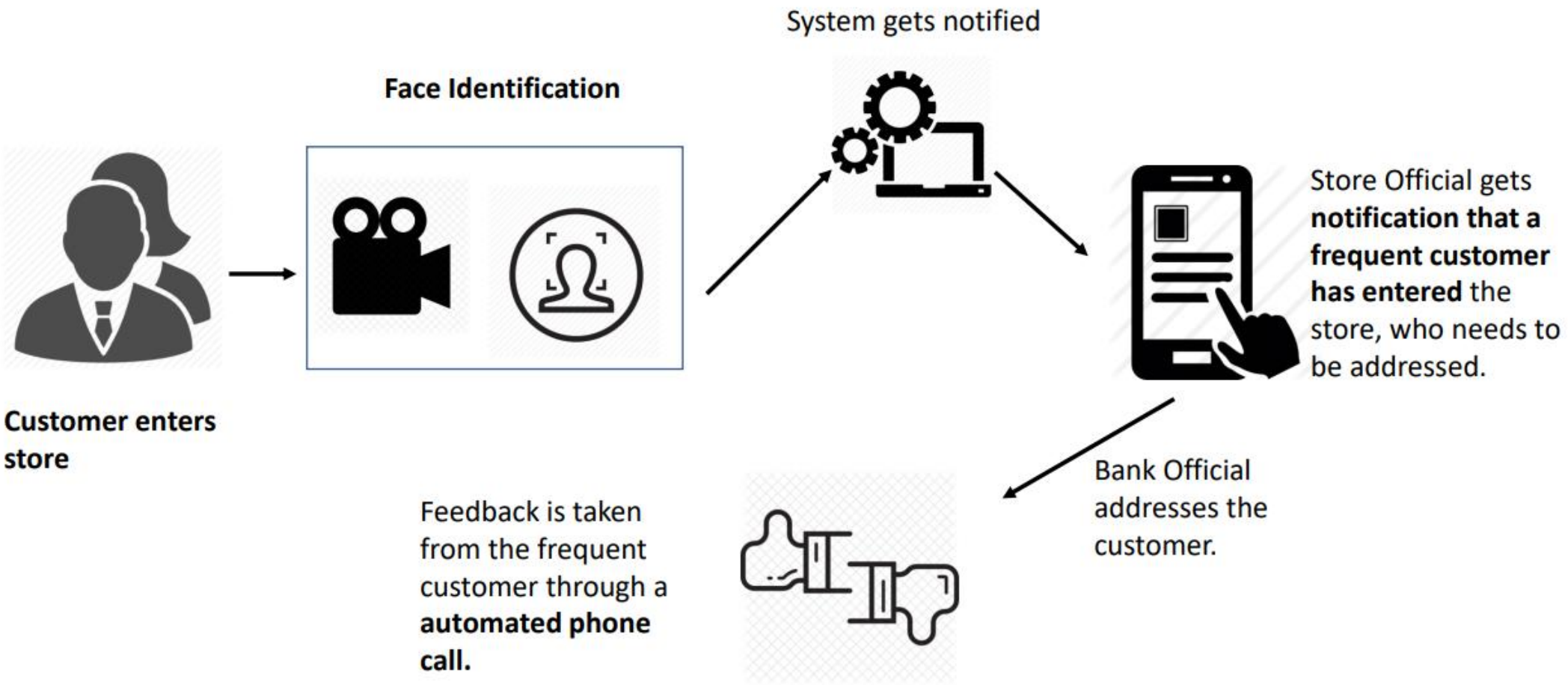
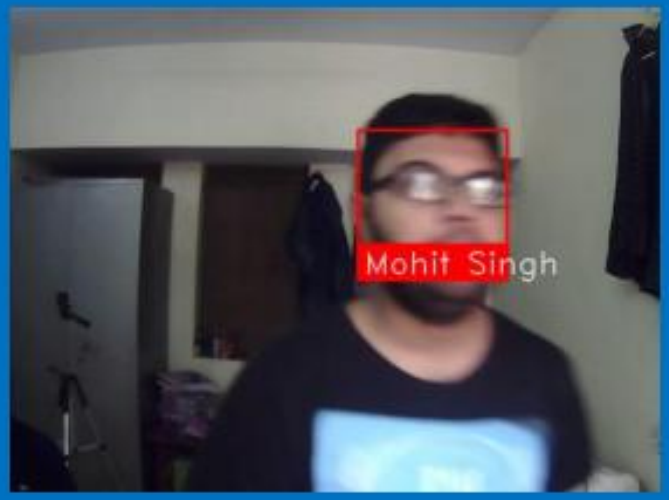
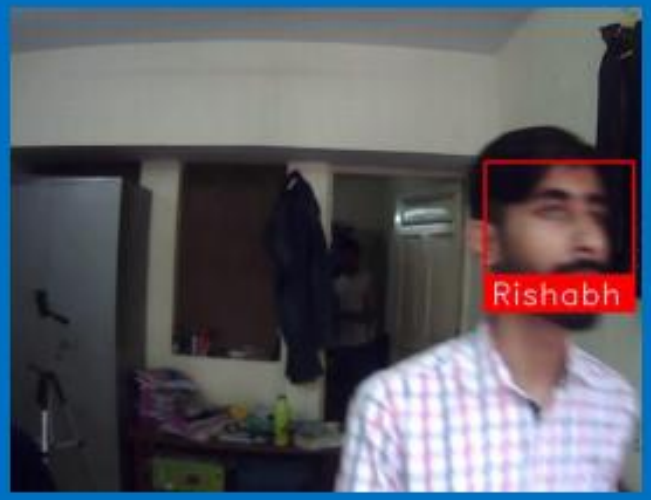

