

Event Planner Website Documentation

Introduction

The Event Planner Website provides a digital platform for the company A.S.H. Events to assist clients with event planning. It allows customers to book venues, catering, and multimedia services, and enables employees to manage records and process orders efficiently. The system aims to digitalize event planning operations and enhance service efficiency.

Event Planner Website Documentation

Existing System Limitations

Traditional event planning requires physical visits and manual management of records, which can be time-consuming and prone to errors. The Event Planner Website eliminates these inefficiencies by providing an easy-to-use digital interface.

Event Planner Website Documentation

Project Goals and Objectives

The goal of this project is to streamline event planning and enhance the user experience for both customers and employees. Objectives include:

- Digitalizing event management processes.
- Enabling easy booking and customization of event services.
- Providing a centralized platform for managing vendors, orders, and customer requests.

Event Planner Website Documentation

Scope

The Event Planner Website manages details related to events, organizers, attendees, and payments. It offers admin access for overseeing all information, while customers can view their specific details and bookings. The system aims to automate business processes and ensure a user-friendly experience.

Event Planner Website Documentation

System Architecture

The architecture includes modules for Admin, Customer, and Employee functionalities, interacting with a MySQL database for managing data. Modules are designed to handle user authentication, event bookings, order processing, and reporting.

Event Planner Website Documentation

Technology Stack

Hardware Requirements:

- Processor: Intel Core i7
- RAM: 4GB+

Software Requirements:

- Frontend: HTML, CSS, JavaScript
- Backend: Java
- Database: MySQL

Operating System: Windows 10

Event Planner Website Documentation

Diagrams

The system includes UML diagrams to represent functionality:

- Use Case Diagrams for Admin, Customer, and Order
- ER Diagram detailing database structure
- Class, Activity, and Sequence Diagrams

Event Planner Website Documentation

Database Design

Key Tables:

- Admin: Manages admin credentials
- Customer: Stores customer details
- Order: Tracks orders
- Payment: Manages payment records

These tables are structured with primary and foreign keys to ensure data integrity.

Event Planner Website Documentation

Features and Functionalities

Admin Features:

- Full access to system management

Employee Features:

- Manage orders and customer details

Customer Features:

- Book events, customize services, and track orders

Event Planner Website Documentation

Installation and Setup Instructions

1. Install MySQL and configure the EventPlannerDB.sql database.
2. Compile and run the Java files in an IDE like Eclipse.
3. Set database connection credentials in the configuration file.
4. Run the application and access it via the configured local server.

Event Planner Website Documentation

Screenshots

Screenshots include Home Page, Customer Dashboard, and Admin Panel views.

Event Planner Website Documentation

Testing and Validation

Testing involves unit and integration tests for key functionalities. Sample test cases ensure that booking, order processing, and payment functionalities work as expected.

Event Planner Website Documentation

Conclusion and Future Enhancements

The Event Planner Website successfully digitalizes the event planning process. Future improvements may include a mobile app version and expanded service options.

Event Planner Website Documentation

Appendix

Additional resources:

- Data dictionary for each table
- References
- Acknowledgments