

BONAPPETIT CAKE ORDERING PLATFORM

Group F (Section B)

Introduction

Efficient and organized management is vital for the success of any bake shop. This proposal introduces the development of a C++ program for a bake shop. The objective of this project is to create a comprehensive program that facilitates user and customer interactions with a variety of cake and cupcake options, encompassing diverse flavors, prices, and sizes. The program, characterized by a user-friendly menu-driven interface, enables users to seamlessly access and utilize two distinctive roles: customer and admin.

USER ROLES

1. CUSTOMER:

As a customer, individuals are presented with an array of bakery items, including cakes, cupcakes, croissants, and more. Users can easily select items to add to their cart, where they can specify cake sizes to place their order. Subsequently, customers are prompted to enter personal details, comprising their name, email address, phone number, delivery address, and preferred payment method. The program offers an opportunity to avail any available discounts. Upon providing this information, customers are presented with a comprehensive order summary, including the total bill. Users have the option to review and edit their order. Once satisfied, the program will confirm the order.

2. ADMIN:

Administrators gain access to the program's administrative interface by entering their authorized username and password. Within this secure environment, administrators encounter the same menu of bakery items accessible to customers. Admins hold the authority to execute various operations, including adding, removing, or altering the prices of items. Moreover, they can introduce or eliminate discounts available to customers. Upon completing these changes, the program will ensure that the updated information is integrated into the system. This role is pivotal in maintaining the bake shop's offerings and pricing strategy.

