

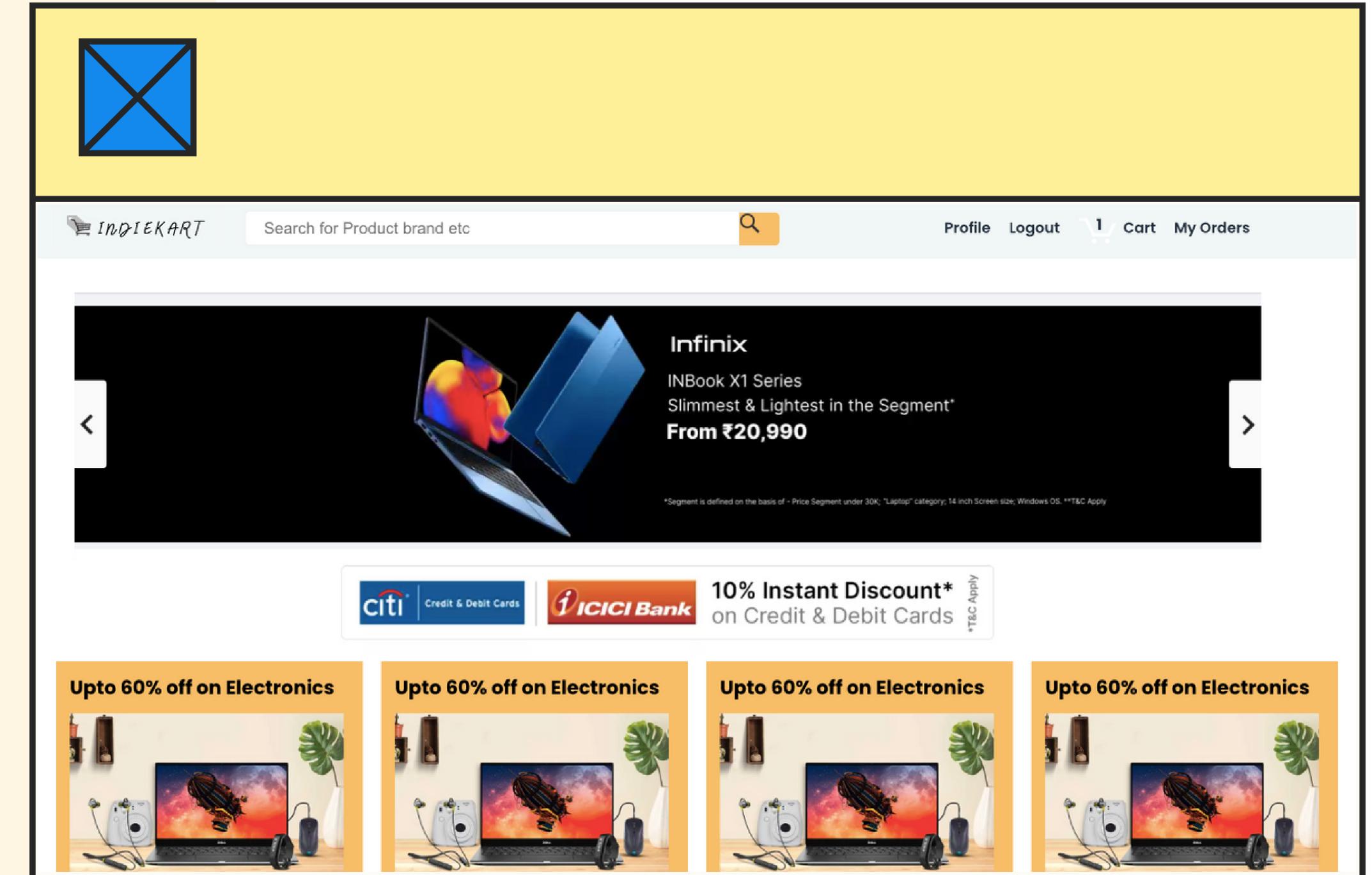


# INDIEKART

*By Ayushi Tingh*

# introducing **INDIEKART**

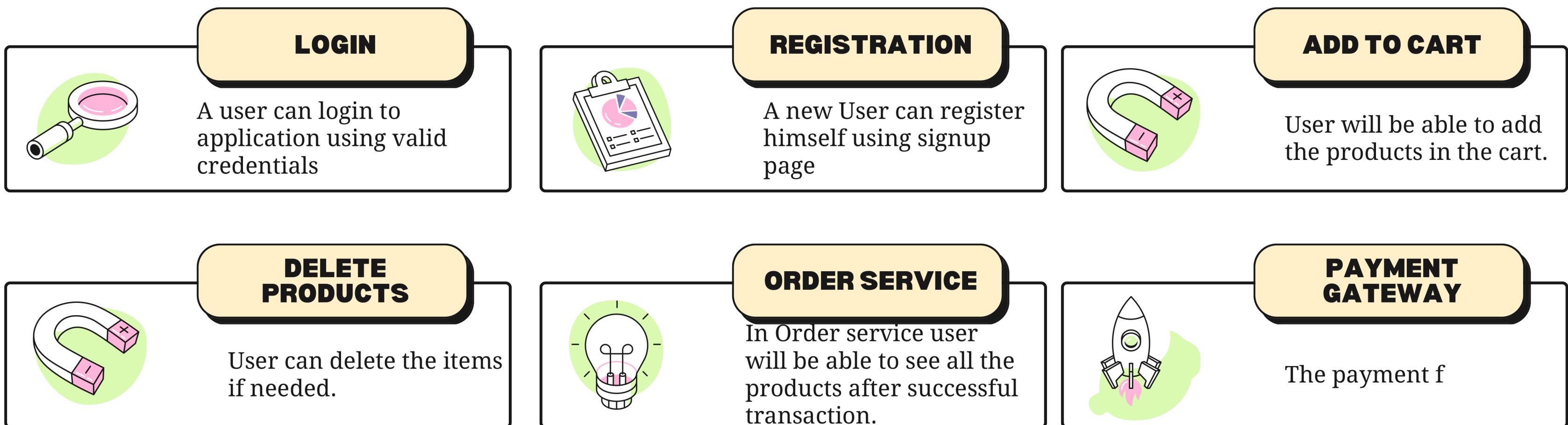
Indiekart is a one stop solution  
for all your needs with focus on supporting  
Make in India goods and services.



The screenshot shows the Indiekart website homepage. At the top, there is a yellow header bar with a blue square logo containing a white 'X'. Below it is a navigation bar with the text "INDIEKART", a search bar, and links for "Profile", "Logout", "Cart" (with a count of 1), and "My Orders". The main banner features an Infinix INBook X1 Series laptop with a colorful abstract background on its screen. The text "Infinix INBook X1 Series" and "From ₹20,990" is displayed next to the