22BCE0476 AMAN CHAUHAN (ZOMATO FOOD DELIEVERY APP (EXISTING PROJECT))



SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

B.Tech, WINTER Semester, 2024-25

Course Code : BCSE301P Deadline : 10.02.2025

Course Name : Software Engineering Lab Max. Marks : 10

Class Id:

VL2024250503167

Faculty-In-Charge: Dr. S. YOGANAND Slot : L3+L4

LAB-DA-2

Create the following diagrams for the existing project, current project and enhanced or future project of your team.

- 1. Context based- DFD (level 0 and level 1)
- 2. Interaction- (use case and sequence)
- 3. Structural- Class and Deployment
- 4. Behavioral- Activity

Ans.

TOPIC- ZOMATO FOOD DELIEVERY APP (EXISTING PROJECT)

1. Context based- DFD (level 0 and level 1)

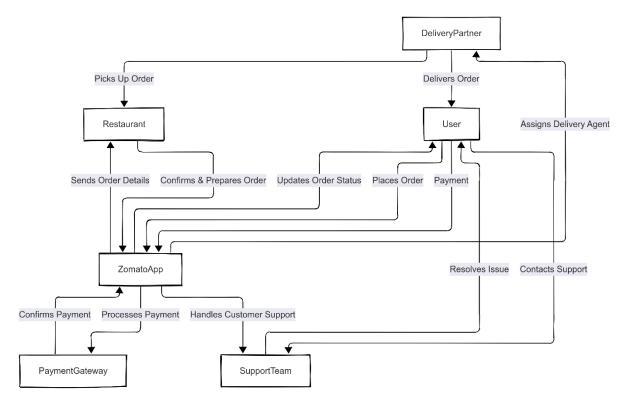
Ans.

Context Based - level0

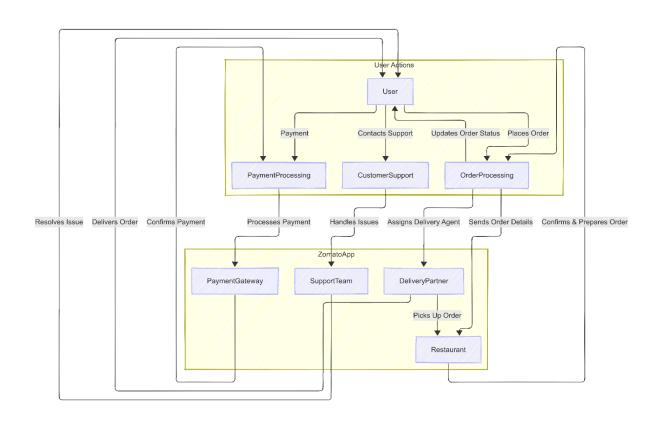
This represents the high-level data flow for Zomato, capturing interactions between the User, ZomatoApp, Restaurant, DeliveryPartner, and PaymentGateway.

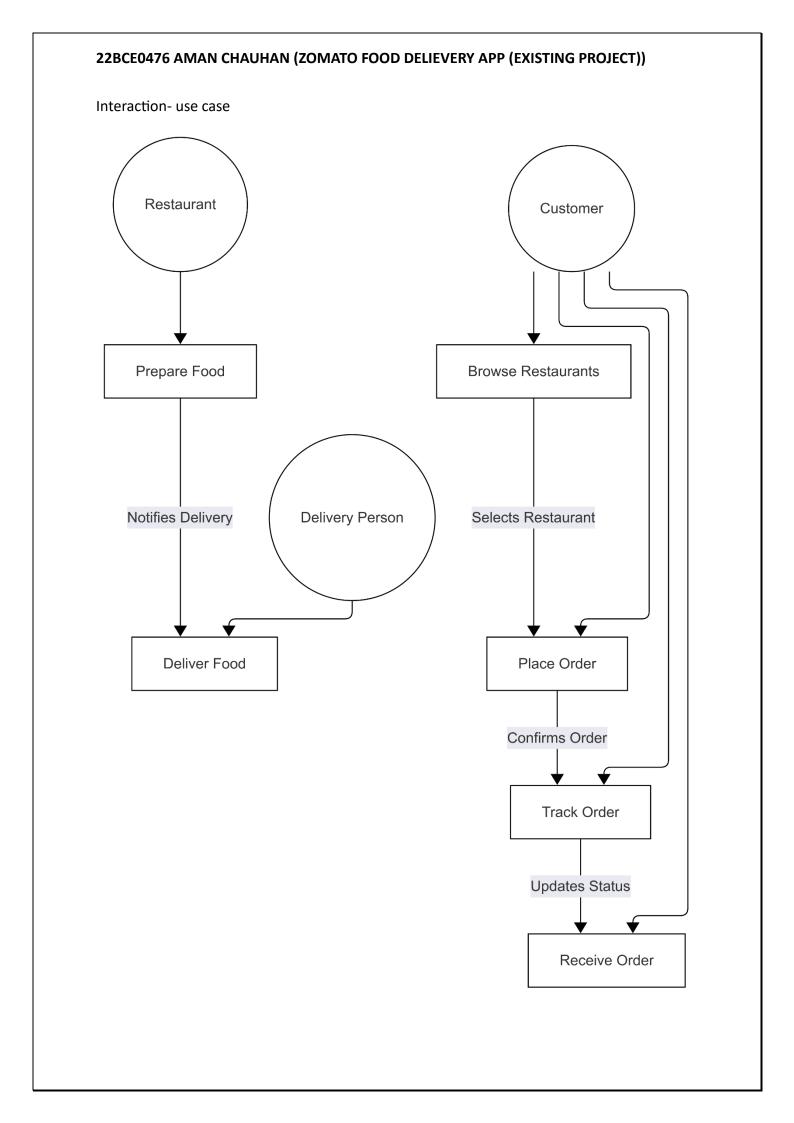
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Context based - level 0

