

Trolley

A smart shopping cart that helps the shopper know the places of orders and facilitates the shopping process

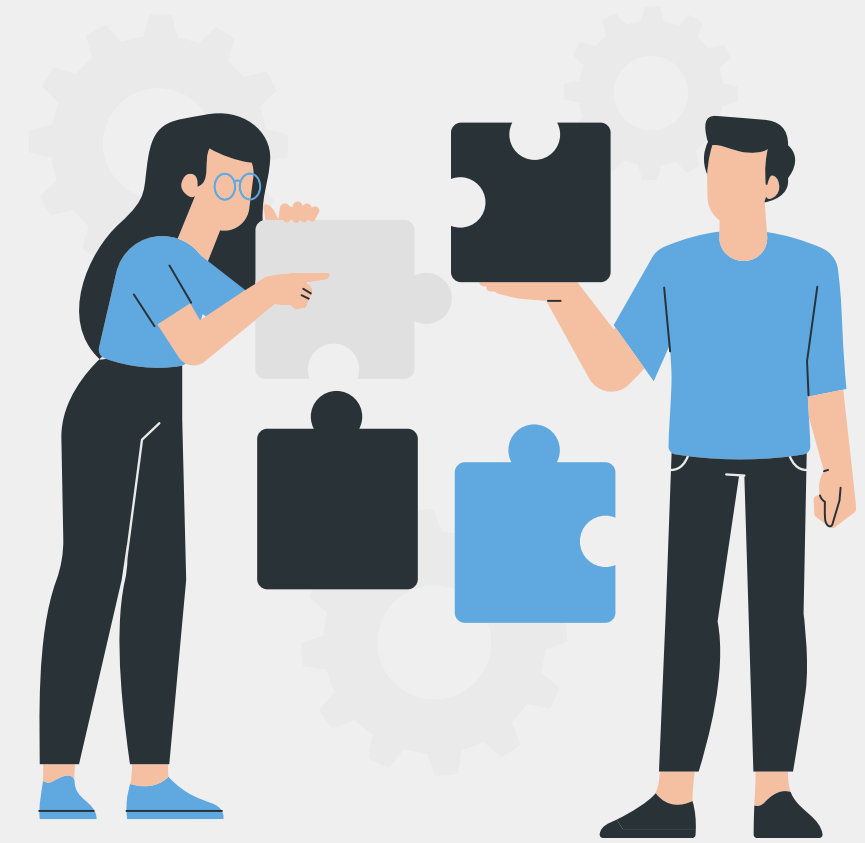
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Sama Alothman



Executive Summary

- **FROM THE CURRENT SHOPPING PROBLEMS**
 - congestion and overcrowding
 - Loss of time
 - The sales representative's inattention to complete the payment process

- **TO REDUCE THESE PROBLEMS**
 - Using technology in shopping to facilitate the shopping process
 - Reduces congestion and overcrowding, saving time and effort



Serious Social Issues

- The customer does not know the availability of the items in the store or not
- Customers may lose time in finding their needs
- Wasting time waiting for the billing
- Difficulty transporting products from the basket and unloading them at the accountant and placing them in cyst

Trolly

Developing the existing basket into a smart basket using artificial intelligence technology, the Internet of Things, and voice recognition, and it is linked to the mobile application

