Table of Contents

[1.2 Introduction 3](#_Toc159250505)

[1.3 Aim Of The Project 4](#_Toc159250506)

[1.4 Objectives: 4](#_Toc159250507)

[1.5 Research Questions 5](#_Toc159250508)

[1.6 Required Resources: 5](#_Toc159250509)

[1.7 Related Work 5](#_Toc159250510)

[1.8 Project Plan 7](#_Toc159250511)

[1.9 Gantt Chart 8](#_Toc159250512)

[1.10 References 9](#_Toc159250513)

# Introduction

Today events are not same as they used to be as today everyone want their event to be memorable and beautiful but at the same time they want to make it cost effective with little efforts but as known event planning is very complicated and hectic process that included coordination between many persons at the same time like organizers , vendors ,decorators ,musicians and many more , the goal of event planning is that all the logistical aspects come together with coordination, resulting in successful and memorable event , traditional event planning methods are not so efficient because of inefficiency ,lack of clear communication, and lots of tasks which have to manage at the same time these challenges above needs a innovative solution and efficient approach that can enhance the coordination and communication and can increase efficiency .

To validate the effectiveness of Event Epic, the application will be tested through case studies of real events. Feedback from event organizers, vendors, and attendees will be collected and analyzed to measure the influence of application scheduled event planning efficiency success. This assessment determination provide visions into the assets and extents for development of application, ensuring that it meets the needs of all stakeholders involved.

Technology today has transformed many industries by providing tools that provide better communication and coordination, task management and overall efficiency. in event management field digital solutions has a possibilities to revolutionize how events are organized and executed. there are already many event planning applications but they still lack in proper integration and communication which result in disintegrated process and continued challenges for event planners. This thesis proposes the development of “eventEpic” a comprehensive event planning application designed to remove all challenges by proper collaboration between organizers, vendors and attendees . eventepic aims to provide important features like real-time communication, task management, vendor coordination and attendee engagement in single user-friendly platform. by doing so, the application will prevent common pain points in event planning such as miscommunications, missed deadlines, logistical inefficiencies. The main goal is to provide solution that enhances the overall event planning experience and increases the likelihood of successful event execution. Now comes to the main point which is the main feature it is going to add in our application which ensure to make the event more and more cost effective it will do by comparing and analyzing rates of different vendors, decorators, card printers and many more

Event planning involves various tasks that need to be completed within specific time. Managing these tasks manually can lead to missed deadlines. EventEpic will ensure a robust task management system that allows organizers to assign tasks, set deadlines, track progress, and send reminders. This system will help safeguard the all responsibilities are accomplished on while and that everybody complicated is conscious of their tasks.

These development EventEpic represents a significant advancement in the field of event planning. By adding important features into a single platform, the application aims to speech common challenges confronted by occasion planners enhance the overall efficiency and success of events. This project will explore the development, implementation, and evaluation of EventEpic, contributing valuable insights and practical solutions to the event planning industry. With EventEpic, the future of event planning looks more organized, efficient, and successful, paving the way for smoother and more memorable events.

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# Aim of The Project

Developing a comprehensive online event planning application that integrates communication, task management, vendor coordination, and attendee engagement features. The application is designed to address common challenges in event planning and improve the overall efficiency and success of events. The finish drive of this scheme is made an accessible stage nearby through the MERN stack. The stage will consume gears like progress tracking system, real time notification system , choosing vendors with best price and reviews and many more which provides individuals with trustworthy, easily accessible, and personalized event management tools, hope to make events management process from being hectic and irritated to stress free cost-effective and easy . The overall objective of this project is to support people to make their events memorable and enjoyable by providing an interesting and user-friendly experience.

# Objectives

1. Create a beautiful interface that is easy to navigate for event organizers, vendors, and attendees.
2. Implement functionalities that automate and simplify various aspects of event planning.
3. Creation the web-based organization receptive for all expedient like mobile, tablet laptop etc.
4. Ease Incessant Development done the User Response Devices.
5. Shape running tools for professionally handling operators, specialists, physical, and queries to keep the stage running easily.

# Research Questions

1. How can digital solutions improve communication and collaboration in event planning?
2. What are the important features required in an event planning application to enhance efficiency?
3. How does application compare the rates and choose best service out of it
4. What are the challenges and limitations of implementing such an application in real-world scenarios?

