

GUJARAT TECHNOLOGICAL UNIVERSITY



Gyanmanjari Institute of Technology, Bhavnagar

A
Project
Report On

DE Sheet Generator

Under subject of
DESIGN ENGINEERING – IIA
B. E. 3rd, Semester – 5th
(Information Technology)

Submitted by:

Sr. No.	Name of student	Enrollment
1	Rajvi Chauhan	221290116015
2	Dharmi Chauhan	221290116013

Prof. Vishakha B. Savani
Faculty Guide

Prof. Dhaval Chandarana
Head of the Department

Academic year
2024-2025

**GYANMANJARI INSTITUTE OF TECHNOLOGY
BHAVNAGAR**



DEPARTMENT OF I.T. ENGINEERING

CERTIFICATE

This is to certify that the basic process and framework has been satisfactorily carried out by

1. RAJVI CHAUHAN - 221290116015

Under my guidance in the fulfillment of the course of DE-IIA during the academic year 2020-2021.

Date of submission: _____

Faculty In-Charge

Internal Examiner

**GYANMANJARI INSTITUTE OF TECHNOLOGY
BHAVNAGAR**



DEPARTMENT OF I.T. ENGINEERING

CERTIFICATE

This is to certify that the basic process and framework has been satisfactorily carried out by

2. DHARMI CHAUHAN- 221290116013

Under my guidance in the fulfillment of the course of DE-IIA during the academic year 2021-2022.

Date of submission: _____

Faculty In-Charge

Internal Examiner

ACKNOWLEDGEMENT

We wish to express our sincere gratitude to our project guide Prof. Vishakha B. Savani , and all the faculty members for helping us through our project by giving us the necessary suggestions and advices along with their valuable co-ordination in completing this work.

We also thank our parents, friends and all the members of the family for their precious support and encouragement which they had provided in completion of our work. In addition to that, we would also like to mention the college personals who gave us the permission to use and experience the valuable resources required for the project from the college premises.

Thus, In conclusion to the above said, we once again thank the faculties and members of GYANMANJARI INSTITUTE OF TECHNOLOGY for their valuable support in completion of the project.

ABSTRACT

The project focuses on creating an integrated Event Management System to enhance the efficiency of organizing events. It addresses challenges like coordination, resource allocation, and communication among stakeholders through a user-friendly interface that enables real-time tracking and performance analysis. By reducing operational inefficiencies, the system aims to improve the overall experience for both organizers and attendees, contributing to the success of events.

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1. Introduction

Domain Name:- Event Manager

We are **Engineers**

Our group is of two members

Rajvi Chauhan Studying IT Engineering at GMIT, Bhavnagar

Dharmi Chauhan Studying IT Engineering at GMIT, Bhavnagar

Guided by: Prof. Vishakha Savani

Problem Statements:

The project aims to address the challenges of event management, which include inefficient coordination, miscommunication, and high costs due to reliance on manual processes and disparate tools. By designing a comprehensive event management system, the project seeks to streamline planning, enhance collaboration, and provide real-time tracking of events, ultimately improving resource management and analyzing event performance for greater overall effectiveness and success.

Solution:

The solution for the Event Management project involves creating a comprehensive software platform that integrates all aspects of event planning and execution. This system will feature tools for scheduling, resource allocation, budget tracking, and real-time communication among stakeholders. By providing a centralized dashboard, users can efficiently manage tasks, monitor progress, and analyze event performance. The platform aims to streamline workflows, enhance collaboration, and ultimately improve the success rate of events while providing a better experience for both organizers and attendees.

2. Design Engineering Methodology

2.1 AEIOU Summary Canvas

Activity:

- Contact from
- Event calender
- Event planning
- Booking system
- Case studies
- Recommends
- Client portal
- reviews

Environment:

- Event destination
- Dashboards
- Calender and list view
- Management office
- Mobile capabilities

Interaction:

- Messaging
- Notifications
- Social media integration

Object:

- Event templates
- Attendance list
- reports

User:

- organizer
- attendees
- admins

AEIOU Summary Canvas

AEIOU Summary :		Group ID : 670081	Date : 4/9/21	Version : 1.0
		Domain Name : Event Managen		
Environment : Event Organization mobile Capabilities Dashboards Calendar and List Views Management office	Interactions : Messaging Notification Social Media Integration	Objects : Event Template Attendance List Reports		
Activities : Contact forms Event Calendar Event Planning Booking System		Users : Organizers Attendees Admins		

