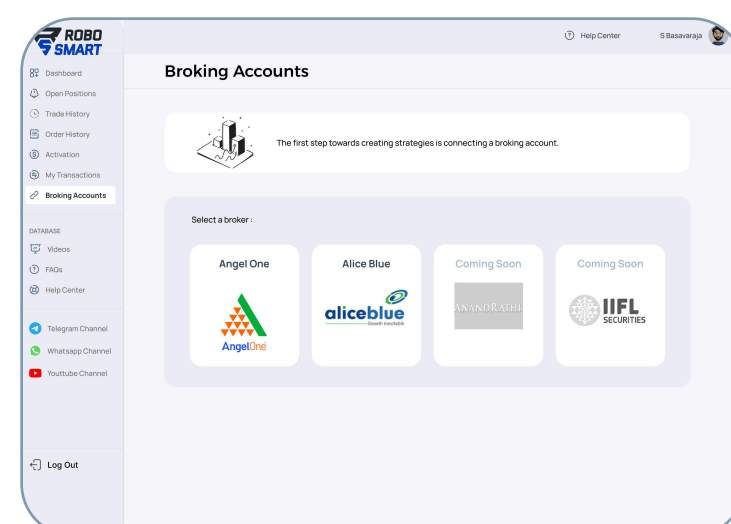
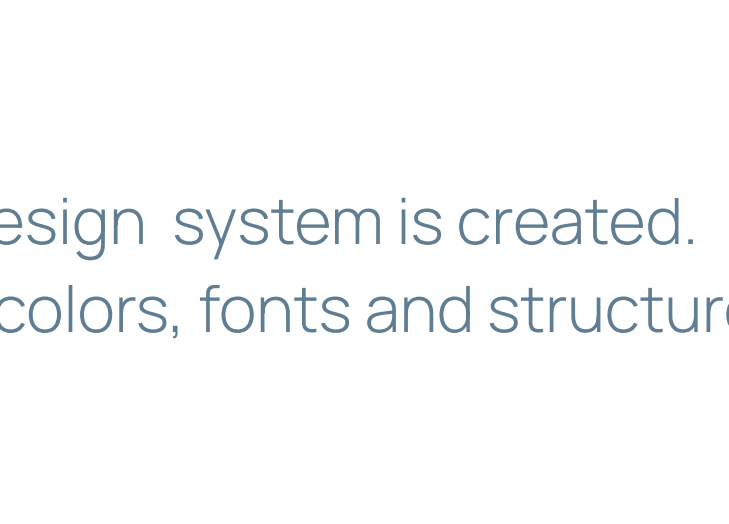
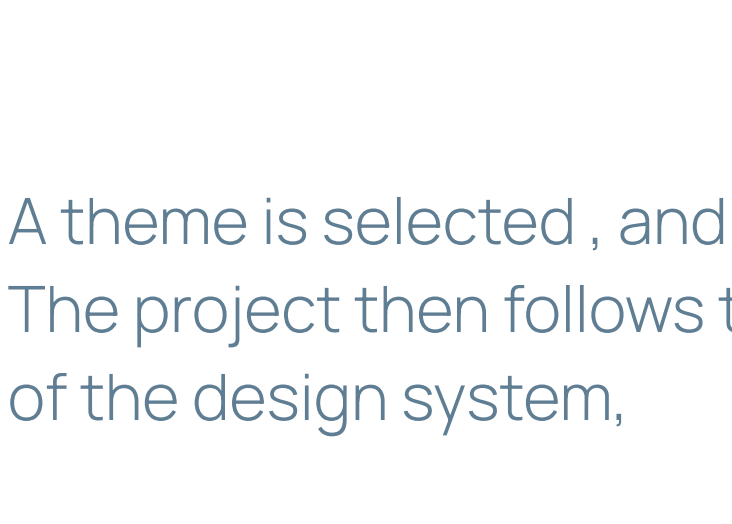
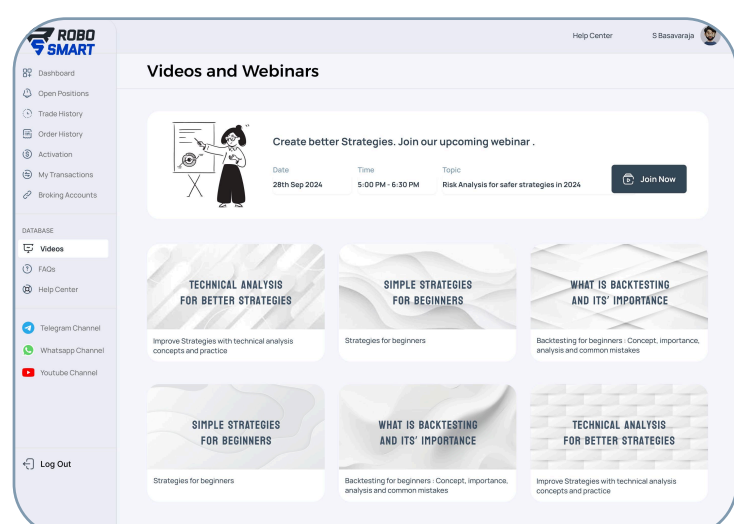
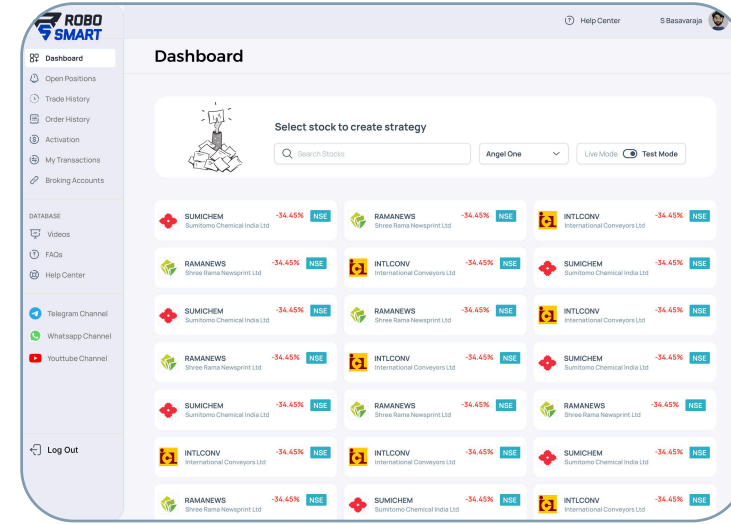
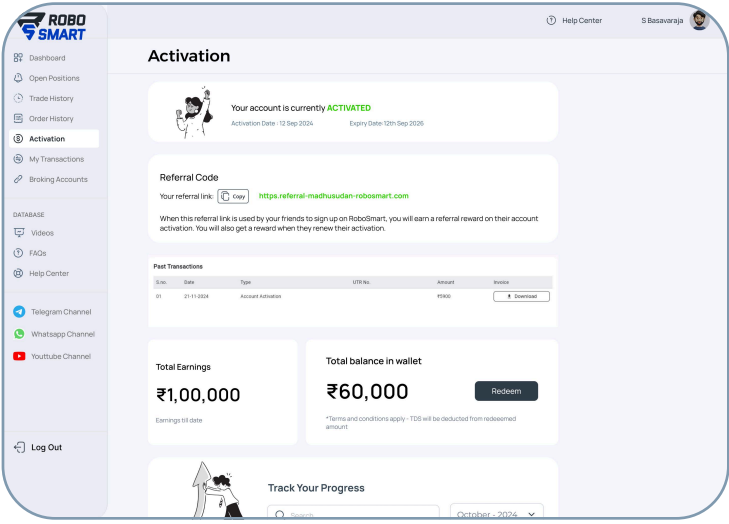
