DHVANI

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QR CODE TO

Problem: difficulty of a person in navigating through multi storeyed facility

Product: Voice Controlled Elevator.

Initial Prototype:

We miniaturized elevator model with voice recognition ability

Business:

Consulted around 10 Industry professionals including a few Elevator companies , Operational heads and Hospitals for feedback on viability

Our product costs around 50k per installation.

Promotion through video ads , direct sales and website..

Technology:

- Arduino
- Stepper motor
- Bluetooth module
- Lcd display
- Stepper motor driver
- Interfacing through arduino IDE.

Customer Stories:

Metro mall management said “we are curious to have the hands on experience of your product and we are ready to give one of our elevator to experiment on.”

KIMS hospitals engineering team said “ we are so happy to install an innovation that solves our lift man problem”

Progress:

- Week1 – have done enhancements in product features.
- Week2 : approached and took feedback metro malls coordinator ,KIMS hospitals chief engineering department , surveyed elevator commuters
- Week3: Initial product has been developed.
- Week4:prepared the business model canvas for our product and prepared the cost and revenue estimation including various factors
- Week5:finalized the features and interfaced with elevator cop (removed).
- Week6 : Interacted with OTIS INTERNATIONAL team leads from 10 countries and pitched our idea and had real time positive feedback.

Contributors:

Dr .Vijaya kumari maam helped us in interacting with the OTIS INTERNATIONAL team heads from 10 countries and have their opinion on an innovation that can fit into an elevator.

Mentor Ramana sir suggested on problems regarding boot up time, affixation problems.

Sandeep sir advised in Technology issues such as connectivity, implementation of the device in a user friendly manner

Dr Radhika maam helped us in Building a market suitable product, how to make revenue, hurdles in commercializing it