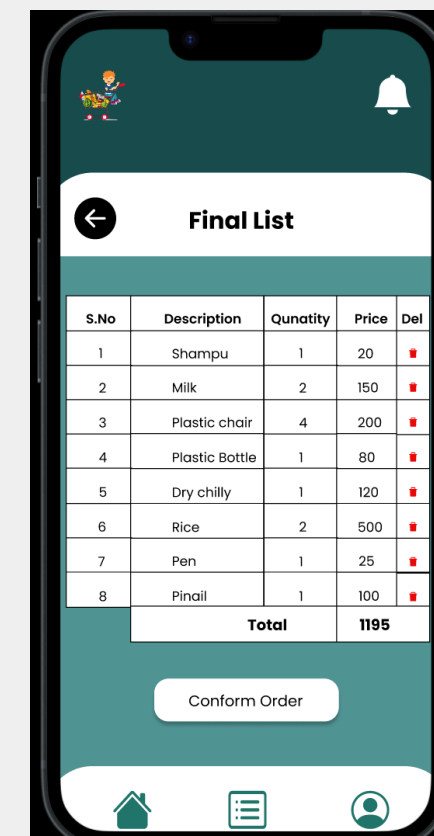
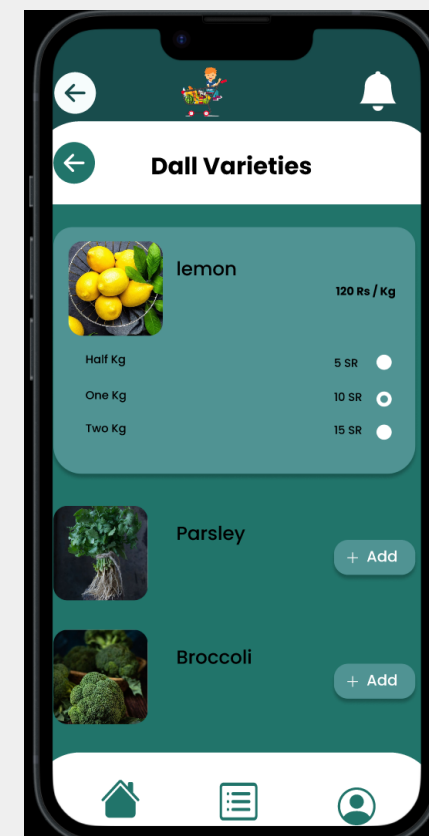
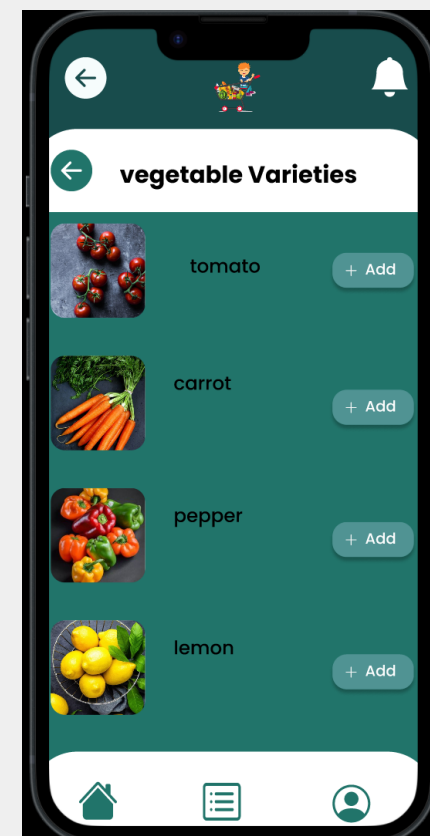
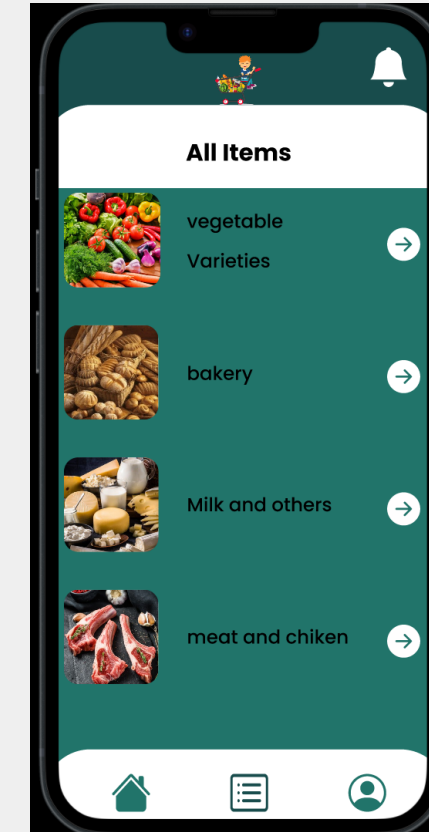