System gets notified
Face Identification
Store Official gets **notification that a frequent customer has entered** the store, who needs to be addressed.
Customer enters store
Bank Official addresses the customer.
Feedback is taken from the frequent customer through a **automated phone call.**

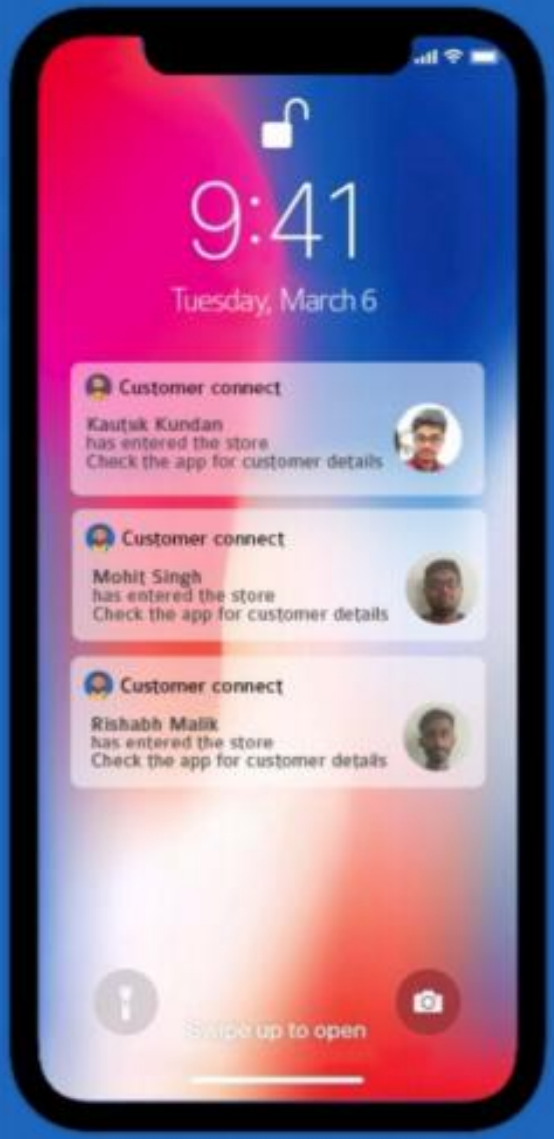
IMPLEMENTATION

The Camera Identifies the customer using convolutional neural network running in background

The **sales persons** of the store get notified as soon as some customer enters the store.





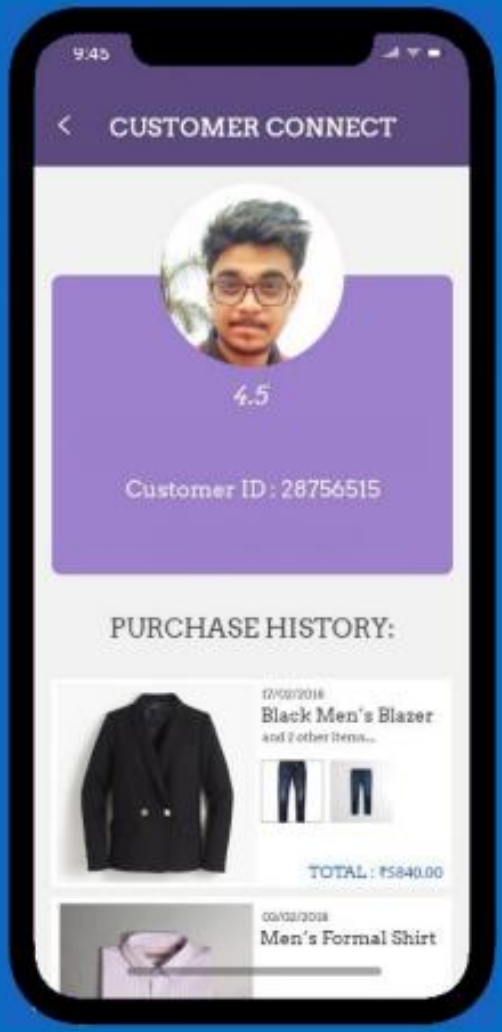


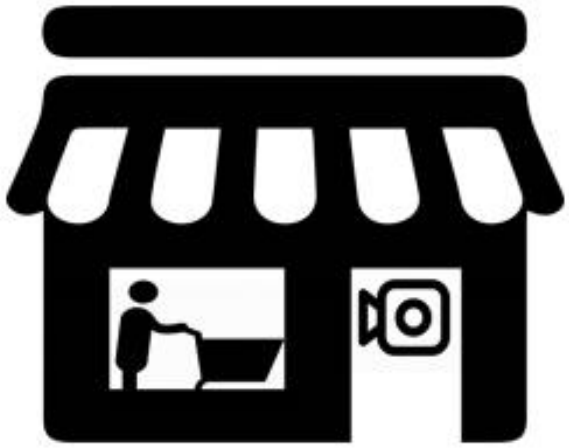
The sales person have 2 options :
either to attend to the customer or skip attending them.