Fig. 1 AEIOU Canvas

2.2 Mind Mapping Canvas

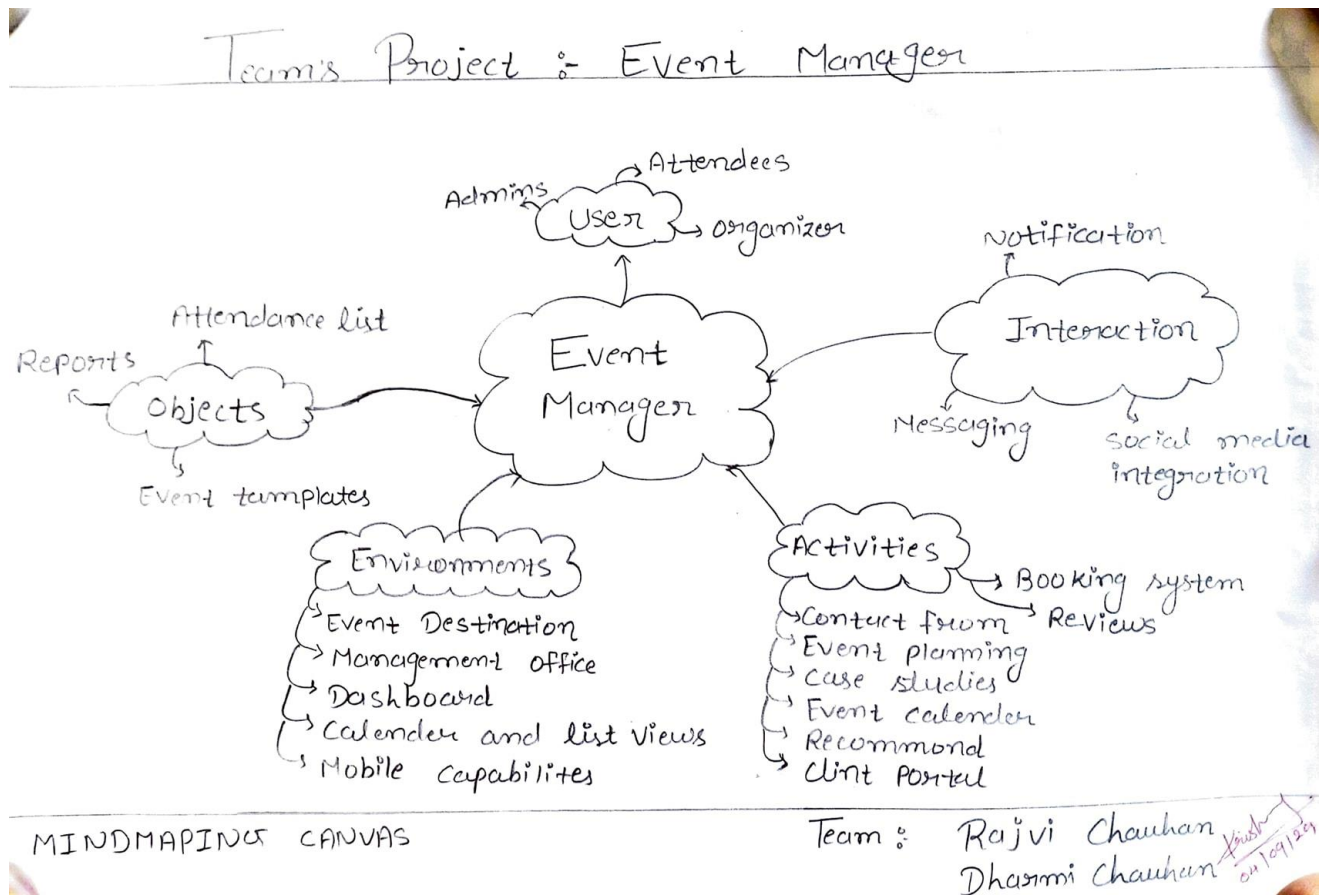


Fig. 2 Mind Mapping Canvas

2.3 Empathy Canvas

1.1 Empathy Canvas

User:

- Venue Manager
- Client
- Administrator
- Technical support staff
- volunteers
- Vendors

Stakeholder:

- Developers
- Photographers
- Vendors
- Catering
- Choreographer
- Decorator

Activity:

- Registration of client
- Guest list
- Booking
- Interaction between clients
- Selection of venue
- Seprate budget allocation
- Review system

