GROUP 1

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Wiley Edge Final Project

Shopping cart

Full Stack Application

WILEY | EDGE

The Project: Shopping Cart App

- Create a frontend application in Angular with interface for:
  - Catalog
  - Cart
  - Payment

- Create a backend application in JAVA JPA to request http services and execute CRUD actions on the database
  - SQL Database MySQL
  - Spring JPA
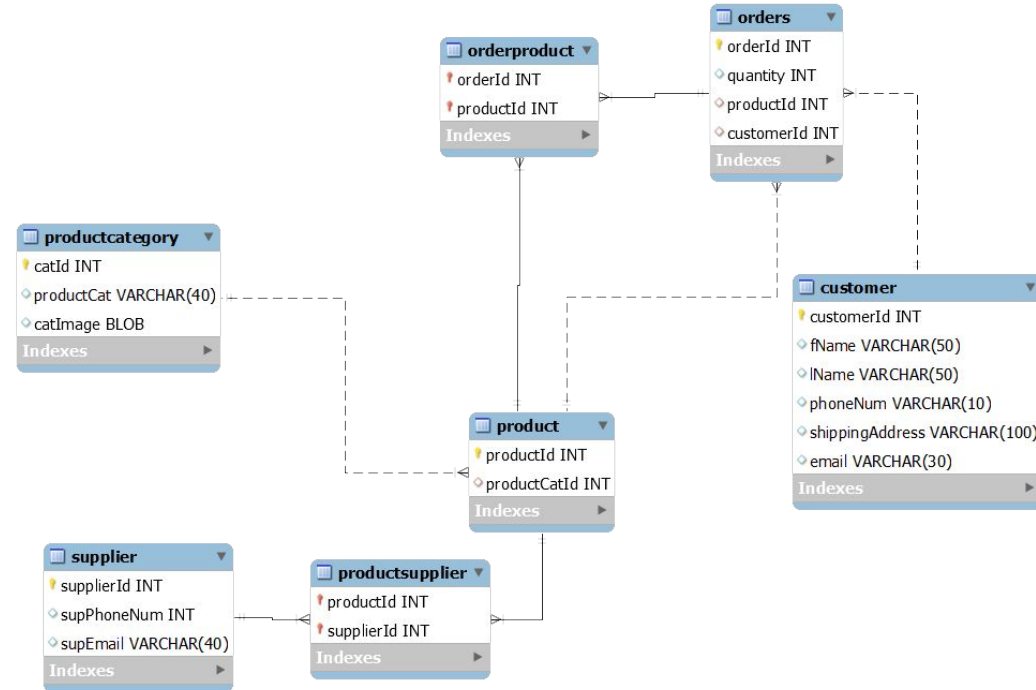 - Stripe API to simulate the payments

