Event Booking System UI

A responsive user interface for booking events with an interactive calendar and booking form.

Project Overview

This Event Booking System UI allows users to:

- Browse an interactive calendar to select available dates
- Complete a booking form with real-time validation
- View upcoming events
- Receive booking confirmations

The system features a clean, modern design that works across all device sizes (mobile, tablet, and desktop).

Features

Calendar Integration

- Interactive calendar for date selection
- Visual indicators for available and booked dates
- Month navigation with smooth transitions
- Current date highlighting

Booking Form

- User-friendly form with proper validation
- Fields for name, email, phone, event type, and attendees
- Real-time validation feedback
- Form submission with confirmation

Event Listing

- Display of upcoming events with date, time, and location
- "Book Now" buttons for quick access to booking form
- Visual cards with hover effects

Interactive Elements

- Modal dialogs for booking summary and confirmation

- Smooth animations and transitions

- Form validation with instant feedback

Responsive Design

- Fully responsive layout that adapts to different screen sizes

- Mobile-friendly navigation and form elements

- Optimized calendar view for small screens

Technologies Used

- **HTML5**: Semantic markup for structure

- **CSS3**: Modern styling with flexbox and grid

- **JavaScript**: Vanilla JS for interactivity and validation

- **Font Awesome**: Icon library for improved UI

- **Responsive Design**: Media queries for device adaptation

Installation and Setup

1. Clone the repository:

```
git clone https://github.com/yourusername/event-booking-system.git
```

2. Navigate to the project directory:

```
cd event-booking-system
```

3. Open the project in your preferred code editor.

4. You can run the project locally by opening the `index.html` file in your web browser.

Project Structure

```
event-booking-system/
├── index.html          # Main HTML file
├── styles.css          # CSS styling
├── script.js           # JavaScript functionality
└── README.md           # Project documentation
```

Usage Instructions

1. **Calendar Navigation**:
   - Use the arrow buttons to navigate between months
   - Click on an available date to select it for booking

2. **Booking Form**:
   - Fill in all required fields marked with an asterisk (*)
   - Form validation will provide feedback for any errors
   - Click "View Summary" to review your booking details
   - Click "Submit Booking" to complete the reservation

3. **Upcoming Events**:
   - Browse the event cards in the Upcoming Events section
   - Click "Book Now" on an event card to pre-select that date

Customization

The system can be customized by modifying:

- The `bookedDates` and `availableDates` arrays in `script.js` to reflect your actual availability
- The color scheme by changing CSS variables in the `:root` section of `styles.css`
- The form fields in `index.html` to collect different information as needed

Browser Compatibility

The Event Booking System has been tested and works on:

- Chrome (latest)
- Firefox (latest)
- Safari (latest)
- Edge (latest)

Deployment

The system can be deployed to:

GitHub Pages

1. Push your code to a GitHub repository
2. Go to repository settings
3. Navigate to Pages section

4. Select your main branch as the source

5. Save to deploy

Netlify

1. Create an account on Netlify

2. Connect your GitHub repository

3. Select the repository and branch

4. Deploy with default settings

Future Enhancements

Potential improvements for future versions:

- Integration with a backend for real data storage

- User authentication system

- Email notifications for bookings

- Payment processing integration

- Admin panel for managing bookings

License

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Author

[Your Name]

Acknowledgments

- Font Awesome for icons

- Inspiration from various booking systems