Empathy Canvas

Design For Event Management	Design By Rasvi, Dhanvi
Date 14/10/2024	Version 1.0

USER <div style="display: flex; flex-wrap: wrap; justify-content: space-around; margin-top: 10px;"> <div style="background-color: yellow; padding: 2px 5px; margin: 2px;">Venue Manager</div> <div style="background-color: orange; padding: 2px 5px; margin: 2px;">Technical Support Staff</div> <div style="background-color: pink; padding: 2px 5px; margin: 2px;">Client</div> <div style="background-color: yellow; padding: 2px 5px; margin: 2px;">Volunteers</div> <div style="background-color: green; padding: 2px 5px; margin: 2px;">Administration</div> <div style="background-color: green; padding: 2px 5px; margin: 2px;">Vendors</div> </div>	STAKE HOLDERS <div style="display: flex; flex-wrap: wrap; justify-content: space-around; margin-top: 10px;"> <div style="background-color: orange; padding: 2px 5px; margin: 2px;">Developers</div> <div style="background-color: orange; padding: 2px 5px; margin: 2px;">Catering</div> <div style="background-color: pink; padding: 2px 5px; margin: 2px;">Photographers</div> <div style="background-color: pink; padding: 2px 5px; margin: 2px;">Choreographers</div> <div style="background-color: green; padding: 2px 5px; margin: 2px;">Vendors</div> <div style="background-color: green; padding: 2px 5px; margin: 2px;">Decorators</div> </div>
--	--

ACTIVITIES

Registration of client

Interaction between clients

Selection of Venue

Guest List

Separate Budget Allocation

Bookings

Review System

STORY BOARDING

HAPPY

For the wedding of sarva, she wanted to send E-card Invitation to her guests. And she finds that option available in our website.

HAPPY

For the wedding of zoya, she wanted to keep specific table for her V.I.P guest. And she finds that option is available in our website.

SAD

For the wedding of sarva, she wanted to send E-card invitations to her guests. But, didn't find that option in wedding card.

SAD

Zoya wanted to keep specific table for her V.I.P guests in her wedding. But, wedding card didn't provide that service.

1.2 Ideation Canvas

People:

- vendors
- administrator
- venue manager
- clients
- shipping person
- photographer

Activity:

- registration and clients
- review and booking
- guest list
- seprate budget allocation
- selection and venue
- interaction between clients and vendors

Situation/Context/Location:

- birthday
- fairwell
- conference
- concert
- wedding

Props/Possible Solution:

