ECOMMERCE WEB APPLICATION

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CapStone Project

Concepts Used Backend:

1.Used CQRS Design Patterns on API
2.CustomException Handling(with Global-ErrorHandling-Custom Middleware)
3.Serilog Logging Functionality
4.Microservices Architecture
5.Db Separate Approach for API
6.User-Security API with Jwt Generation Authentication, Authorization,Email Service., Token Generation(Access,Refresh-Cookies)
7.Microservices Communication through HttpClient
8.Ocelot API Gateway with Individual Authorization
9.EmailService (Mail-Kit...) on forgot password .
10.MongoDB,SQL Server.
11.MOQ Testing for 6 API ..

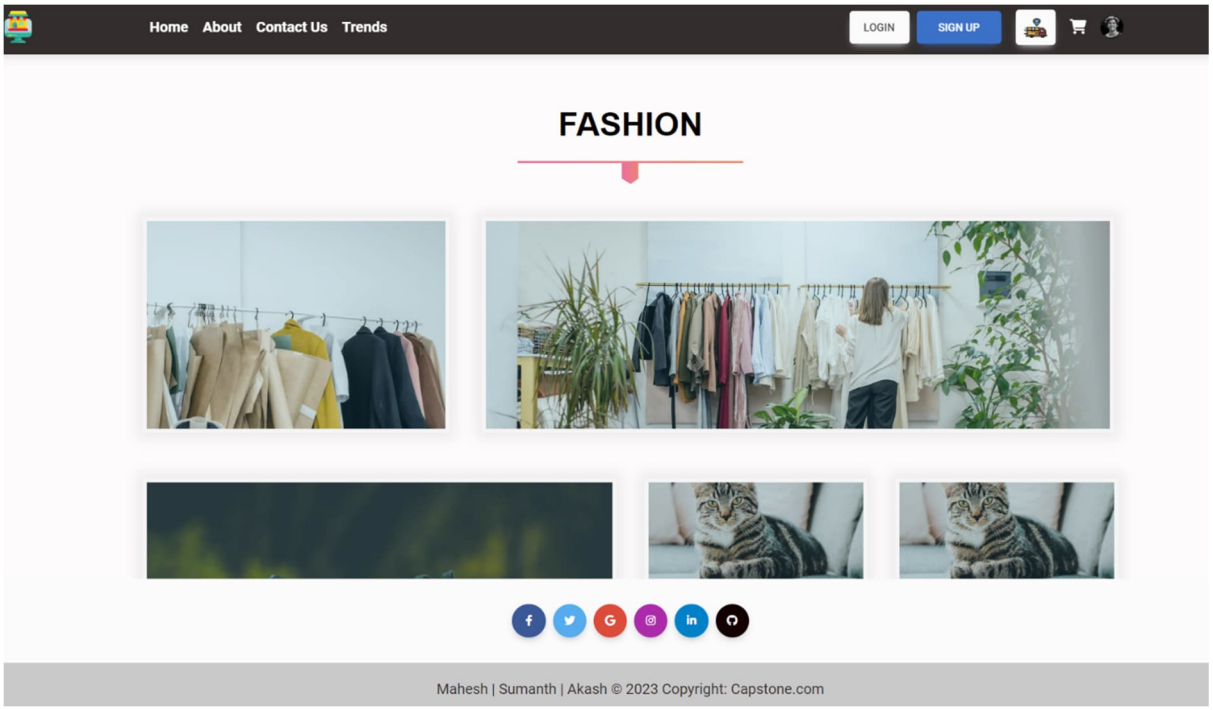
Concepts Used Front-End:

1.Accepting API from Ocelot
2.ExceptionHandlers in Service
3.Toast Service used For Navigation
4.Implemented Interceptor & Auth-Guard
5. UI :Angular Material, Bootstrap
6.Routing Guard on Paths based on Roles
7.User & Admin Dashboards.

Future Outcomes:

