

EPIC

Event planning and management is a crucial aspect of the communication, media, and entertainment domain. The success of any event, whether it is a wedding, party, or corporate event, depends on the efficient management of all the related tasks. In this context, a MERN STACK technology-based web application called Eventempire can be developed to offer a comprehensive platform for organizing and managing events.

Eventempire will be a professional-grade web application that will offer a wide range of tools for organizing weddings, parties, and corporate events. The application will provide end-to-end solutions, from invitations to budget tracking, to ensure that every aspect of the event is well-organized and managed.

The primary goal of Eventempire will be to simplify the event planning and management process for users. The application will offer an intuitive user interface that will allow users to easily navigate through the various features and functionalities. Users will be able to create and manage events, invite guests, track RSVPs, and manage budgets, all from a single platform.

The application will offer a range of features to help users organize and manage events. For instance, users will be able to create customized invitations and send them to guests via email or social media. The application will also offer tools for managing guest lists, tracking RSVPs, and sending reminders to guests.

Budget tracking will be another key feature of Eventempire. The application will allow users to set budgets for their events and track expenses in real-time. Users will be able to add expenses, such as venue rental, catering, and decorations, and track them against the budget. The application will also provide alerts when the budget is getting close to being exceeded.

Eventempire will also offer a range of tools for managing vendors and suppliers. Users will be able to search for vendors based on their location, availability, and pricing. The application will also allow users to communicate with vendors and suppliers, track their progress, and make payments.

Security will be a top priority for Eventempire. The application will be built using the latest security protocols and will offer features such as two-factor authentication and encryption to ensure that user data is protected.

In conclusion, Eventempire will be a comprehensive event planning and management platform that will offer a range of tools for organizing weddings, parties, and corporate events. The application will be built using MERN STACK technology and will be of professional complexity. With its intuitive user interface, budget tracking, vendor management, and security features, Eventempire will simplify the event planning and management process for users.



OVERALL REQUIREMENTS

The web app shown in the reference video only shows the minimum requirements for the application. Aspects like web accessibility which leads to a better user experience, better error handling etc. should also be implemented. Your implementation of the Eventempire web app should be an improvisation of it.

1. Use GIT for code integration and management. At-least one git push per trainee, per day is required.
2. Use Material design components wherever necessary.

3. Add appropriate validations wherever necessary. For example, you should be validating that the trip start date is not before today.
4. Appropriate error messages should be provided for any such validations done above.
5. The Error or Success messages should be populated based on the requirement and it should be appropriate.
6. There should not be any spelling or grammatical mistakes.
7. The website should have a uniform color theme.
8. Refer to the styles.css file for styling your web app.
9. Make web accessibility a part of your design and development. The reference video does not implement this.

PRODUCT BACKLOG

User Story - 1

Description	Story Points
As a user, I should be able to create an event by providing event details such as name, date, time, location, and type.	5

Priority / MoSCoW parameters :

Must Have :

1. Create an event with name, date, time, location, and type

Should Have :

1. Edit or delete an event

Should Have :

1. Add event description and images

Won't Have :

Acceptance Criteria :

Dos / Positive points :

1. User should be able to create an event with all required details
2. User should be able to edit an event
3. User should be able to delete an event

Don'ts / Negative points :

1. User should not be able to create an event without providing required details
2. User should not be able to edit or delete events created by other users

User Story - 2

Description	Story Points
As a user, I should be able to invite guests to an event by providing their email addresses.	3

Priority / MoSCoW parameters :

Must Have :

1. Invite guests to an event by providing their email addresses

Should Have :

1. View guest list and their RSVP status

Should Have :

1. Send reminders to guests who have not RSVP'd

Won't Have :

Acceptance Criteria :

Dos / Positive points :

1. User should be able to invite guests by providing their email addresses
2. User should be able to view guest list and their RSVP status
3. User should be able to send reminders to guests who have not RSVP'd

Don'ts / Negative points :

1. User should not be able to invite guests without providing email addresses
2. User should not be able to view or modify guest lists for events created by other users

User Story - 3

Description	Story Points
As a user, I should be able to create customized invitations and send them to guests via email or social media.	5

Priority / MoSCoW parameters :

Must Have :

1. Create customized invitations

Should Have :

1. Send invitations to guests via email or social media

Should Have :

1. Track invitations sent and responses received

Won't Have :

Acceptance Criteria :

Dos / Positive points :

1. User should be able to create customized invitations
2. User should be able to send invitations to guests via email or social media
3. User should be able to track invitations sent and responses received

Don'ts / Negative points :

1. User should not be able to send invitations without providing required details
2. User should not be able to modify or delete invitations sent to guests

User Story - 4

Description	Story Points
As a user, I should be able to set budgets for events and track expenses in real-time.	8

Priority / MoSCoW parameters :

Must Have :

1. Set budgets for events
2. Track expenses in real-time

Should Have :

1. Add expenses such as venue rental, catering, and decorations

Should Have :

1. Get alerts when the budget is getting close to being exceeded

Won't Have :

Acceptance Criteria :

Dos / Positive points :

1. User should be able to set budgets for events
2. User should be able to track expenses in real-time
3. User should be able to add expenses such as venue rental, catering, and decorations
4. User should receive alerts when the budget is getting close to being exceeded

Don'ts / Negative points :

1. User should not be able to set budgets without providing required details
2. User should not be able to modify or delete budgets or expenses added by other users

User Story - 5

Description	Story Points
As a user, I should be able to search for vendors based on their location, availability, and pricing.	8

Priority / MoSCoW parameters :

Must Have :

1. Search for vendors based on location, availability, and pricing

Should Have :

1. View vendor details such as services offered and reviews

Should Have :

1. Contact vendors and make payments

Won't Have :

Acceptance Criteria :

Dos / Positive points :

1. User should be able to search for vendors based on location, availability, and pricing
2. User should be able to view vendor details such as services offered and reviews
3. User should be able to contact vendors and make payments

Don'ts / Negative points :

1. User should not be able to search for vendors without providing required details
2. User should not be able to view or modify vendor details or reviews for vendors added by other users

User Story - 6

Description	Story Points
As a user, I should be able to communicate with vendors and suppliers, track their progress, and make payments.	8

Priority / MoSCoW parameters :

Must Have :

1. Communicate with vendors and suppliers
2. Track vendor progress
3. Make payments

Should Have :

1. View payment history

Should Have :

1. Get alerts when payments are due

Won't Have :

Acceptance Criteria :

Dos / Positive points :

1. User should be able to communicate with vendors and suppliers
2. User should be able to track vendor progress
3. User should be able to make payments
4. User should be able to view payment history
5. User should receive alerts when payments are due

Don'ts / Negative points :

1. User should not be able to communicate with vendors or suppliers added by other users
2. User should not be able to modify or delete vendor progress or payment history added by other users

User Story - 7

Description	Story Points
As a user, I should be able to access the application securely from any device.	3

Priority / MoSCoW parameters :

Must Have :

1. Secure login and authentication
2. Responsiveness

Should Have :

1. Two-factor authentication

Should Have :

1. Password reset functionality

Won't Have :

Acceptance Criteria :

Dos / Positive points :

1. User should be able to securely login and authenticate
2. User should be able to reset password

Don'ts / Negative points :

1. User should not be able to access other users' data
2. User should not be able to bypass login or authentication processes