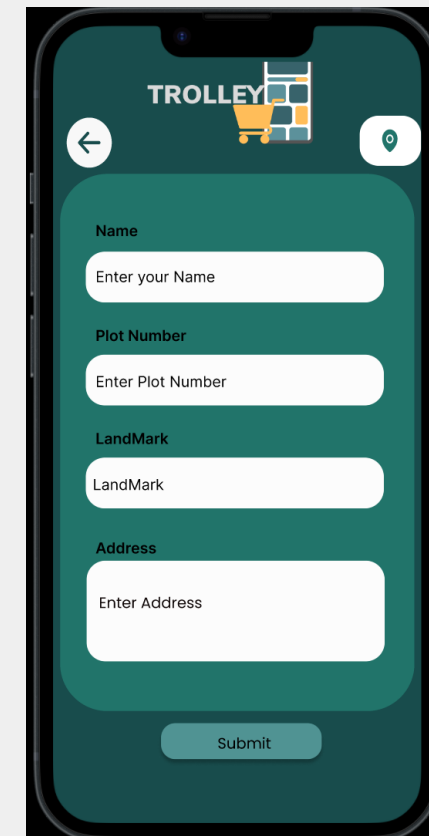
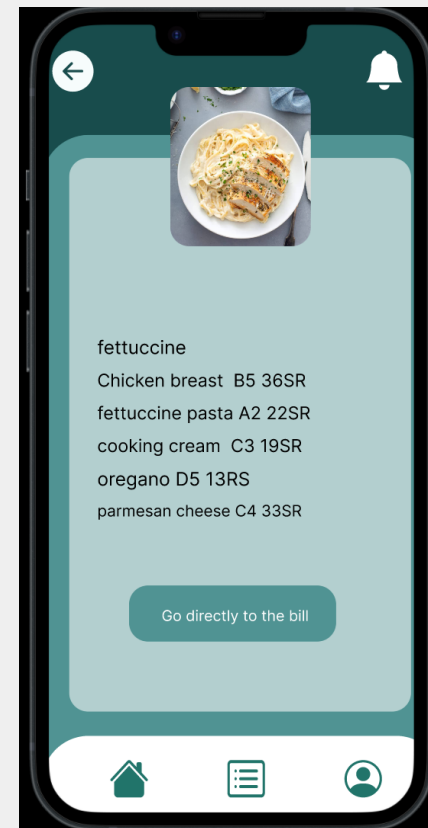
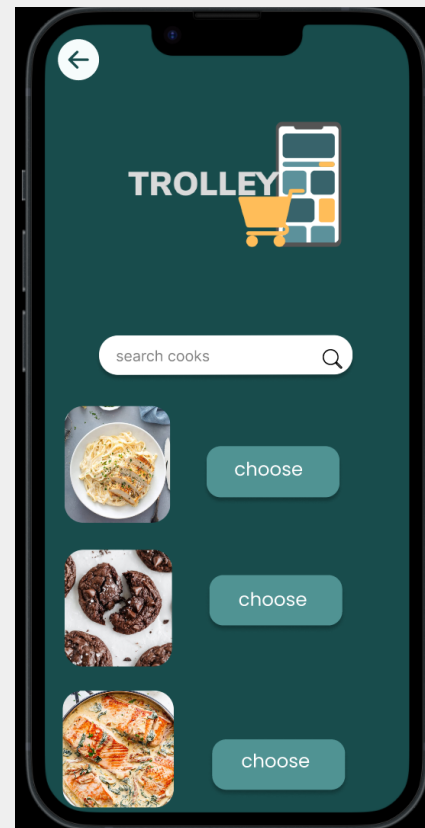


