**Ecommerce Demo Ppt Outline**

## Slide Deck Outline: E-Commerce Shopping Site Microservices Demo

[Slide Deck Outline: E-Commerce Shopping Site Microservices Demo 1](#_Toc608268095)

[Slide 1: Cover Slide 1](#_Toc685119307)

[Slide 2: Project Overview 1](#_Toc1864676843)

[Slide 3: Architecture Diagram 1](#_Toc204388134)

[Slide 4: Entity Relationship Diagrams (ERD) 1](#_Toc2032633426)

[Slide 5: Process Flow – Product Browsing 2](#_Toc1460619621)

[Slide 6: Process Flow – Add to Cart and Place Order 2](#_Toc1238042123)

[Slide 7: Process Flow – Vendor Evaluation 2](#_Toc1163026930)

[Slide 8: Kafka Topics 2](#_Toc1022102476)

[Slide 9: GitHub Repositories 2](#_Toc2065297927)

[Slide 10: Demo Plan 3](#_Toc157380507)

[Slide 11: Feature Summary Table 3](#_Toc853624487)

[Slide 12: Challenges and Learnings 3](#_Toc1019603015)

[Slide 13: Next Steps / Roadmap 3](#_Toc722060135)

[Slide 14: Thank You 3](#_Toc123679670)

## Slide 1: Cover Slide

* **Title**: E-Commerce Shopping Site – Microservices Architecture
* **Subtitle**: CapstoneProject Demo
* **Team Members**: Gavish, Piyush, Saurabh, Naveen, Prajwal, Bharti, Chagam
* **Date**

## Slide 2: Project Overview

* Objective of the project
* Tech Stack (Spring Boot, Kafka, REST, WSL2, etc.)
* Microservices involved

## Slide 3: Architecture Diagram

* System-level diagram
* Kafka as messaging broker (running on WSL2)
* Services:
  + Catalog Service
  + Ordering Service
  + Vendor Service
* Communication: REST + Kafka topics

## Slide 4: Entity Relationship Diagrams (ERD)

* Key tables for each microservice:
  + Catalog: Product, Category
  + Ordering: Order, Cart, Customer
  + Vendor: Vendor, Evaluation

## Slide 5: Process Flow – Product Browsing

* Sequence of calls from UI → CatalogService → DB
* Optional search, filtering steps

## Slide 6: Process Flow – Add to Cart and Place Order

* Sequence:
  + Add to cart
  + Place order (REST)
  + Kafka event to VendorService

## Slide 7: Process Flow – Vendor Evaluation

* Triggered by order events
* VendorService consumes and stores evaluations

## Slide 8: Kafka Topics

* List of Kafka Topics
* Producers and Consumers
* Example payload structure

## Slide 9: GitHub Repositories

* Links to:
  + catalog-service repo
  + ordering-service repo
  + vendor-service repo
* Each has README, setup, endpoints

## Slide 10: Demo Plan

* Steps to be shown live:
  + Product search and filter
  + Add to cart and place order
  + Email notification simulation
  + Vendor auto-rating

## Slide 11: Feature Summary Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story** | **Microservice** | **Priority** | **Status** | **Assigned** |
| Browse Products | Catalog | High | Done | Gavish |
| Place Order | Ordering | High | Done | Prajwal |
| Vendor Evaluation | Vendor | Medium | WIP | Bharti |

## Slide 12: Challenges and Learnings

* Kafka setup across WSL2 + Windows
* Event-driven flow design
* Coordinating microservices using topics

## Slide 13: Next Steps / Roadmap

* UI Integration
* Security & Auth
* Deployment on Docker / K8s

## Slide 14: Thank You

* Questions?
* Contact info / GitHub links

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