laptop. A small note at the bottom of the banner states: "Segment is defined on the basis of - Price Segment under 30K; "Laptop" category; 14 inch Screen size; Windows OS. \*\*T&C Apply". Below the banner, there are four promotional boxes, each offering "Upto 60% off on Electronics". Each box contains a laptop, headphones, and a camera. To the right of these boxes, there are logos for Citi Credit & Debit Cards and ICICI Bank, followed by the text "10% Instant Discount\* on Credit & Debit Cards" and a note "T&C Apply".

# FUNCTIONALITIES

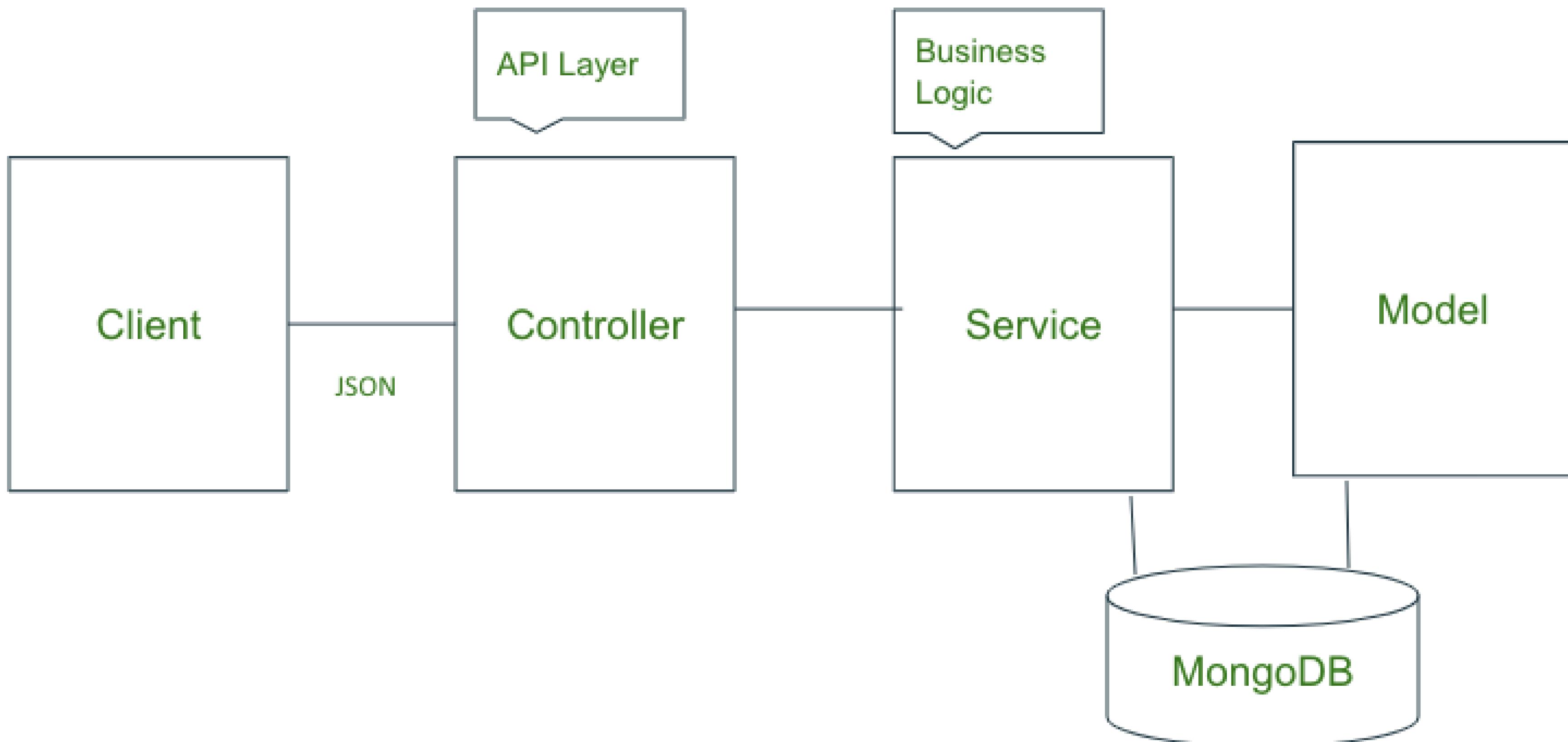
A User will be having above functionalities He can login / signup with firebase authentication. Add the Products to cart , The Payment Gateway used is STRIPE



