PROJECT SYNOPSIS

ON

“**TO DEVELOP WEB APPLICATION**

**FOR**

**EVENT BASED SERVICE BOOKING SYSTEM**

**(Event Management)”**

Submitted in partial fulfillment of the requirements for the award of the

**Master’s Degree**

**in**

**Computer Application**

**Submitted By**

Sangeeta Devi

Falgun Mahajan

Under the Guidance

Of

**Prof. Lalit Sen Sharma**

**DEPARTMENT OF COMPUTER SCIENCE & IT,**

**UNIVERSITY OF JAMMU**

**TABLE OF CONTENTS**

**S.NO. PARTICULARS PAGE NO.**

**1 Introduction of Project 3**

1. Introduction
2. Problem Statement
3. Solution

**2 Main Modules 4**

1. Customer Module
2. Service Provider Module
3. Admin Module

**3 System Requirements Used 5**

1. Hardware and Software
2. Tools and Technologies

**4 ER Diagrams 6-8**

1. ER Diagram for Customer 6
2. ER Diagram for Service Provider 7
3. ER Diagram for Admin 8

**Introduction of Event Management**

* 1. **Introduction To Project**

In a world where events hold immense significance in both personal and professional realms, the process of planning and booking services can often be overwhelming.

Event Management is a comprehensive platform aims to bridge this gap by offering a streamlined ecosystem that connects customers seeking event services with reliable and skilled service providers.

For customers, we provide a one-stop destination to discover and book, a wide range of services related to events like weddings, college farewells, birthdays, and conference meetings.

On the other side, service providers have the opportunity to showcase their offerings to a diverse customer base. Through our platform, providers can efficiently add their services and view customer booking.

* 1. **Problem Statement**

In today's fast-paced world, organizing events such as weddings, college farewells, birthdays, and conference meetings can be a complex task.

The current event management industry lacks a comprehensive and centralized platform that provides all the services related to various types of events, including weddings, college farewells, birthdays, and conference meetings.

Organizing such events often involves multiple service providers, from venue booking and catering to decoration and entertainment, leading to a fragmented and cumbersome process for event planners and hosts.

Additionally, the absence of a unified platform makes it challenging for customers to find reliable and suitable service providers efficiently

* 1. **Solution**

To address these shortcomings, we propose the development of a one-stop event management system that will act as a centralized platform where customers can explore a wide range of services required for events, including venue options, catering services, photographers, decorators, entertainment providers, and more.

**Main Modules**

1. **Customer Module**

* Register
* Login
* **Select Services**:
* Catering
* Venues
* Photography
* Decorations
* Mehndi artists and many more
* View service provider list of the selected service.
* Select filters to view services according their requirements.
* Book services.
* Make payment

1. **Service Module**

* Register
* Login
* **Select Services to add:**
* Catering
* Venues
* Photography
* Decorations
* Mehndi artists and many more.
* Select their service parameters.
* View customer list who booked their services.
* View their services lists.

1. **Admin Module**

* Login
* Add services
* Add parameters and their options.
* View Customer Bookings and Service Providers list

**System Requirements Used**

1. **Hardware and Software Used**

**Hardware Used:**

* Intel Core I5 Processor
* 512 GB SSD
* 8 GB RAM

**Software Used:**

* Windows 10 & Windows 11

**Tools and Technologies Used**

**Tool Used:**

* Visual Studio Code

**Front End Languages Used**

* HTML(HBS)
* CSS
* JavaScript
* Bootstrap

**Back End Languages Used**

* Node JS (Express JS)

**Database Used**

* Mongo DB

**ER DIAGRAMS**

**ER diagram for Customer**

Customer

Registration

Register

Login

Select Services

Book Services

Make Payment

**ER diagram for Service Provider**

Service Provider

Registration

Register

Login

Select Services

Select Parameters for Services

**ER diagram for Admin**

Admin

Login

Add Parameters

Add Services

Add Options

Service Provider

View

Customer Bookings