1.Implement Cache through Redis
2.Kafka Implementation
3.Deployment

HOME PAGE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About
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Trends
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SIGN UP
FASHION
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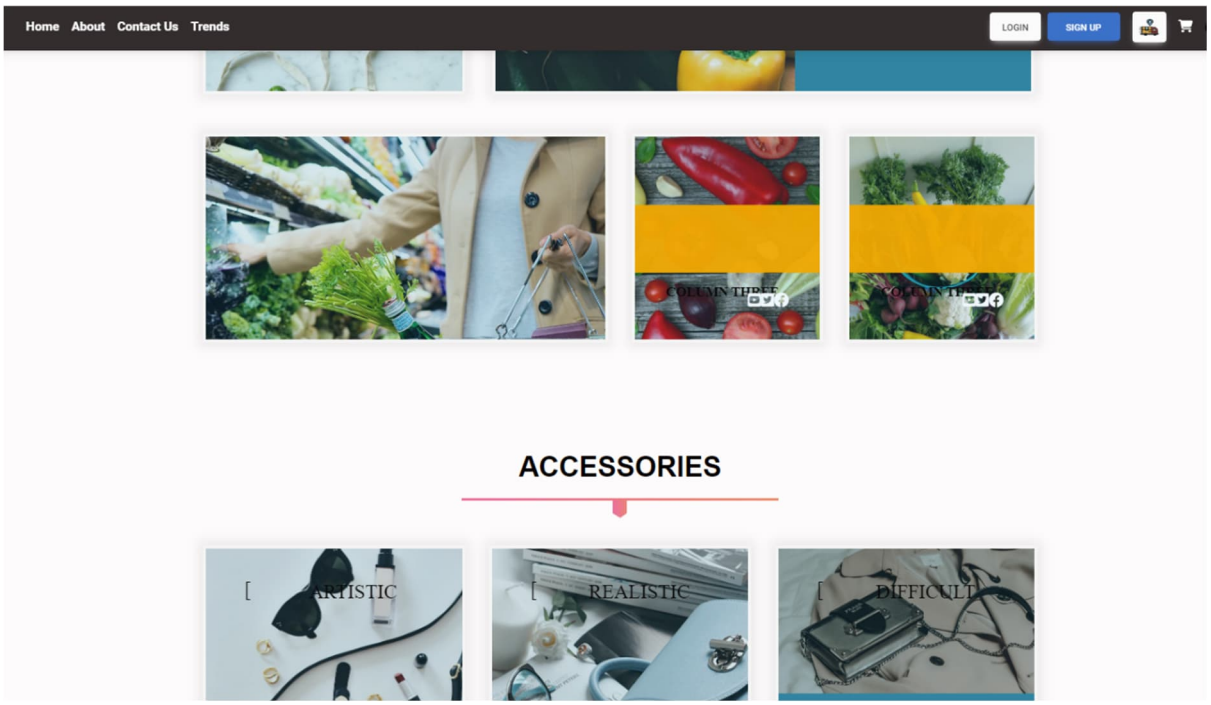
Home
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SIGN UP
ACCESSORIES
ARTISTIC
REALISTIC
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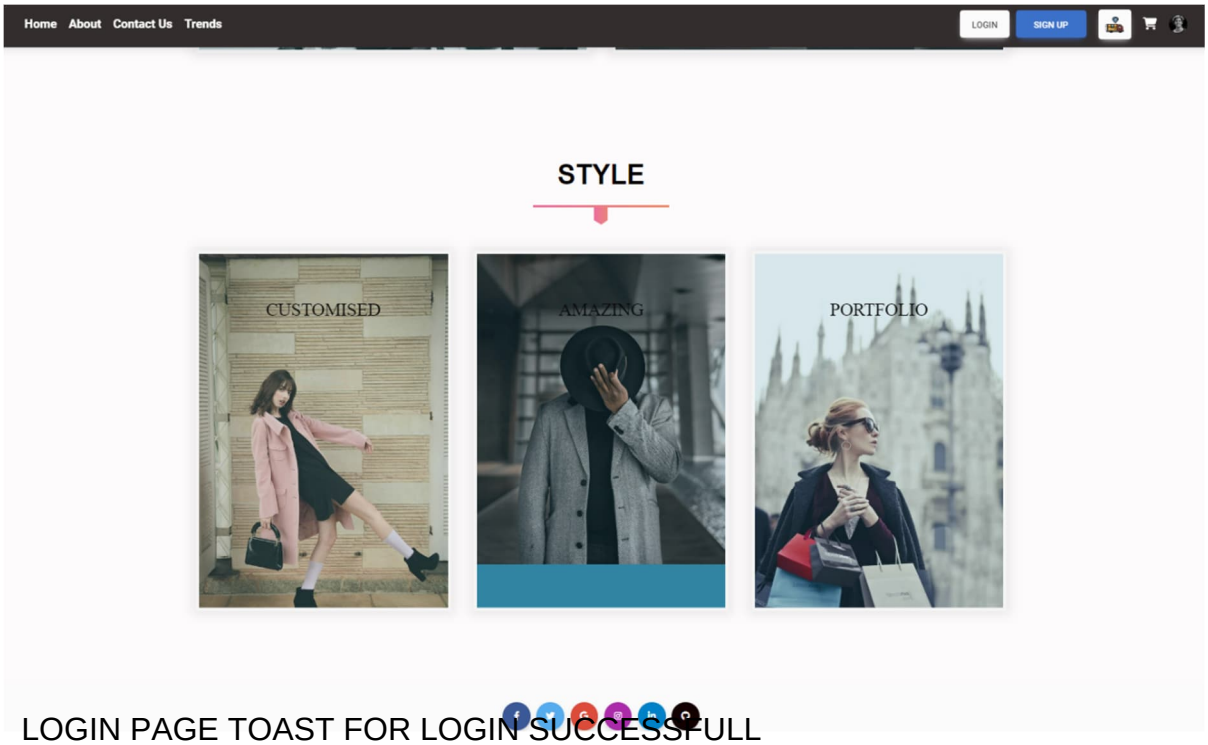
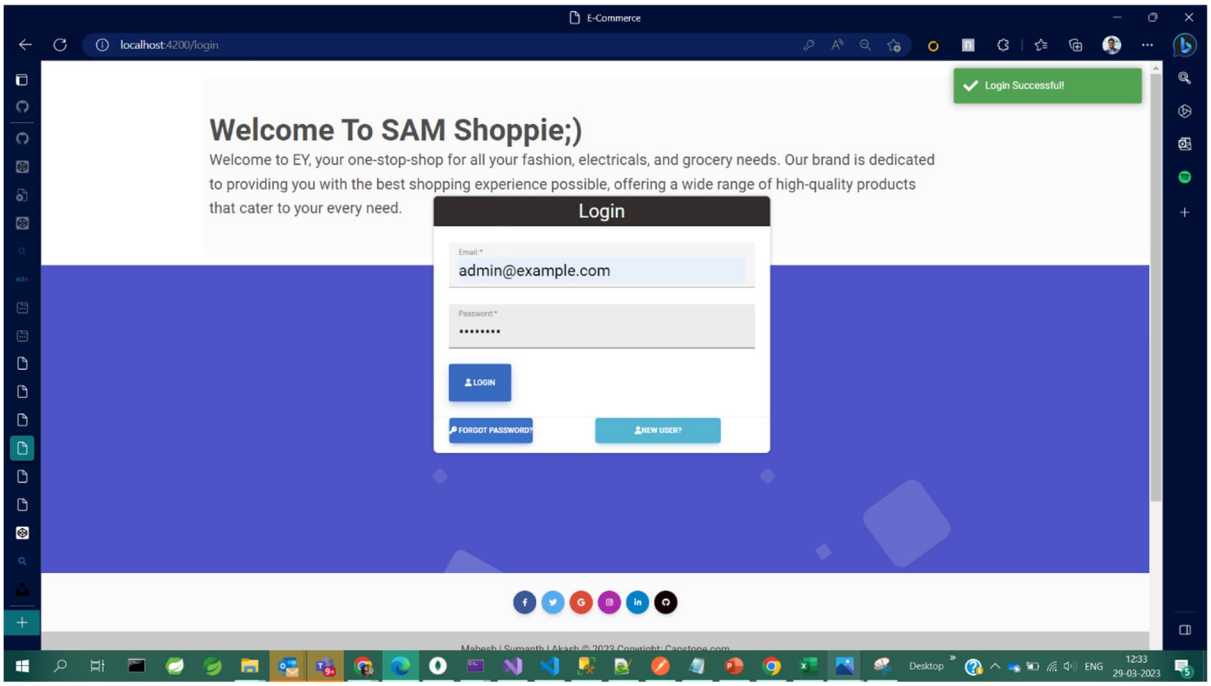
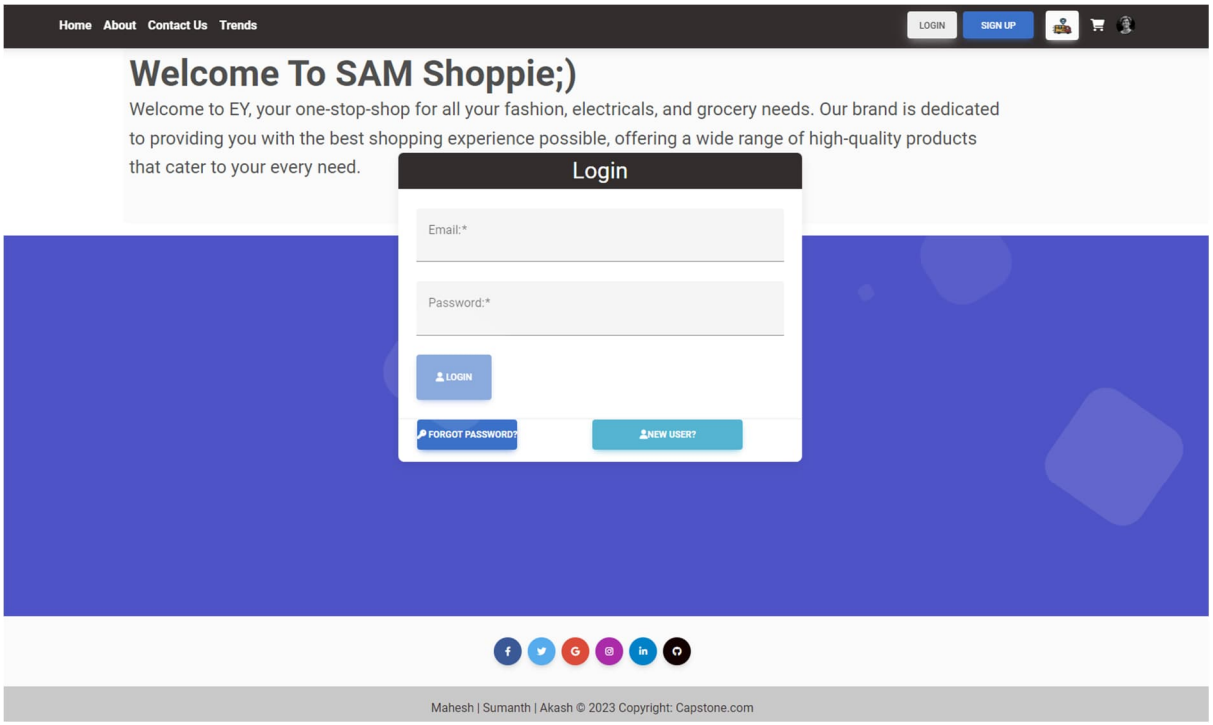


