Aineopintojen harjoitustyö: Tietokantasovellus

Pizzapalvelu

Atte Keltanen

Introduction
Use cases

Introduction

The goal of this project is to offer a pizza ordering service which will be secure, convenient, and easy for the customer to use. There will be support for kebabs and drinks as well.

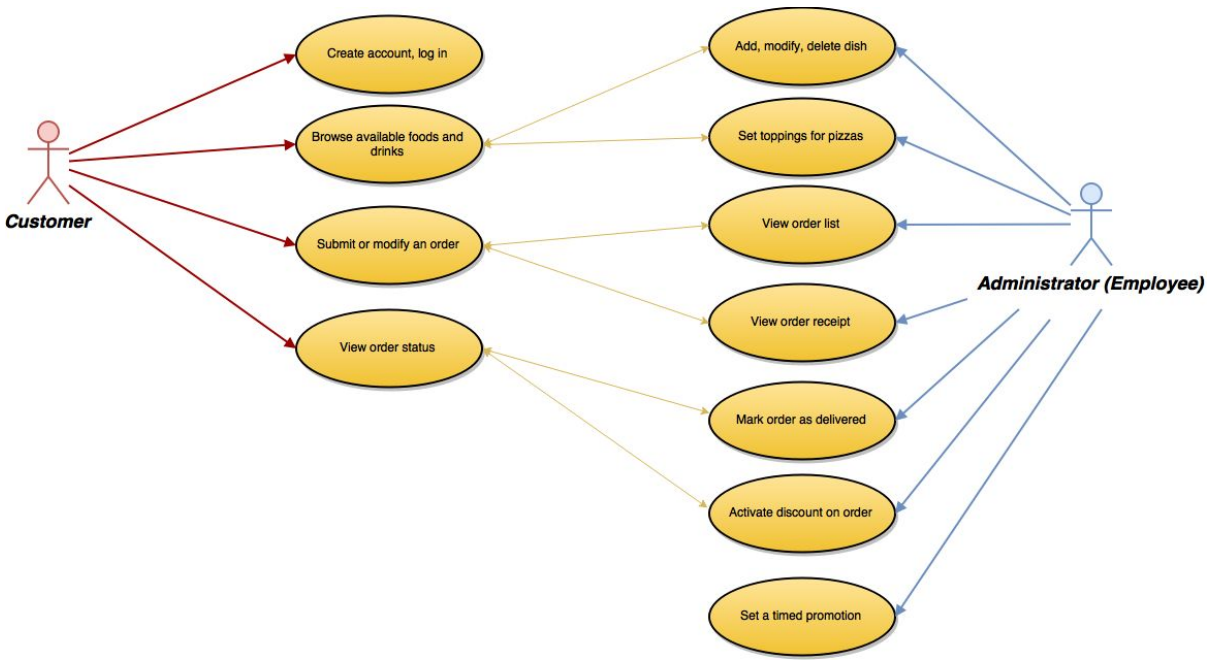
The project will be done in English to target a wider audience.

The back end will run on Python with Flask. The front end will very likely use React. PostgreSQL has been selected as the database of choice.

Heroku is supported out of the box and will be used to host the development version.

Use cases

User types:
- Customer: A customer who wants to order food.
- Administrator (employee): An administrator who will fulfill orders. In this case an employee.



Customer:
- Account creation and logging in: The customer can create an account and log in with it.
- Browsing available pizzas, kebabs, and drinks: The customer can view the available offerings.
- Submitting and modifying an order: The customer can create an order with selected products and modify it if it hasn't been fulfilled yet.
- Viewing order status: The customer can see the status of their order.

Administrator:
- Adding, modifying, and deleting a dish: The administrator can add stuff for the user to order.
- Adding and setting toppings for pizzas: The administrator can tweak their pizzas.
- Viewing a list of active orders: The administrator can view what orders need to be fulfilled.
- Viewing an order receipt: The administrator can view the details of an order.
- Marking orders as delivered: The administrator can confirm orders as fulfilled.
- Activating discounts on orders: The administrator can add a discount on orders that were delivered late.
- Setting a timed promotion: The administrator can set a lunch offer on selected dishes.