Event Scheduling App

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INTRODUCTION

Create an event scheduling app to be used by a venue or function room for people to view the availability of the venue and book the venue.

OBJECTIVES

- To create a user-friendly web application for people to view the venues' availability and book the venue.
- An admin page for the venue to update and delete bookings if necessary.

PROJECT DESCRIPTION

This app would facilitate viewing the venues' availability and booking the venue and reduce the need to check with staff for availability or initial booking. It would also provide the ability to handle multiple requests at one time.

TECHNOLOGIES AND TOOLS

- Languages: C# for backend development, HTML/CSS/JavaScript for frontend
- Frameworks: ASP.NET Core MVC for web development
- Database: MySQL for data storage
- Tools: Visual Studio, Git for version control

FEATURES

- Availability view: Quickly allow anyone to see when the venue is already booked, but not all the details of the booking.
- Scheduling: An easy-to-use interface for reserving an available time slot.
- Admin page: A page for the venue staff to update and delete bookings.

IMPLEMENTATION PLAN

- Agile development as time permits for sprints
- MySQL Database
- Create models and controllers first using minimal views to test features
- Implement further HTMS/CSS at the end for a clean look

TESTING PLAN

- Unit testing for backend logic
- Test all CRUD Functions individually as developed

DEPLOYMENT

Localhost for development and testing. If necessary, possibly deploy to Azure App Service for further hosting.

EXPECTED OUTCOME

Successfully creating an ASP.Net web application implementing all CRUD operations.

CONCLUSION

The event scheduling app will address a venue's scheduling operations and provide an opportunity to put everything learned together into one demonstration.