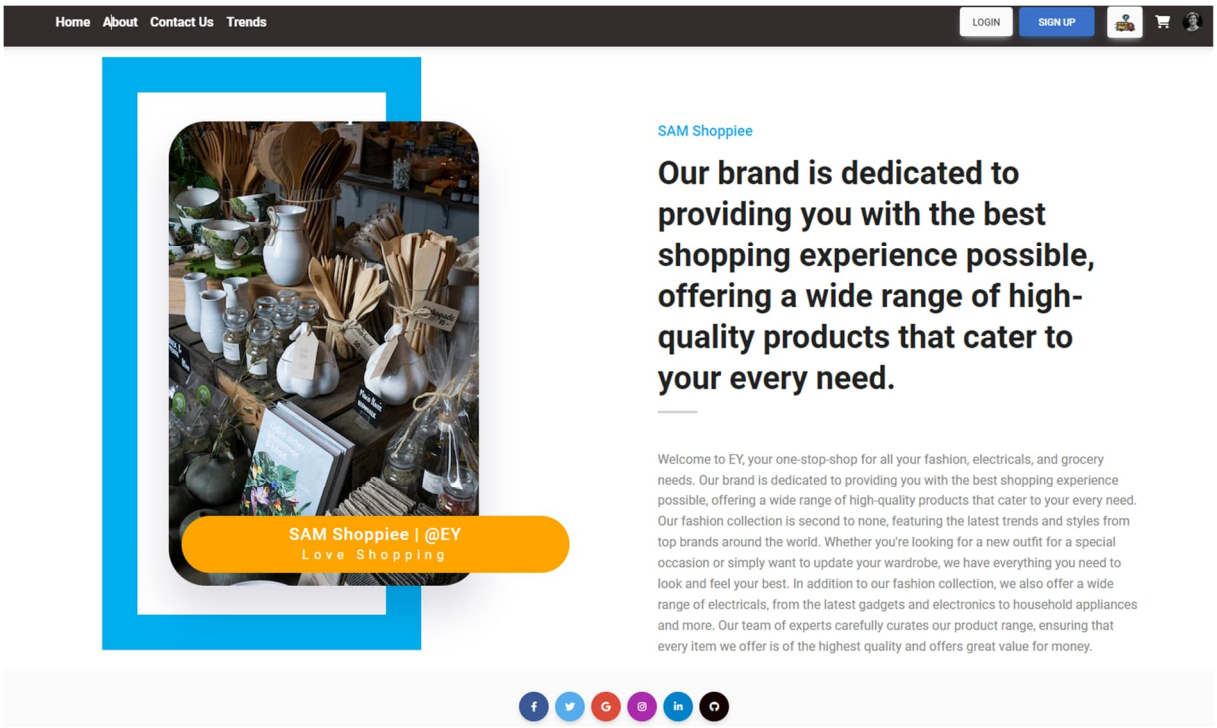
LOGIN PAGE TOAST FOR LOGIN SUCCESSFULL



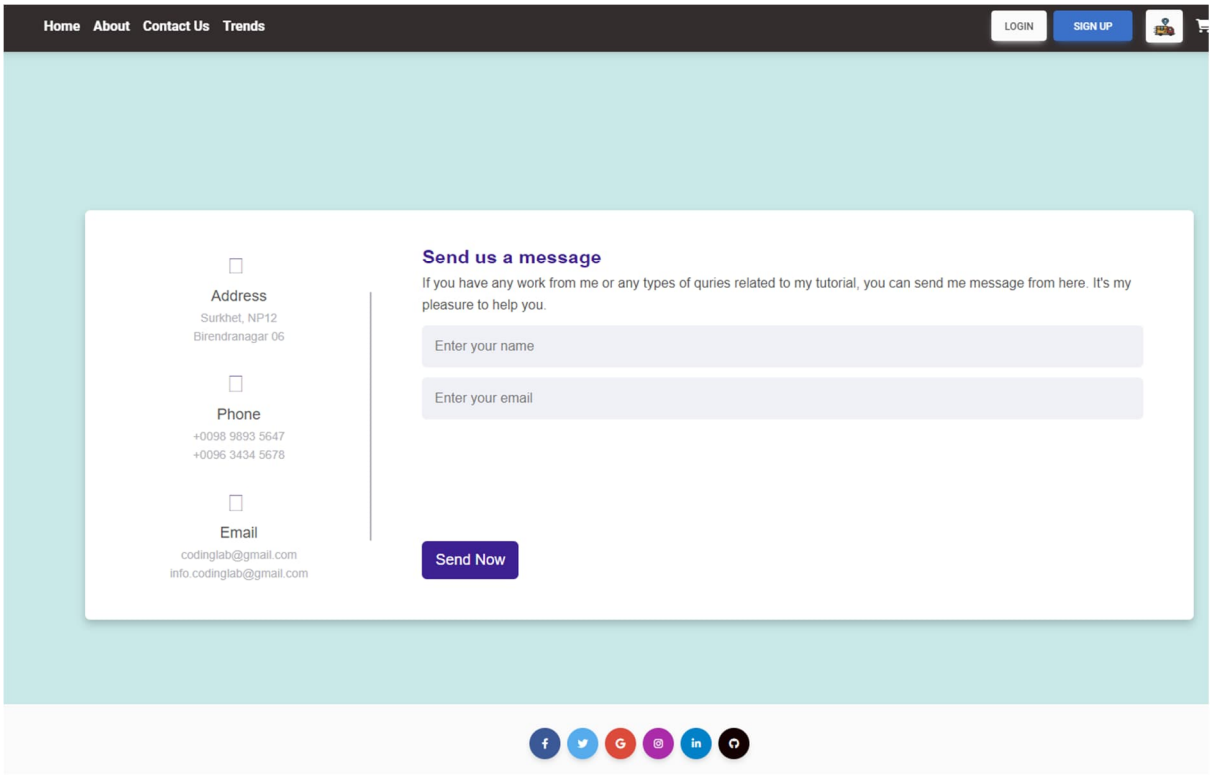
LOGIN PAGE

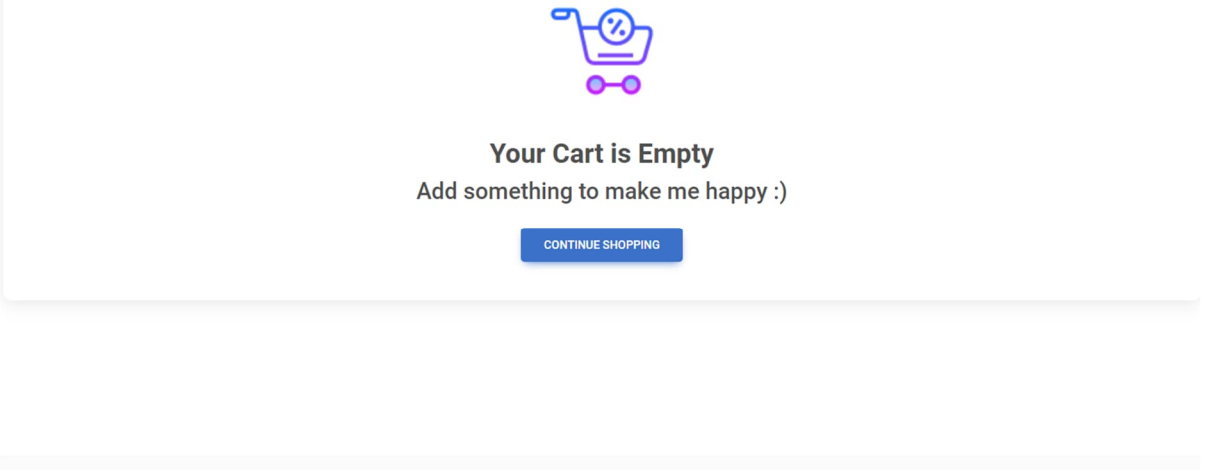


ABOUT PAGE

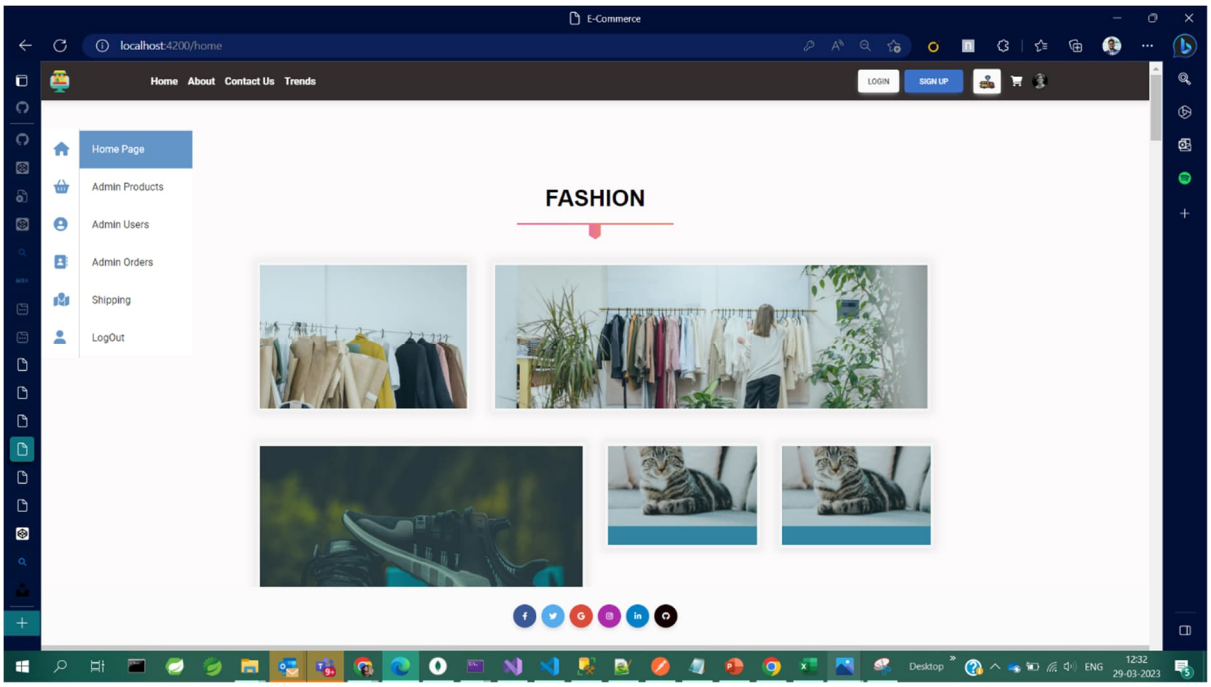


CONTACT Us PAGE