In case some retail worker skips the customer attending request , the next available employee can accept it

The **sales person gets all the details of the past purchases** of the customer .

The sales person can thus give recommendations based on these past purchases of the customer





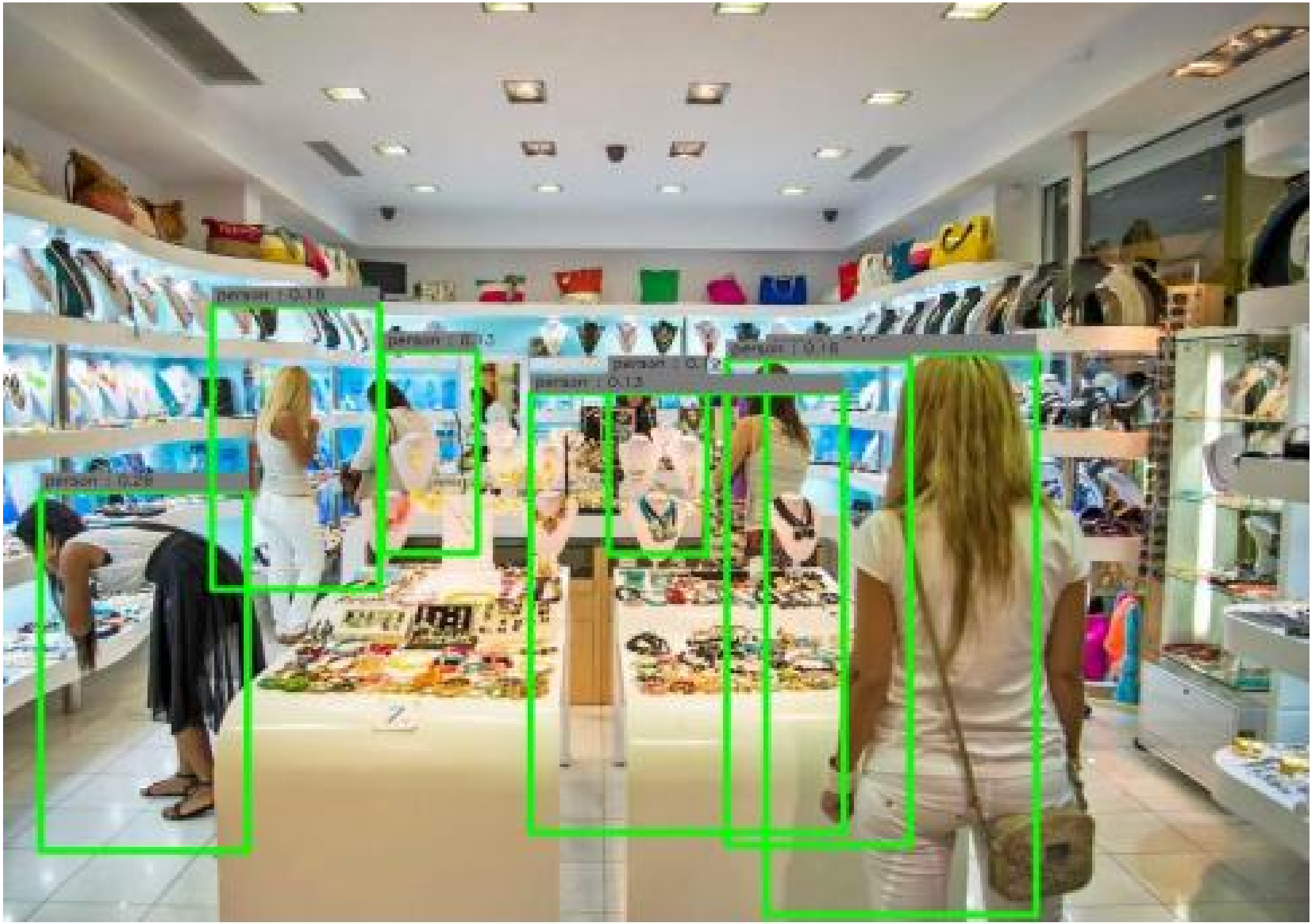
Customer in each section of the store gets detected.

The no of customer in each section of the store gets stored in a real-time database.

That no is fed unto our system.

Graphs are plotted.

Analysis is done using those graphs.


person : 0.13
person : 0.13
person : 0.13


Save
30%
or more
sass & bide
womenswear
person : 0.33
person : 0.33
: 0.38
person : 0.30

By Calculating the mean distribution of people in the store over time we can generate a heatmap of people's density

Red = Highest density
Yellow = moderate
Green = Least density

The heatmap can be useful to analyze customer behaviour in the store