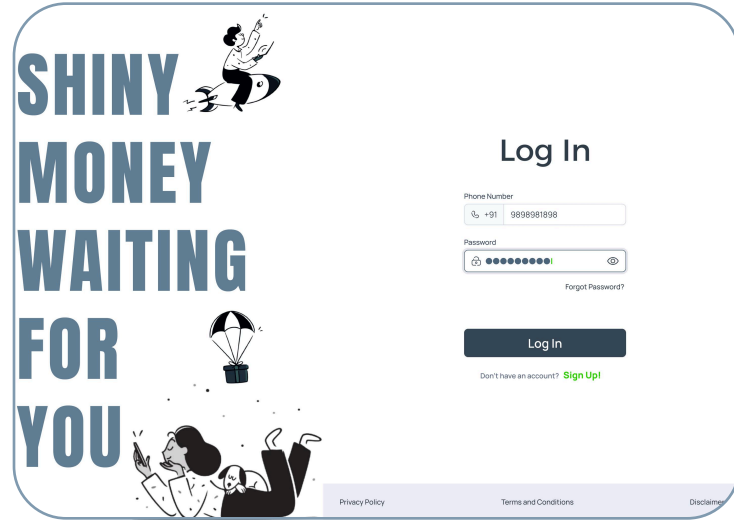
A PRD (Product Requirements Document) is created to lock in the scope of the project and maximise understanding for all stakeholders. This PRD will also be used to manage the project.