ADMIN HOME PAGE



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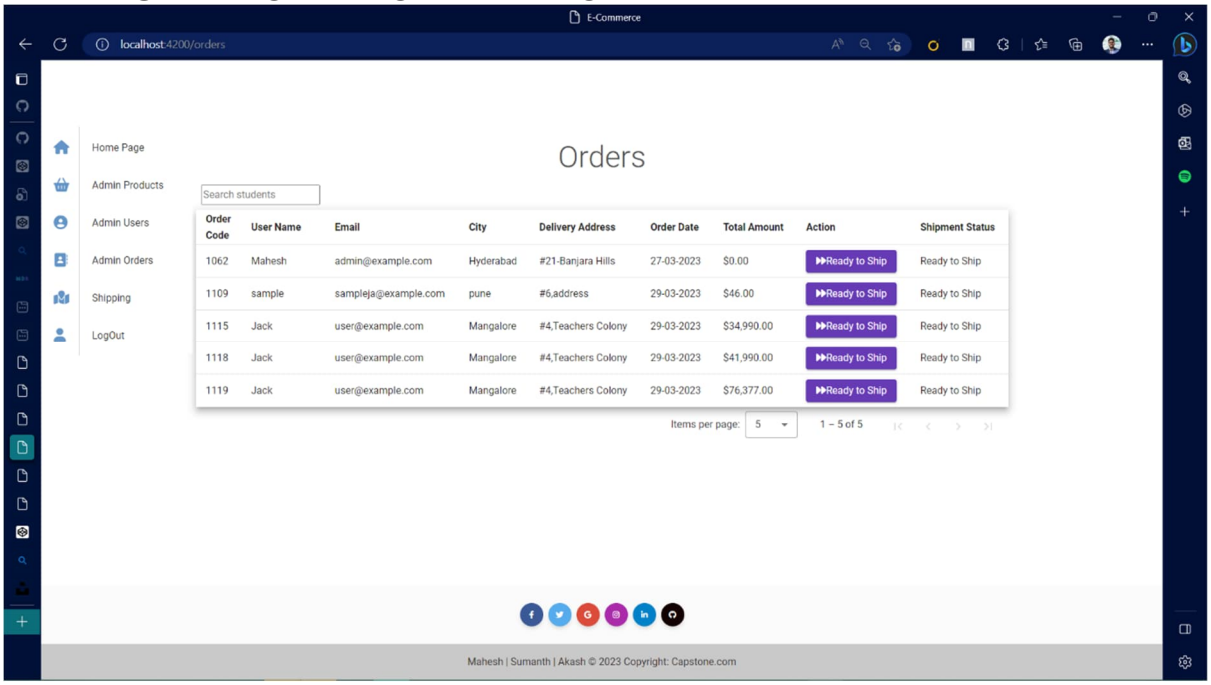
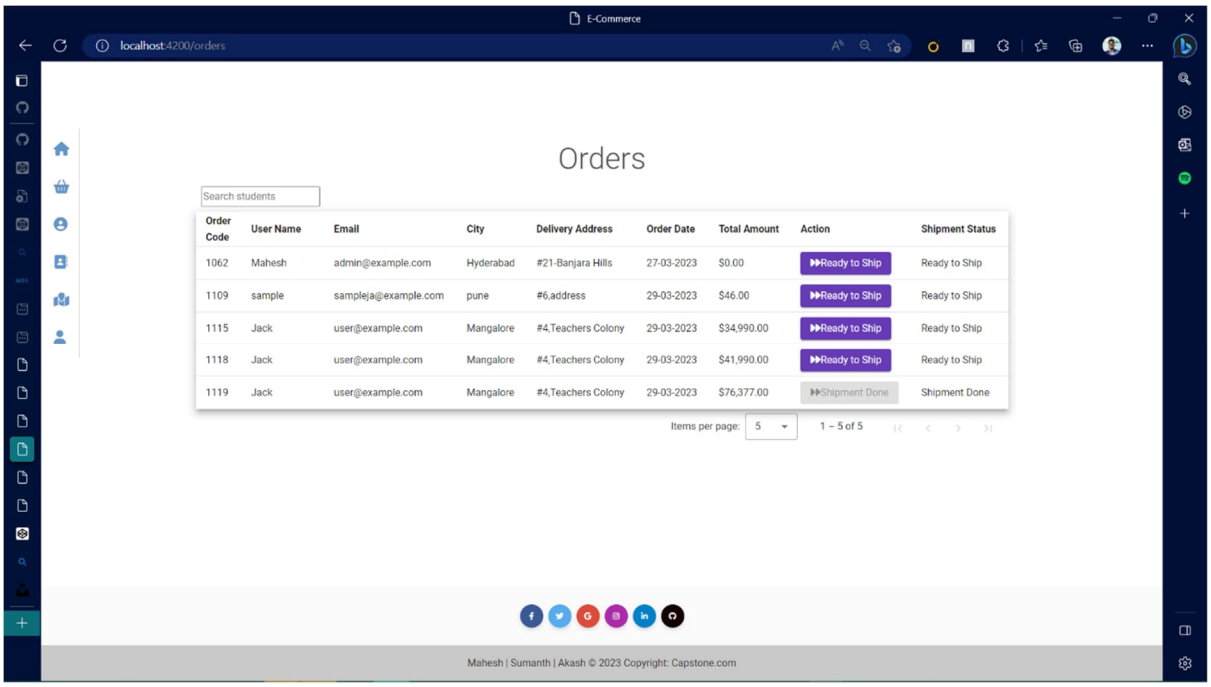
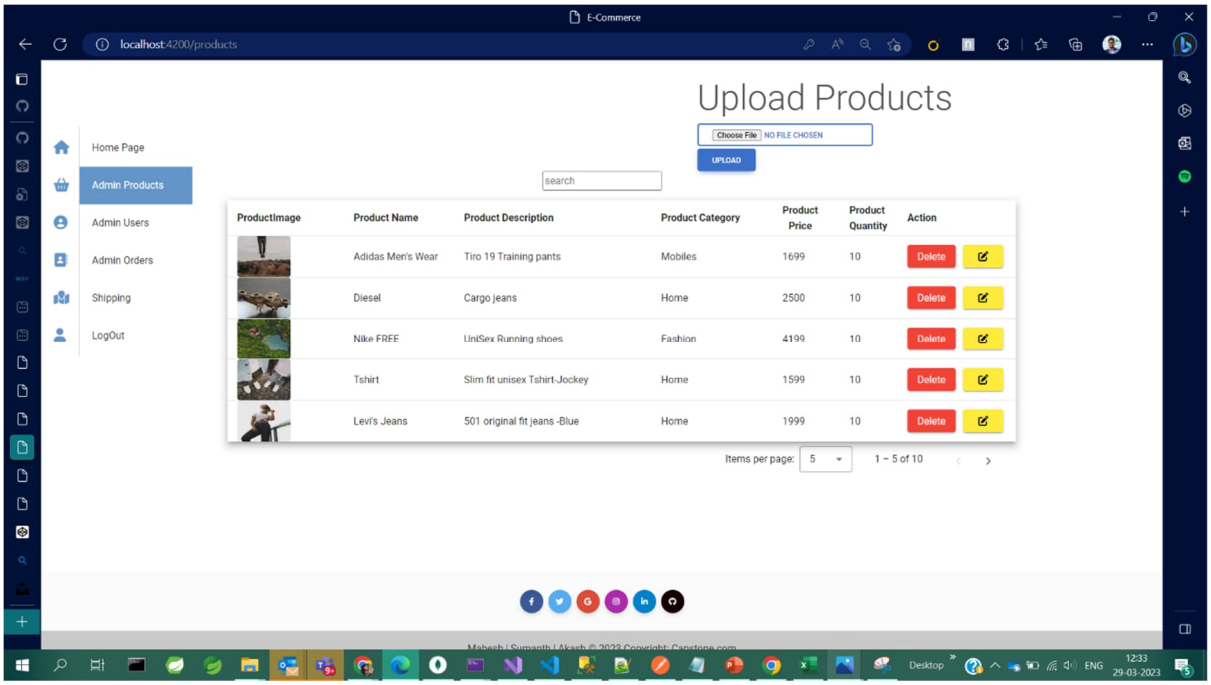
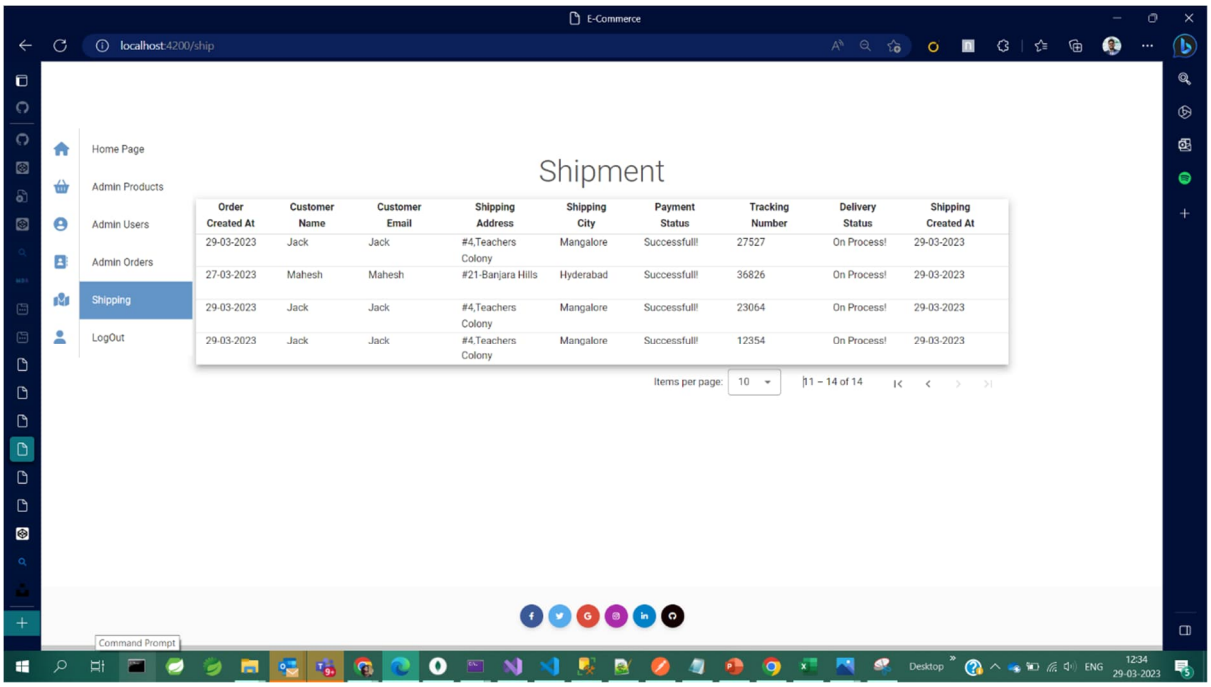




