Project Design Phase II

Third Party API

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Project name	Pizza Delivery App

Define a Third Party API:

Third-party APIs play a pivotal role in enhancing the functionality and user experience of a pizza delivery app. These APIs offer valuable services that can significantly improve various aspects of the app. For instance, integrating with a mapping and geolocation API can provide precise location data for accurate delivery tracking and efficient route optimization. Payment gateway APIs ensure secure and seamless online transactions, allowing customers to pay for their orders using a variety of payment methods. Additionally, SMS and email services APIs enable the app to send timely notifications and updates to users, keeping them informed about their orders' progress. Social media sharing APIs can help users spread the word about their favorite pizzas and experiences, potentially boosting the app's user base and engagement. By leveraging these third-party APIs, a pizza delivery app can provide a more comprehensive and feature-rich service, ultimately contributing to user satisfaction and business success.

API Architecture :

Authentication & Authoriazation

Hotel Owners

customers

Delivery Partners

UI

Mobile App

API Gateway

User serivce

Order Service

Payment Service

Inventory/Menu Service

Tracking Service

microservices

Amazon Aurora RDS

Elastic Search

Elasticsearch cluster

KAFKA Queue

Delivery Engine

Notificaiton Service