Object-Oriented Programming

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Workshop No. 1 — Object-Oriented Design

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1 Project Definition

1.1 Project Name

Prestige Eventos & Recepciones

1.2 Description

This project is an event reservation system where you can choose the day, theme, type of food and everything related to a big event.

1.3 Main Features

- Choose event theme

- Choose type of food and drinks

- Reserve place, date and number of guests

- User registration

2 Requirements

2.1 Functional Requirements

- User registration and authentication: Customers can create an account and log in to manage their reservations.

- Date calendar: The user can check availability on an interactive calendar.

- Event booking: The client selects the date, type of party, number of guests, and additional services.

- Modify: The user must be able to cancel or modify their reservation within two weeks.

- Support: The user should be able to communicate with us in the way that best suits them.

2.2 Non-Functional Requirements

- Simplicity: Simple, clear, and attractive interface for all types of users.

- Performance: Pages should load in less than 5 seconds.

- Scalability: Must be able to support multiple users and simultaneous reservations.

- Security: Protection of personal and payment data.

3 User Stories

- As a client, I want to be able to choose the best party for my needs.

- As a client, I want to be able to see the available dates on a calendar and find the one that suits me the best.

- As a customer, I want to be able to change or cancel my reservation.

- As a customer, I would like to be able to create an account to facilitate bookings.

- As a customer, I want to be able to contact the organizers in the easiest way possible.

4 CRC Cards

5 Mockups