DATABASE

Define business logic

Define entities
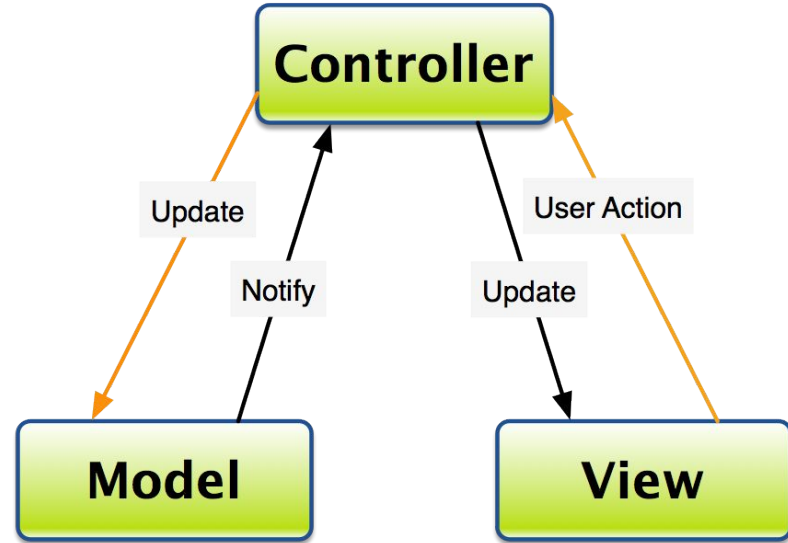
Define relationships

Normalization

DATABASE ERD

JAVA Spring JPA App

MVC Model structure

- Model
- Control
- View

Spring JPA Annotations

JAVA Spring JPA App

CRUD OPERATIONS

@GetMapping

@PostMapping

@PutMapping

@DeleteMapping

JAVA Spring JPA Exceptions handling

TO BE COMPLETED

STRIPE API PAYMENTS

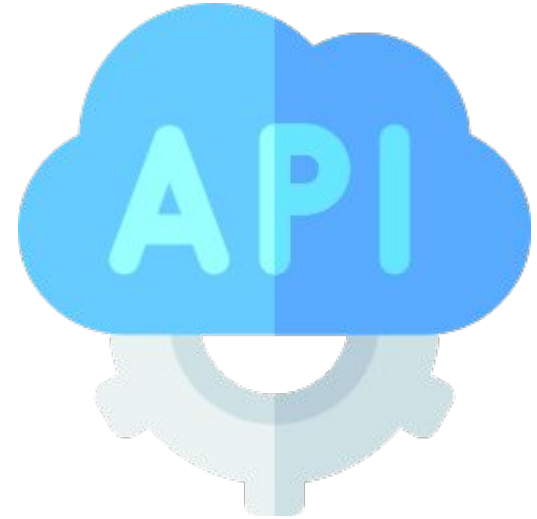Create account

Get all the informations from the user

Validate informations

Send request
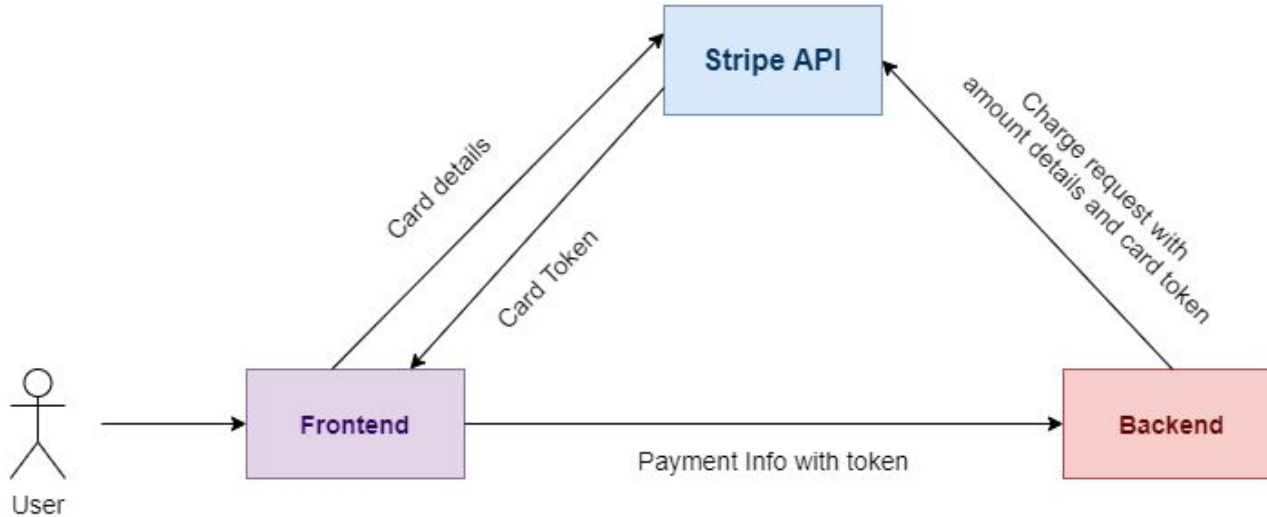
Get confirmation payment

Record transaction

STRIPE API FOR PAYMENTS

https://www.pluralsight.com/guides/how-to-integrate-stripe-with-react

JAVA Unit test with JUnit suite

STATEFUL UNIT TEST

- Service layer
- Controller

FRONTED GUI INTERFACE - Angular

CATALOG

FRONTED GUI INTERFACE - Angular

CART

FRONTED GUI INTERFACE - Angular

PAYMENT

THANKS

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