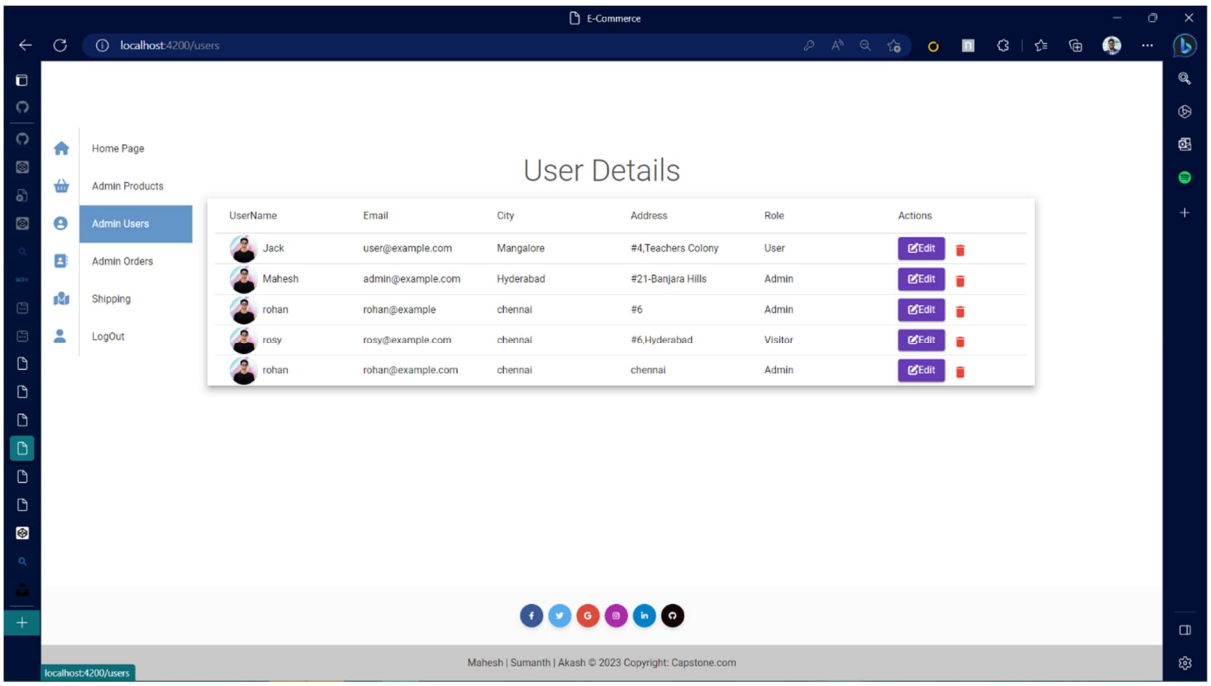
UPLOAD PRODUCTS - CSV FILE for BULK UPLOAD