# Required Resources:

**• Software Requirements:**

* ReactJS for frontend development
* Mongo DB for database
* Express.js for backend request outline
* Node.js for the server-side runtime atmosphere

**• Hardware Requirements:**

* Memory: 8 GB or more
* There needs to be at least 100 GB of free room on the hard drive.
* The operating system is Windows.
* CPU: Intel-based central processing unit

# Related Work

The event planning industry has a variety of tools designed to enhance individual aspects of event management, but these often fails in combining more than one task at same time because it required for seamless coordination among organizers, vendors, and attendees. For example, Eventbrite is well-known for its ticketing and registration capabilities, offering great platform for managing attendee data. However, it does not fully address the more complex needs of event planning. Cvent offers strong solutions for event marketing and logistics management, but it does not offers features that allows real-time collaboration among stakeholders. Similarly, Bizzabo is known for its powerful event success analytics, providing valuable post-event insights, yet it does not properly support real-time coordination and communication during the event planning process.( https://www.eventbrite.com/l/event-management-software/),( https://www.cvent.com/in),( <https://www.bizzabo.com/>)

A software project that fulfills the functions of an event manager is called an online event management system. Only logged-in users are permitted to log in, and new users are permitted to register on the application.It was suggested that this be a web application. The project offers the majority of the fundamental features needed for an event type, such as a birthday party, dance show, marriage, etc. The user may then choose the location, date, and time of the event, as well as the equipment needed for it. Each and every piece of information is entered into the database, and the user receives a booking receipt number. After that, the data is sent to the website owner, or administrator, who may subsequently communicate with the customer as needed.

.( https://www.researchgate.net/publication/372787450\_Event\_Management\_System)

Bottom of Form

Users of the Event Management Solution web application for EINS Consultancy may control announcements, events, and website content. Create, delete, update, and view are all included in management. The ability to oversee website content, announcements, and events is shared by the Administrator and System Manager. Viewing the audit trail and managing user accounts are exclusive to the System Manager. The generated events and uploaded announcements can be seen by the end user. Moreover, an end-user might utilize an electronic form to sign up for events that are offered. The platform that manages registration and event administration is called EINS event management system. The system can generate reports from the centralized data repository with ease thanks to the aforementioned characteristics. As a result, there are less or more erroneous reports from the present procedures that EINS Consultancy uses. In order to construct the application, the researcher employed a software development approach called prototyping. A variety of tests, including alpha, beta, and user acceptance tests, were carried out to evaluate the software's acceptability.

Available at – (https://www.researchgate.net/publication/323822519\_Event\_Management\_Solution\_Using\_Web\_Application\_Platform)

# Project Plan

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Task** | **Start Date** | **End Date** |
| **1** | Proposed Proposal | **14-06-2024** | **27-06-2024** |
| **2** | Introduction | **28-06-2024** | **20-07-2024** |
| **3** | Review of Literature | **21-07-2024** | **10-08-2024** |
| **4** | Methodology | **11-08-2024** | **30-08-2024** |
| **5** | Results and Discussion | **01-09-2024** | **25-09-2024** |
| **6** | Testing | **26-09-2024** | **15-10-2024** |
| **7** | Conclusion and Future Work | **16-10-2024** | **30-10-2024** |
| **8** | Final Dissertation | **01-11-2024** | **10-11-2024** |

# Gantt Chart

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Task** | **14-06-24** | **17-06-24** | **19-06-24** | **21-06-24** | **23-06-24** | **25-06-24** | **27-06-24** |
| Introduction |  |  |  |  |  |  |  |
| Project Aim |  |  |  |  |  |  |  |
| Project Objectives |  |  |  |  |  |  |  |
| Research Questions |  |  |  |  |  |  |  |
| Required Resources |  |  |  |  |  |  |  |
| Related Work |  |  |  |  |  |  |  |
| Final Proposal |  |  |  |  |  |  |  |

# References

Introduction:

International Journal of Computer Science Trends and Technology (IJCST) – Volume 4 Issue 2, Mar - Apr 2016 available at - https://d1wqtxts1xzle7.cloudfront.net/44816573/IJCST-V4I2P29-libre.pdf?1460891988=&response-content-disposition=inline%3B+filename%3DIJCST\_V4I2P29\_Assist\_prof\_Khalil\_Pinjar.pdf&Expires=1718443849&Signature=K-wPiiVEiwy74nNgofw5QGrYd8usdi4HdkvqYN4a~Azgk8nPFtMGoakZMF-rAtcYqTvxTd~WG9gDcJRrESdjuuC2YPqh3FTxL4zyAuzNMo3XdemPcIgyhM9ucRgZm31IR4Awgg50UKeaOGzeaPFh4iY0odgtBKm4A3Nr20G59IwDZxdSBc4QPPCBaCRlkSGP66jGi20-ZgXwFQOVR8BWXxi5DkjL7vTvJDqyZPdC-vSPKLf7L0wKzHB94UdvrfrZaDSxGEhOnweu4C6XarDItDzgFwXS0JtuL0v8xtNQdEg5lYqm2kYJSM2Vnt-OLhd88bSqxUmL14EC8bzKT8pA5Q\_\_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA

A STUDY AND IMPLEMENTATION OF EVENT MANAGEMENT SYSTEM USING SMARTPHONE

Available at - <https://www.ijirmps.org/special-issues/1/18.pdf>

Study on Event Management Applications Volume 2, Issue 4, April– 2017 available at - https://ijisrt.com/wp-content/uploads/2017/04/Study-on-Event-Management-Applications.pdf