

Material, Non-Public - Not To Be Distributed Further

SPRING BOOT CASE STUDY

PIZZA APP

Pizza APP

- **MDCPizzas** is a leading pizza corner and want to automate the recording of their daily transactions.
- They decide to use Spring Boot & code a Microservice component where data model of pizza bean should have following variables:
 - pizzaId - Integer
 - pizzaName - String
 - pizzaPrice - Double
 - pizzaType - char
 - useByDate - Date
- App should be accessible with root URL = *http://localhost:8080/MDCPizzaApp/*

Tasks

- A) **Code all the basic CRUD operations(Create, ReadById, UpdateById, DeleteById, GetAll)**
- B) **Write custom Query for finding all Veg Pizza's whose cost is less than 600 Rs.**
- C) **Following validations should be done on data sent by User**
 - 1) Pizza type should be either:
 - a) Veg(V) b) Non Veg(N)
 - 3) Min prize = 500 Max prize = 2000 (upper and lower bound inc.)
- **Notes:**
 - Follow DAO, Service, Entity design pattern.
 - Using Spring-REST and Spring JPA DATA appropriately at required Layer