Shopping speed

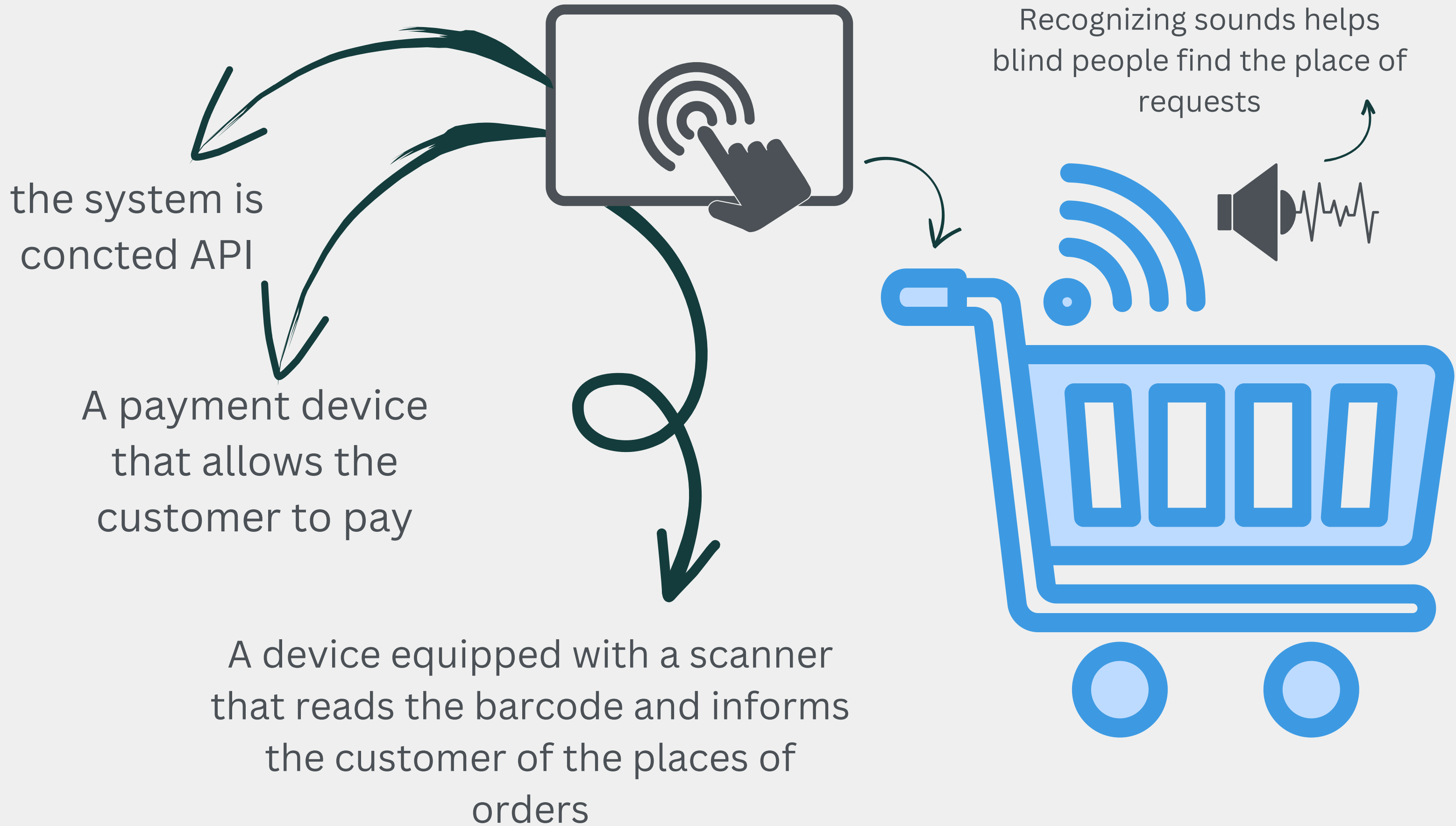


Verfy Paymentd

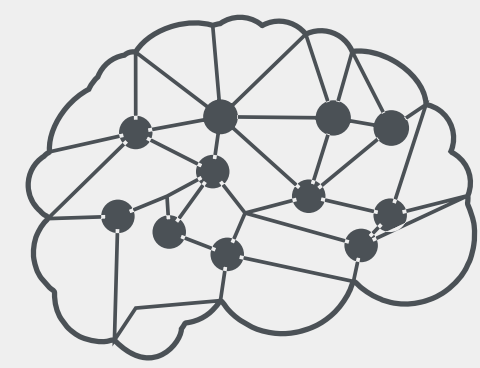
An application prototype:



MECHANISM/OPERATION



TECHNOLOGIES



artificial intelligence

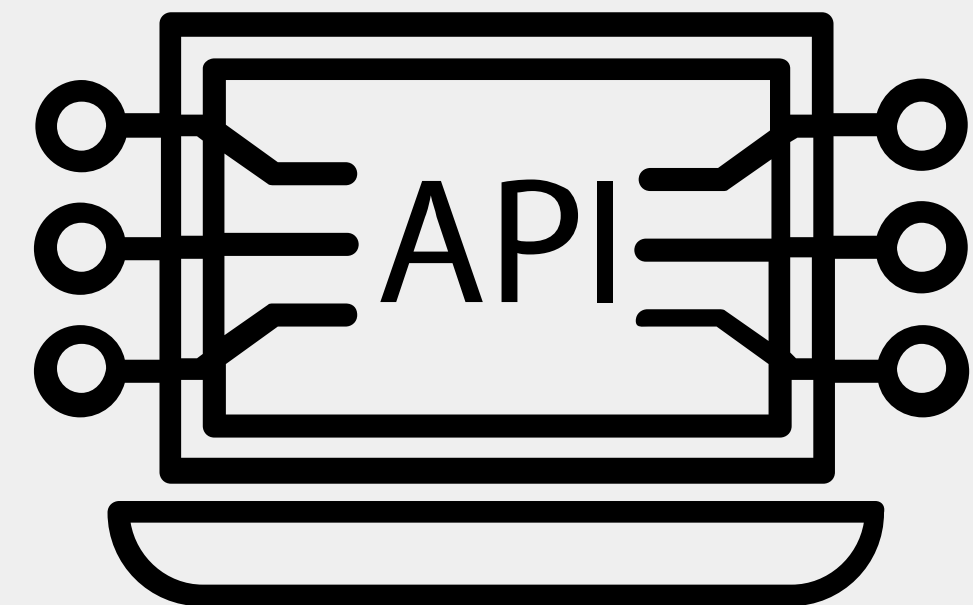


Internet of things



Recognizing sounds

The application can use the same features of the shopping cart screen that also uses the API



Benefits

- Shopping speed
- Verify payments
- Easy of use



Video



Prototype



github

Thanks for
watching