# Pizza Ordering System

# Problem Statement

## Objective

Development of a commercial Pizza Ordering System which allows the users to view and order pizza.

## Abstract of the project

This project is aimed at developing a Pizza Ordering System. This is a web based application that can be accessed throughout the web. This application consists of two actors.

* Admin
* User

This application enables the admins to add, remove, modify or update pizza and store details in the database. It enables the user to perform CRUD operations (i.e., add, remove, modify, update pizza into the cart). Once the order is confirmed, the user must get a notification prompting that the order has successfully been placed.

## Functional components of the project

Following is a list of functionalities of the system. Wherever, the description of functionality is not adequate; you can make appropriate assumptions and proceed.

1. Admin should be able to
   * Add store/pizza details into the database.
   * Remove store/pizza details into the database.
   * Modify store/pizza details into the database.
   * Update store/pizza details into the database.
2. User should be able to
   * Add pizza to the cart.
   * Remove pizza to the cart.
   * Modify pizza to the cart.
   * Update pizza to the cart.

**Suggested Stack:**

1. **JAVA Track:**

* Java 8
* Angular 6+
* Maven
* Spring Boot 2.x
* SpringREST
* Spring Data JPA
* Postman
* Oracle/Postgres
* JUnit 5/Mockito
* Sonarqube
* JACOCO

1. **.NET Track**

* C#
* Asp.net
* EntityFramework
* Angular 6+
* MSBuild, MSTest/NUnit,
* SQL/MySQL/Oracle/Postgres