
Project Specifications

Weightage: 50% of the subject

Project #1 – Pizzeria Ordering System

Introduction

You have been contracted by Temasek Pizzas to develop a Java application* which helps customers to order pizzas and drinks using online menu. It also helps staff to manage the orders.

After a discussion with the owner of Temasek Pizzas, you received the following information about the desired functions of the system:

1a. Basic Features: Allow customer to login to:

- a. Place the order of pizzas and drinks
- b. Edit and delete the orders entered
- c. Confirm/save the order into the data storage (vector)

1b. Basic Features: Allow staff to login to:

- a. Create items which contain pizzas and drinks with corresponding prices
- b. Edit and delete ordered items (pizzas and drinks) in the menu
- c. Confirm/save the created items and their details in the data storage (vector)

2. Integration of above modules 1a and 1b: Allow staff to login to:

- a. View the order summary
- b. View the details (number of pizzas, drinks etc.) of each order
- c. Calculate the total sales (\$)
- d. Keep track of the items in the inventory

3. Bonus Features

- a. Include images for a menu.
- b. Allow prices of menu items to be uploaded from a text file.
- c. Add a special promotion such as “Two for the price of One”, that provides two items at the price of an item.
- d. You are not limited to the above features for scoring bonus marks.

* Adhere to MVC design model.