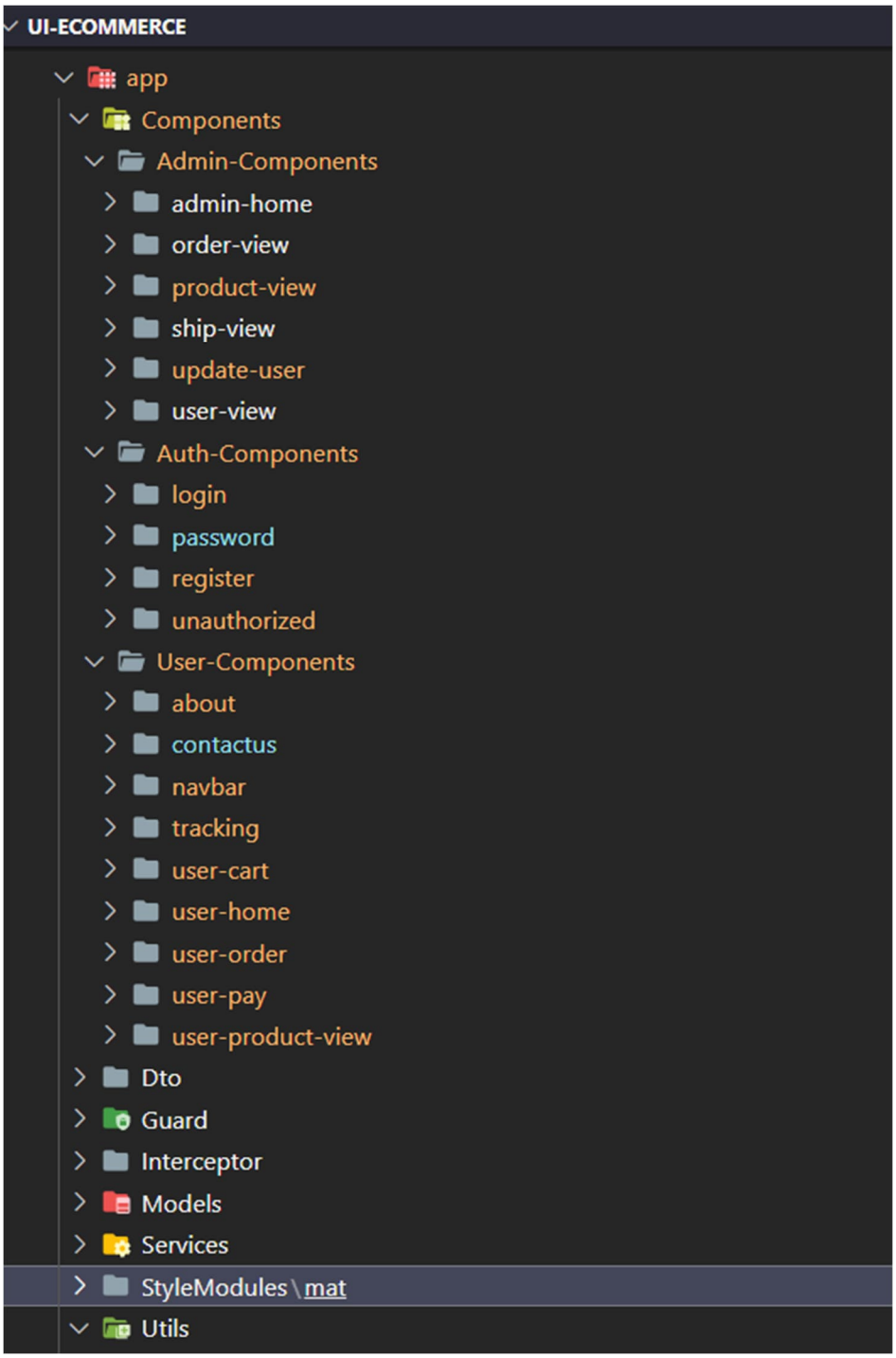
SHIPMENT DETAILS WITH STATUS



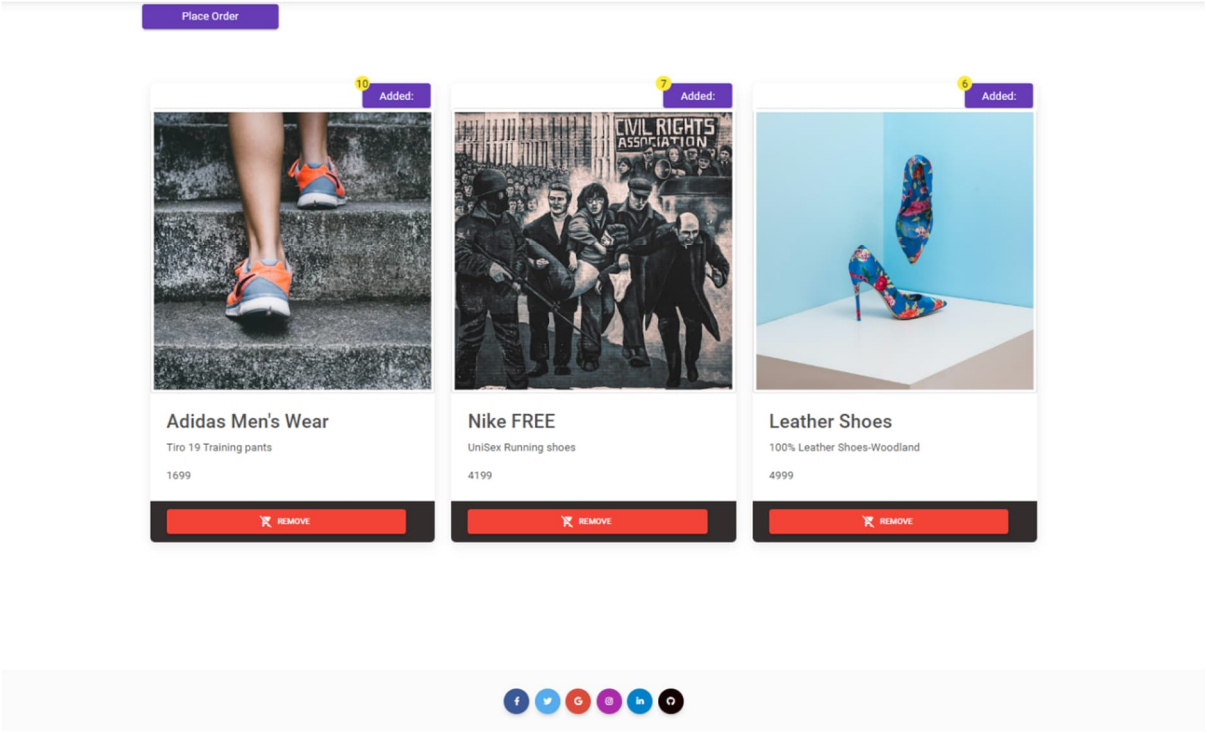
ADMIN CRUD ON USER



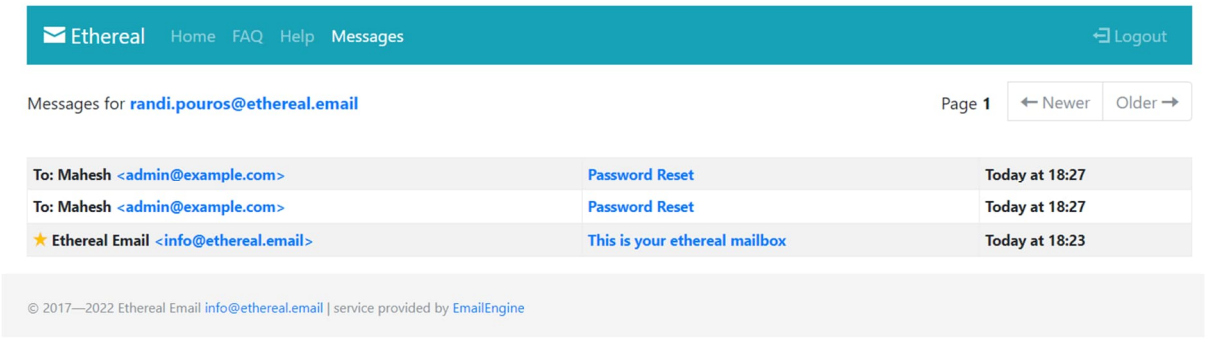
ANGULAR COMPONENTS



USER PLACE ORDER / REMOVE ORDER PAGE



FORGET PASSWORD EMAIL VERIFICATION



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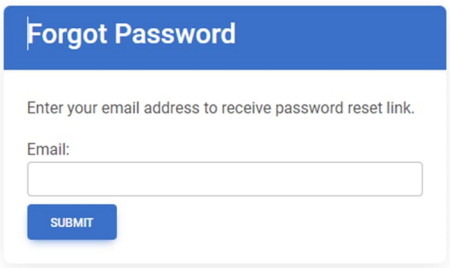
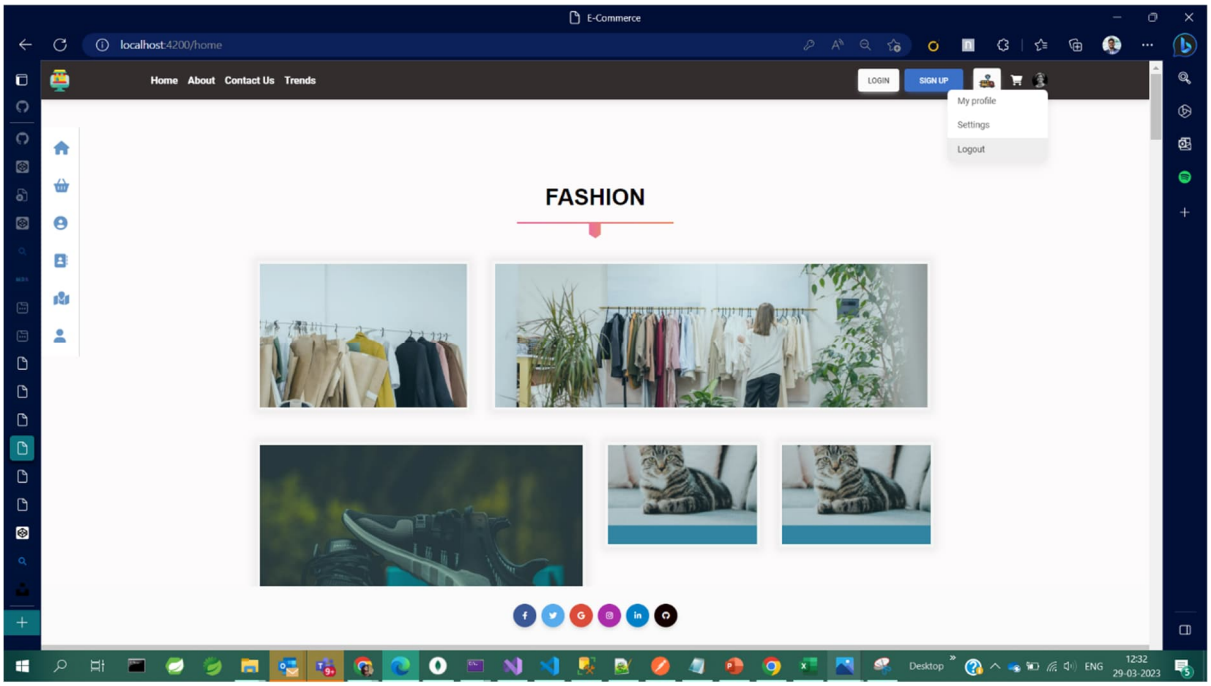
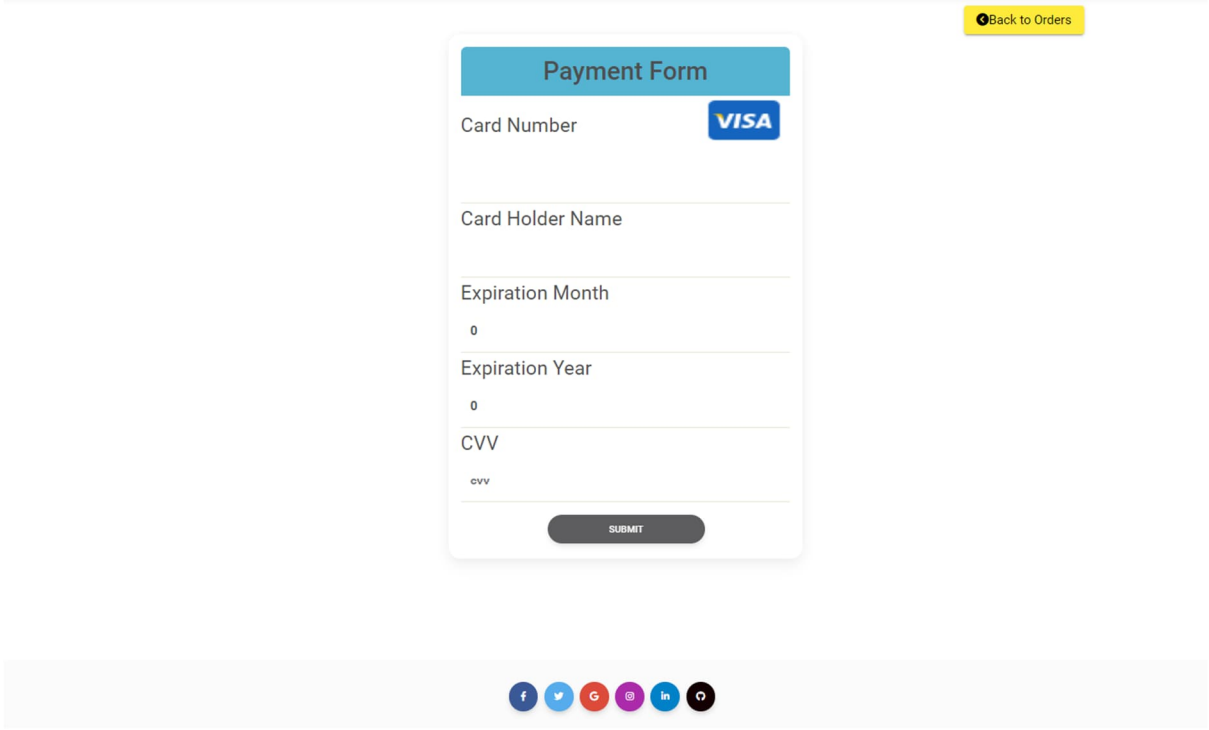