# project **BACKEND**

- 01 Eureka Server**  
Maintain the track of all the microservices
- 02 Microservices**  
Microservices created for product customer cart
- 03 Api Gateway**  
Api gateway is used in order for single entry point
- 04 Feign Client**  
Feign client is used for interaction between microservices
- 05 Swagger**  
Swagger was used for testing the apis

# Microservice Architecture



# Eureka Server

Data center	default	Uptime	13:12
		Lease expiration enabled	false
		Renews threshold	8
		Renews (last min)	8

EMERGENCY! EUREKA MAY BE INCORRECTLY CLAIMING INSTANCES ARE UP WHEN THEY'RE NOT. RENEWALS ARE LESSER THAN THRESHOLD AND HENCE THE INSTANCES ARE NOT BEING EXPIRED JUST TO BE SAFE.

## DS Replicas

[localhost](#)

## Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
ADD-TO-CART	n/a (1)	(1)	UP (1) - <a href="#">192.168.29.109:add-to-cart:8081</a>
API_GATEWAY	n/a (1)	(1)	UP (1) - <a href="#">192.168.29.109:API_GATEWAY:8087</a>
CUSTOMER	n/a (1)	(1)	UP (1) - <a href="#">192.168.29.109:Customer:9091</a>
PRODUCT-DETAILS	n/a (1)	(1)	UP (1) - <a href="#">192.168.29.109:product-details:8082</a>