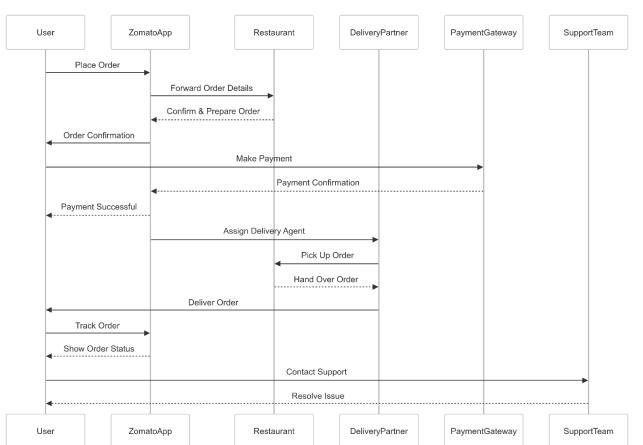


Context based - level 1





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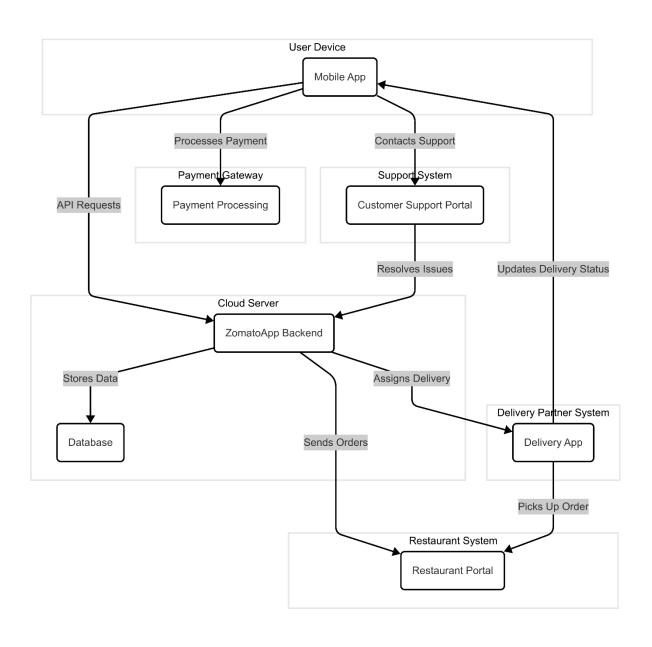


22BCE0476 AMAN CHAUHAN (ZOMATO FOOD DELIEVERY APP (EXISTING PROJECT)) ZomatoApp +processOrder() +assignDeliveryAgent() +updateOrderStatus() Confirms Payment Processes Payment Handles Support Sends Order **PaymentGateway** Restaurant SupportTeam Assigns Delivery +processPayment() +confirmOrder() +confirmPayment() +handlelssues() +prepareOrder() +handOverOrder() Hands Over Order Uses DeliveryPartner Resolves Issues +pickUpOrder() +deliverOrder() Delivers Order User +placeOrder() +makePayment() +trackOrder() +contactSupport()

Structural -class

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Structural-deployment



22BCE0476 AMAN CHAUHAN (ZOMATO FOOD DELIEVERY APP (EXISTING PROJECT)) No results found for search SearchingForCuisine User browses restaurant list NoResultsFound ViewingRestaurantList No restaurants available NoRestaurantsAvailable ApplyRatingFilter User views restaurant menu Dish is available User adds dish to cart ContinueShopping User proceeds to checkoul User confirms order details ConfirmOrder User proceeds to payment User selects payment method User enters a new address ProceedToPayment Payment method is verified Payment fails PaymentFailure User retries payment PaymentFailed Payment is confirmed Cart is empty Order is confirmed User waits for delivery User exits Delivery is on its way EmptyCart