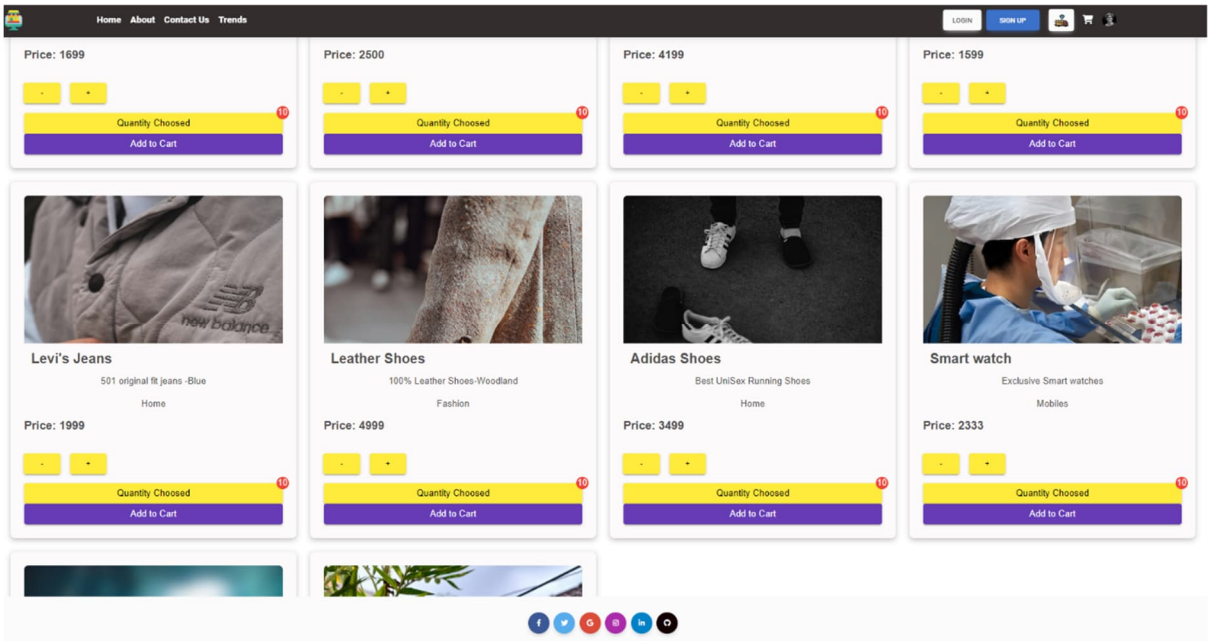
LOGOUT OPTION



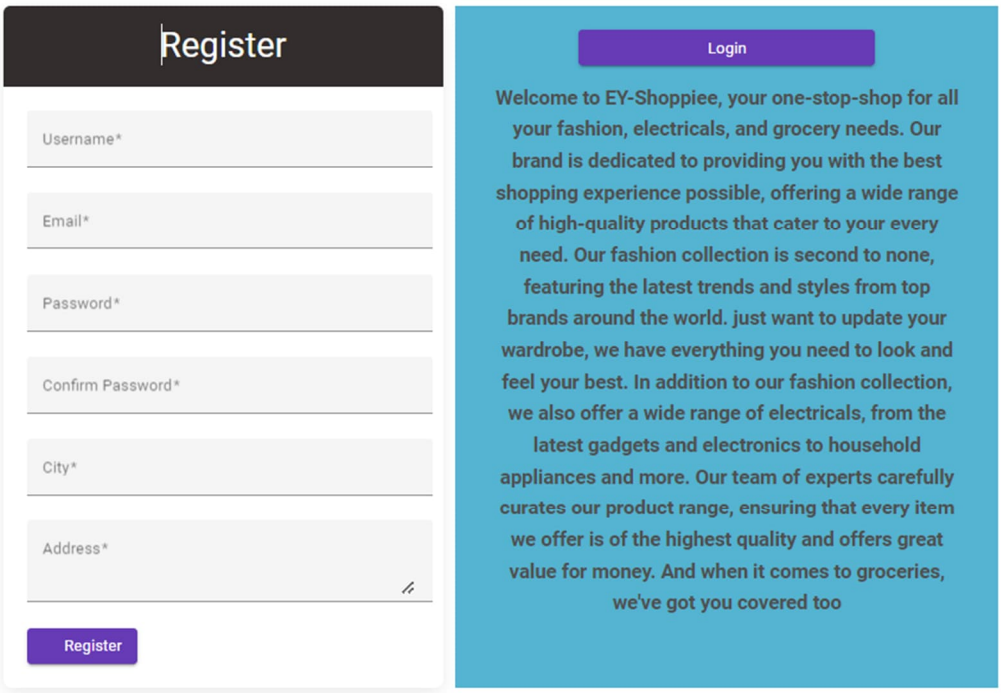
USER PAYMENT FORM



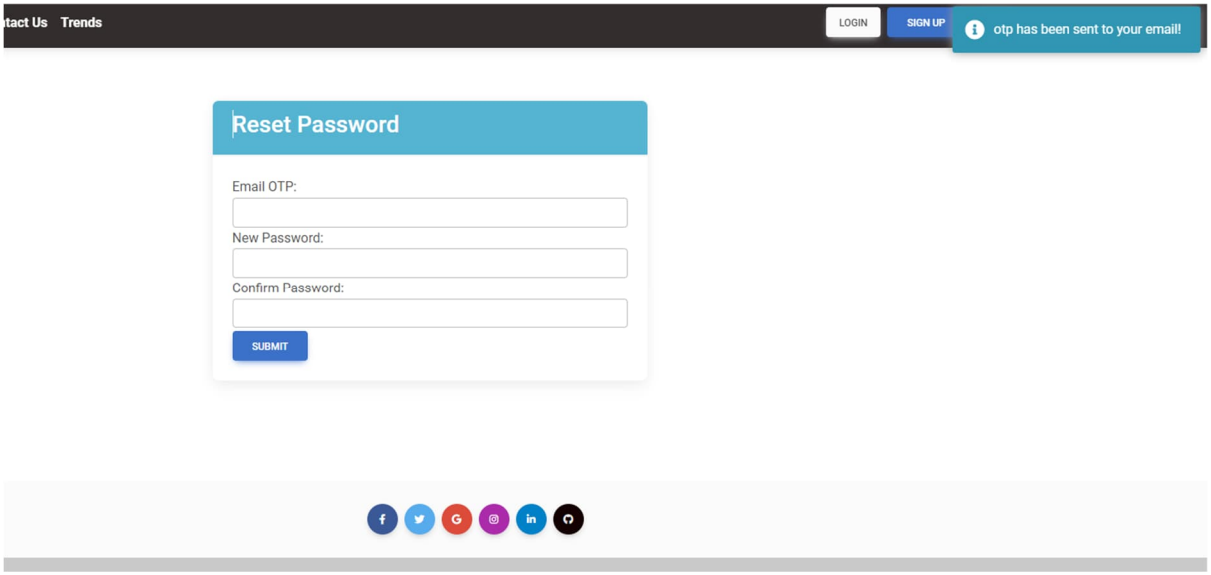
USER ORDER PAGE FOR ADD TO CART



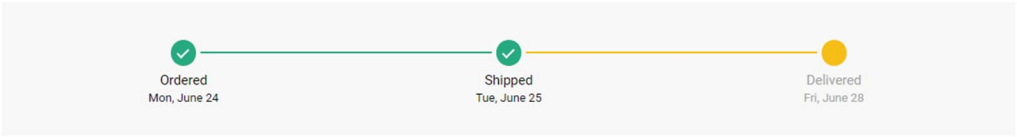
NEW USER REGISTER PAGE



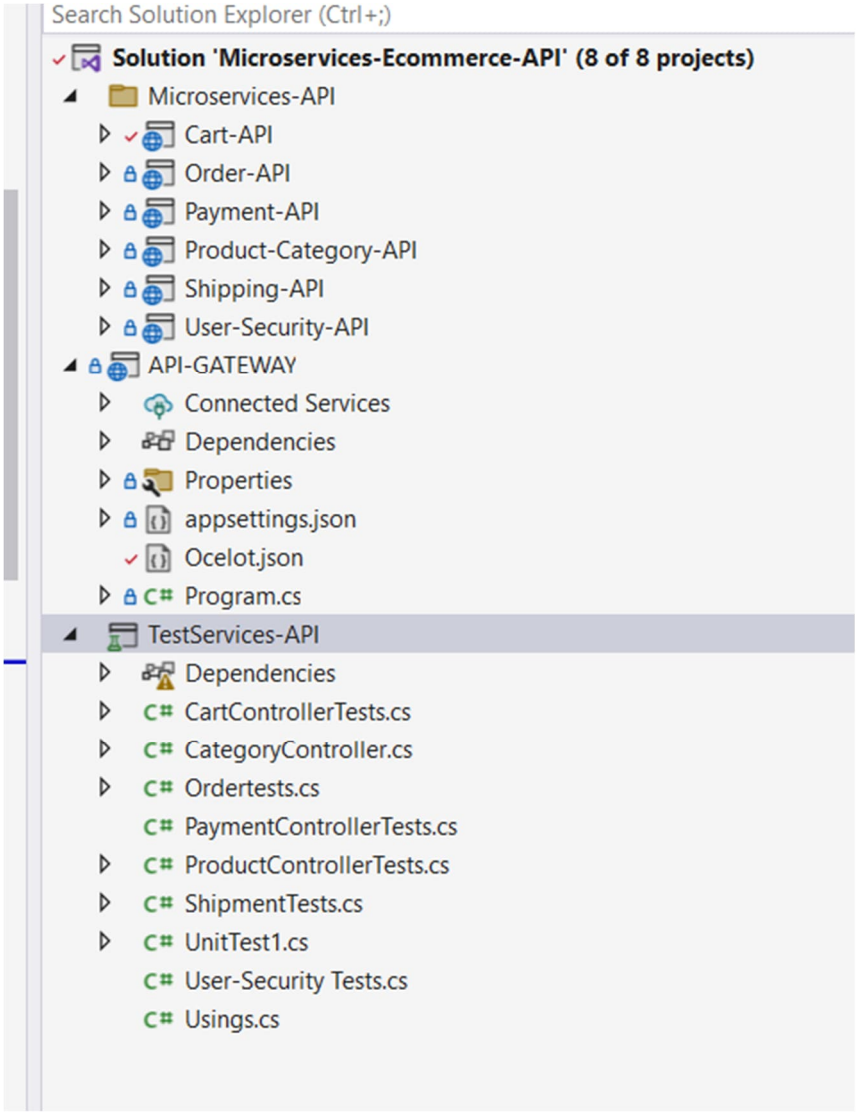
USER RESET PASSWORD PAGE

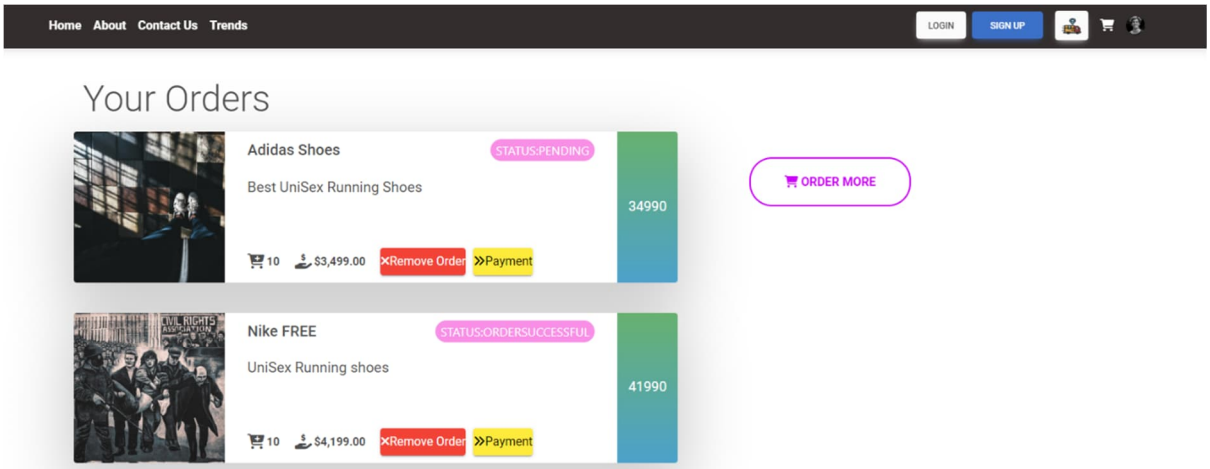


SHIPPING STATUS PAGE



MICROSERVICE IMPLEMENTATION

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Your Orders
Adidas Shoes
STATUS:PENDING
Best UniSex Running Shoes
34990
10
$3,499.00
Remove Order
Payment
ORDER MORE
Nike FREE
STATUS:ORDERSUCCESSFUL
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Remove Order
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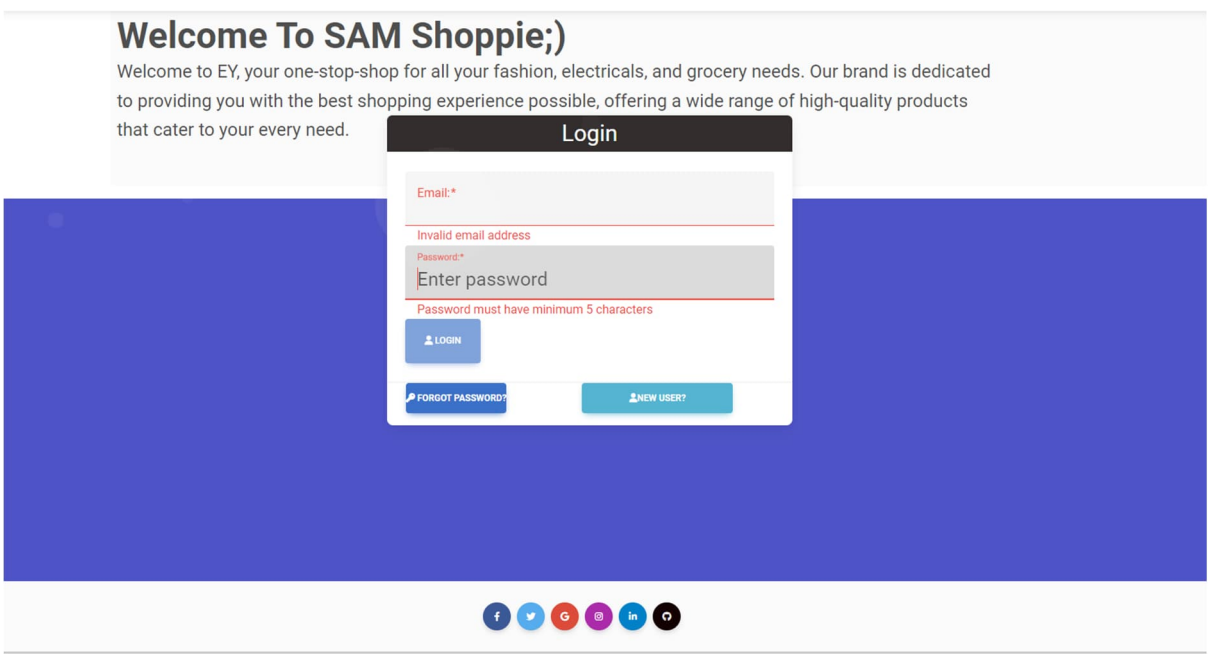