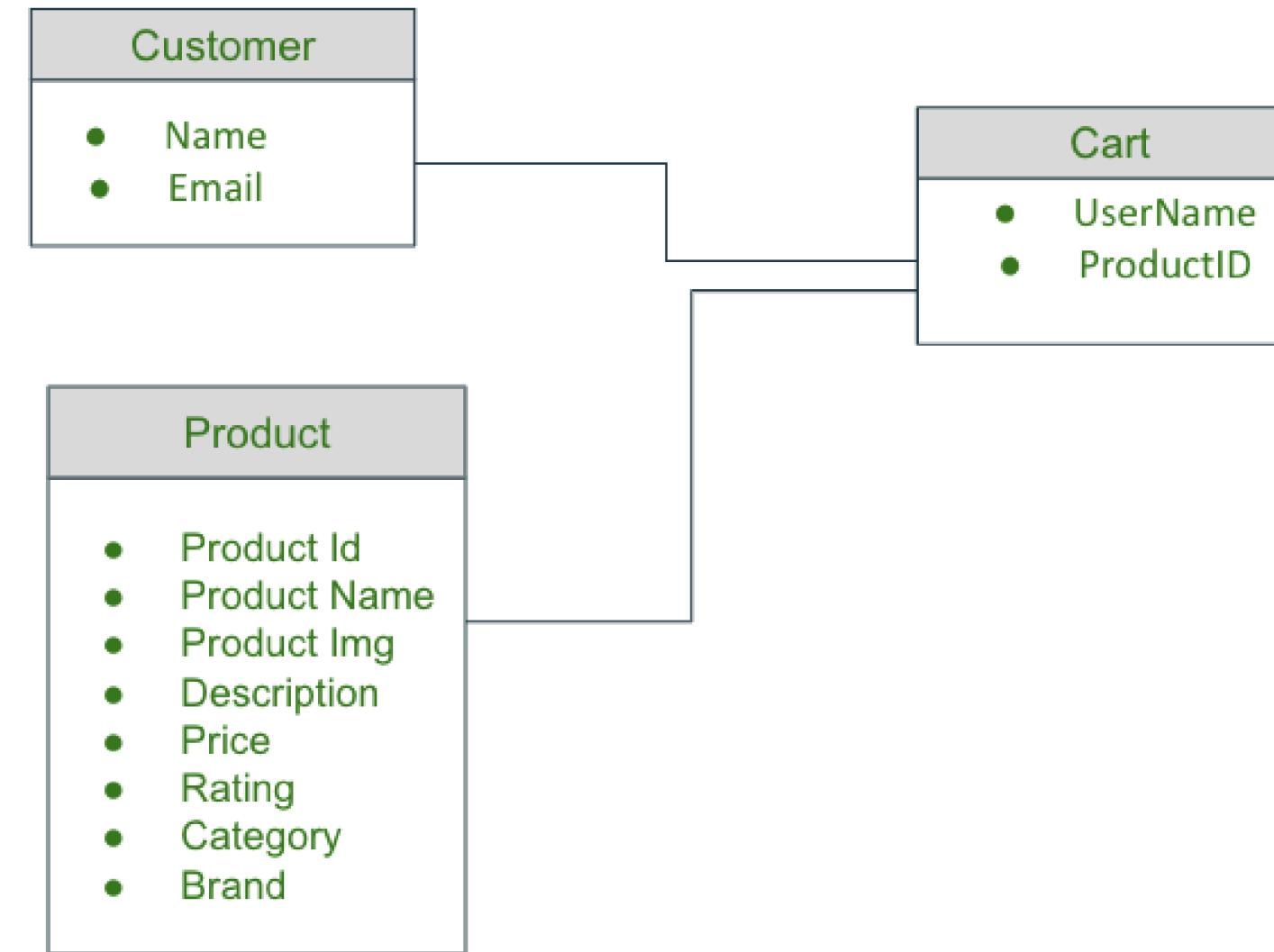
## General Info

# project **DATABASE**

MongoDb

## MongoDB

MongoDB



# project **FRONTEND**

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**01** **React**

React Js is used for the frontend side

**02** **Redux**

Redux toolkit is used for state management

**03** **Material Ui**

Material ui is used for the css components

**04** **Tailwind**

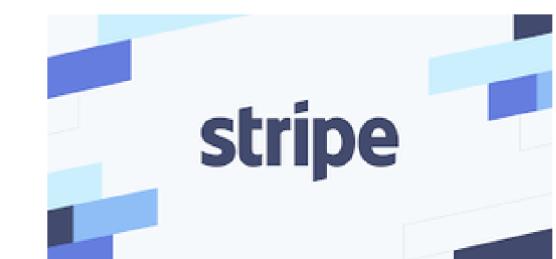
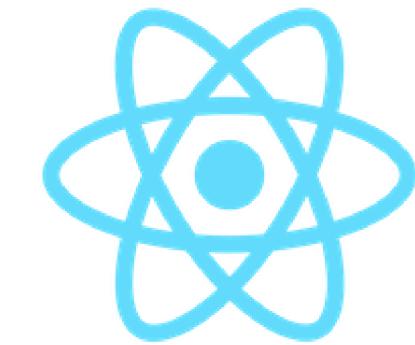
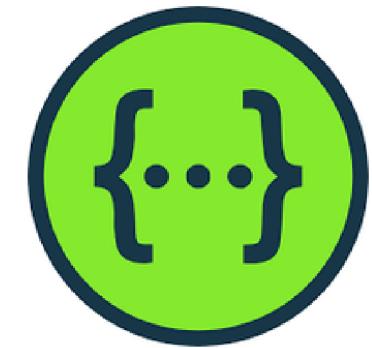
Tailwind is used for inline css

**05** **Axios**

Axios is used for fetching the data from apis

# TECH STACK

Technologies used  
In the Project.



*future*

# ENHANCEMENTS

01

## **StoreFront**

A different store front will be created where owners can add their products in site

02

## **Authetication**

More Enhancements in authentication using gpay, pay etc

03

## **Personalised Recommenations**

Using NPL will evolve the overall project and make it more customer friendly.

**THANKS  
FOR  
WATCHING**

Ayushi Singh

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?tab=repositories](https://github.com/ayushising?tab=repositories)

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