## STAGE 2 WIREFRAMING

Basic sketches of the expected features are created in rough diagrams to map the user flows as per the finalised scope in the PRD.

This helps align ideas and set product expectations. Microfeature planning also comes in at this stage.



## STAGE 3 HI-FIDELITY DESIGN

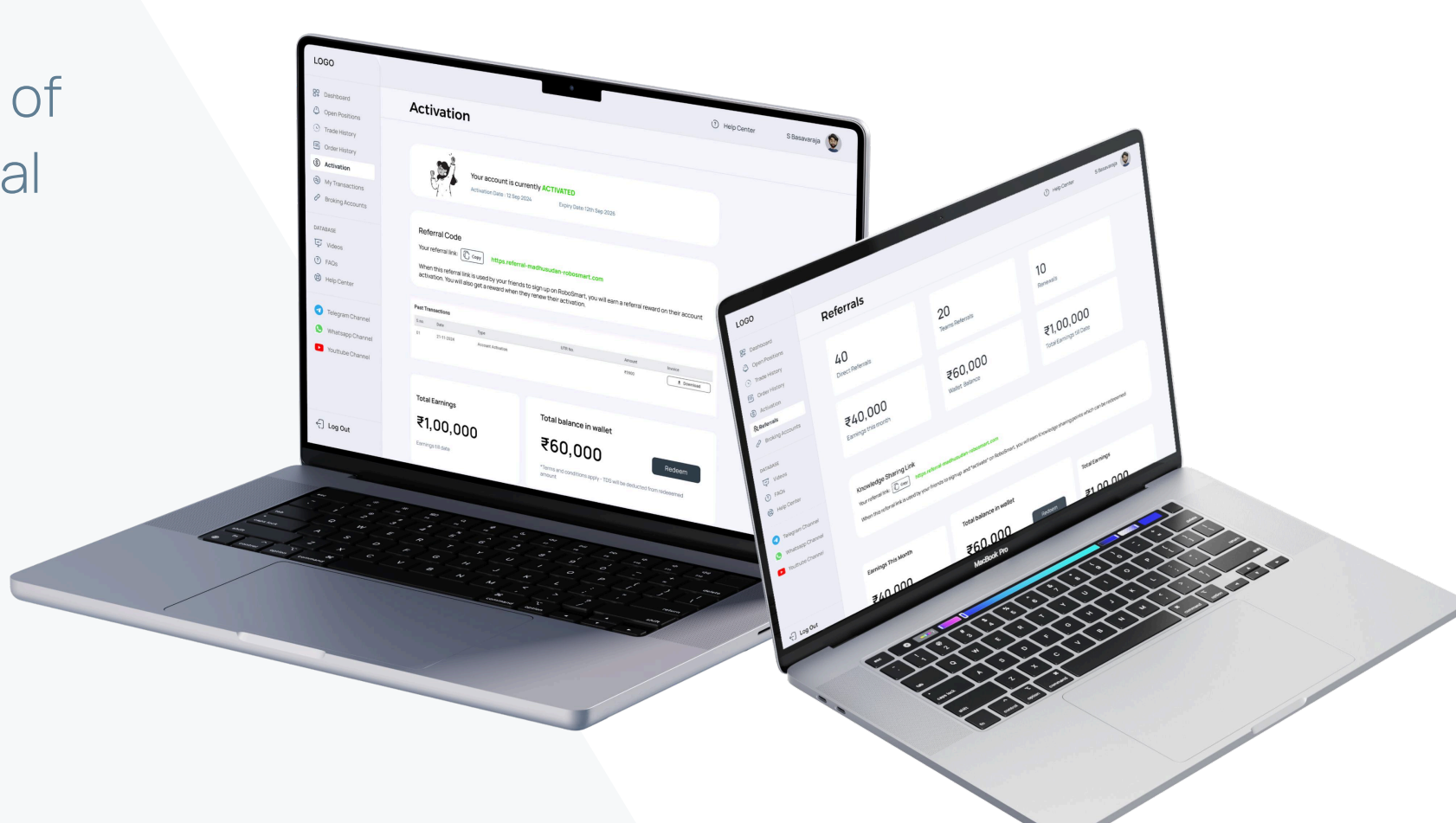
A theme is selected, and a design system is created. The project then follows the colors, fonts and structure of the design system.

As the design progresses, every element aligns with the chosen theme, maintaining clarity and usability.

## STAGE 4 DEVELOPMENT

Development process begins with Frontend Development of finalised design, to understand if the user flows are optimal for Backend infrastructure. With this stepping stone, the architecture for the storage, APIs and third party integrations is set up.

Tech stack used for Robosmart :  
Flutter, Python, AWS Lightsail, AngelOne API, MySQL, AAPanel, Plesk, Postman, NSE API etc.



## STAGE 5 TESTING & DEPLOYMENT

The site was deployed on :

Manual testing is ongoing as new features get deployed every week and users can sign up to access Robosmart.

Regular security checks and code updates ensure the project runs smoothly.



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