VALIDATION


Welcome To SAM Shoppie;)
Welcome to EY, your one-stop-shop for all your fashion, electricals, and grocery needs. Our brand is dedicated to providing you with the best shopping experience possible, offering a wide range of high-quality products that cater to your every need.
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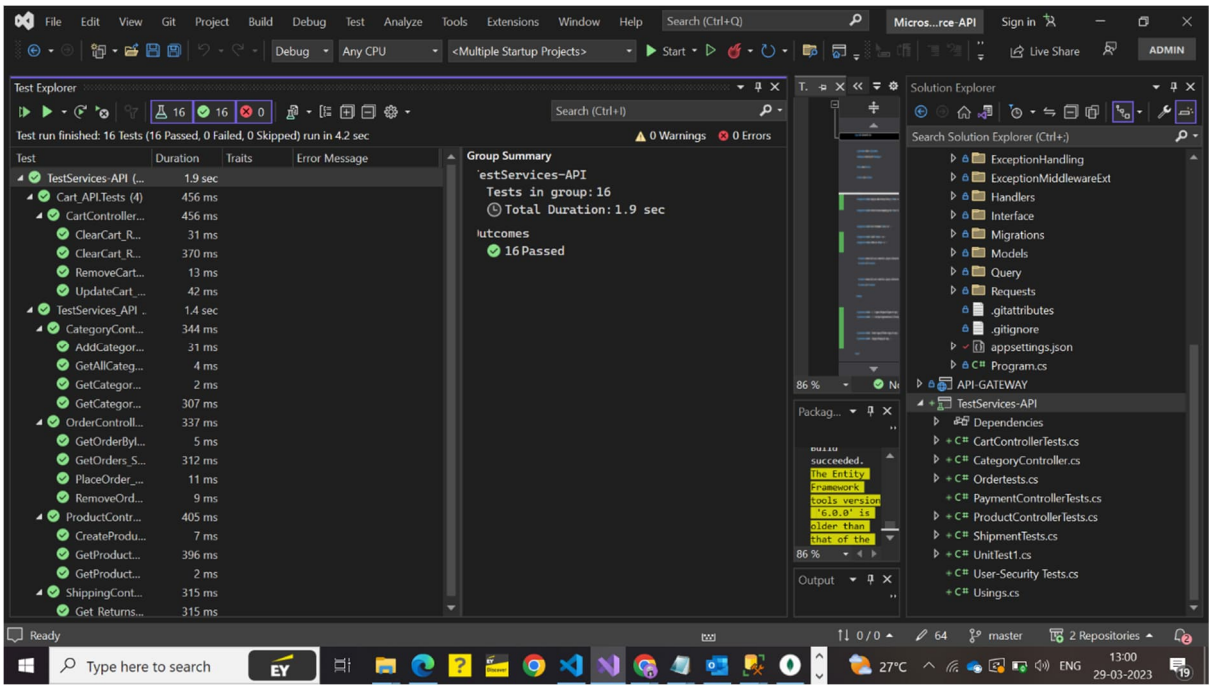
Email:*
Invalid email address
Password:*
Enter password
Password must have minimum 5 characters
LOGIN
FORGOT PASSWORD?
NEW USER?

TEST CASES


Test Explorer
Test run finished: 16 Tests (16 Passed, 0 Failed, 0 Skipped) run in 4.2 sec
Group Summary
Tests in group: 16
Total Duration: 1.9 sec
16 Passed
Solution Explorer
TestServices-API
API-GATEWAY
Ready