- customization
- cost saving
- centralized data
- efficiency
- save

Ideation Canvas

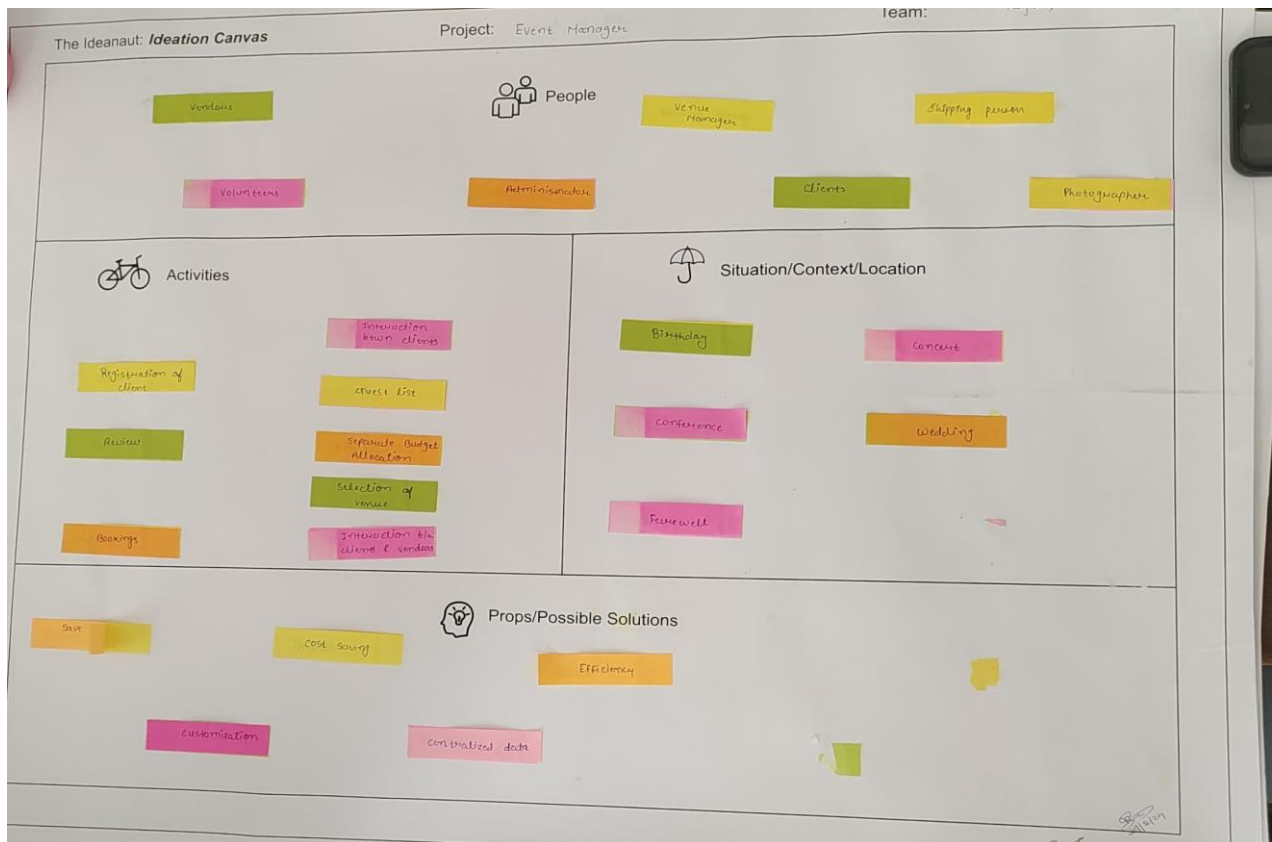


Fig. 4 Ideation Canvas

1.3 Product Development Canvas

Purpose:

- Reducing mental effort
- Providing variety
- Physical effect
- Stores data for future
- Time saving

People:

- venue manager
- administrator
- technical support staff
- volunteers
- clients
- vendors

Product Features:

- provide e-card
- data analysis and handling
- event creation and setup
- customization
- on sight operation
- communication

Component:

- payment gateway
- event listing
- search and filters
- user accounts
- registration system

Product Development Canvas

Team/Date/Version: Rajvi, Diyaani / 14/10/24 / Version 1-1.0

Purpose	Product Experience	Customer Revalidation
<p>What is the purpose of this concept you're developing? Does it solve a problem, or it enhances a certain experience? Is it serving a need or it is trying to create a new need or tap an untapped need?</p> <p>Reducing mental effort</p> <p>Providing Variety</p> <p>Reducing Physical effort</p> <p>Storing Data for future</p> <p>Time Saving</p>	<p>Define what your customer should feel like when he uses your product/services? What emotions, feelings would define his experience? Feeling of Comfort, convenience, or feeling of buying more with less (cost conscious) or feeling of greater security, safety etc.</p> <p>Easy User Interface</p> <p>Content Quality</p> <p>Commitment</p>	<p>Once you're finished with your feature set, test with the customer / user if the features, functions are useful. Speak to the customer / user</p> <p>Post wedding Services</p> <p>Provide Compliments in Conference</p> <p>Discount for repeated clients</p>
	<p>Product Functions</p> <p>Functions are a products answer to use problems/need. They do something that user wants. They are often verbs in nature. Every function is powered by many features. Multitasking is a function. (browser tabs is a features that powers the multitasking feature. A function can have one or more features powering it. Functions are very generic in nature, features are often more specific. Functions can be similar to product experience. Safety (product function) provides a feeling of safety (product experience).</p> <p>Analytics reporting</p> <p>Financial Management</p> <p>Venue Management</p>	
	<p>Product Features</p> <p>Product features are specific. One or more features will power function. Airbags are features that power the safety function. Browser tabs, Apple's home button to multitask between apps are features powering the multitasking function. Each feature will have many components/sub components powering it. Sometimes a very popular component becomes a feature itself. Like car stereo is a major components and a feature at its own time powering the in-car entertainment function powering entertainment as a product experience.</p> <p>Provide E-Card</p> <p>Event Creation and setup</p> <p>Ongoing operation</p> <p>Data analysis and handling</p> <p>Customization</p> <p>Communication</p>	
<p>People</p> <p>Who is the key customer segment who will use this product/service or the end product of the concept you're pursuing? Write here about them, describe them a little.</p> <p>Venue Managers</p> <p>Administration</p> <p>Technical support staff</p> <p>Volunteers</p> <p>Clients</p> <p>Vendors</p>	<p>Components</p> <p>Components build up the features. For a toolbar it will comprise a list of component like tags, triggers etc. that go into making it. For a tabbed browser it will comprise of various chunks of code that will make the tabs work. In cases where the feature is a major component, you could list here the auxiliary components that are required to make the major component work, you can also list new adjustments and innovations you're planning here at the component level.</p> <p>Payment Gateway</p> <p>Registration System</p> <p>Event Listing</p> <p>Search and Filters</p> <p>User Accounts</p>	<p>Reject, Redesign Retain</p> <p>Post customer validation, reject, those functions or features that the customers didn't find useful. Redesign those that were partially useful and retain those that met the bar. Iterate with this until all functions/features are accepted.</p> <p>Post wedding Services</p> <p>Provide Compliments in Conference</p> <p>Discount for repeated clients</p>

16-9-2013

Fig. 5 Product Development Canvas

1.4 Learning Need Matrix (LNM) Canvas

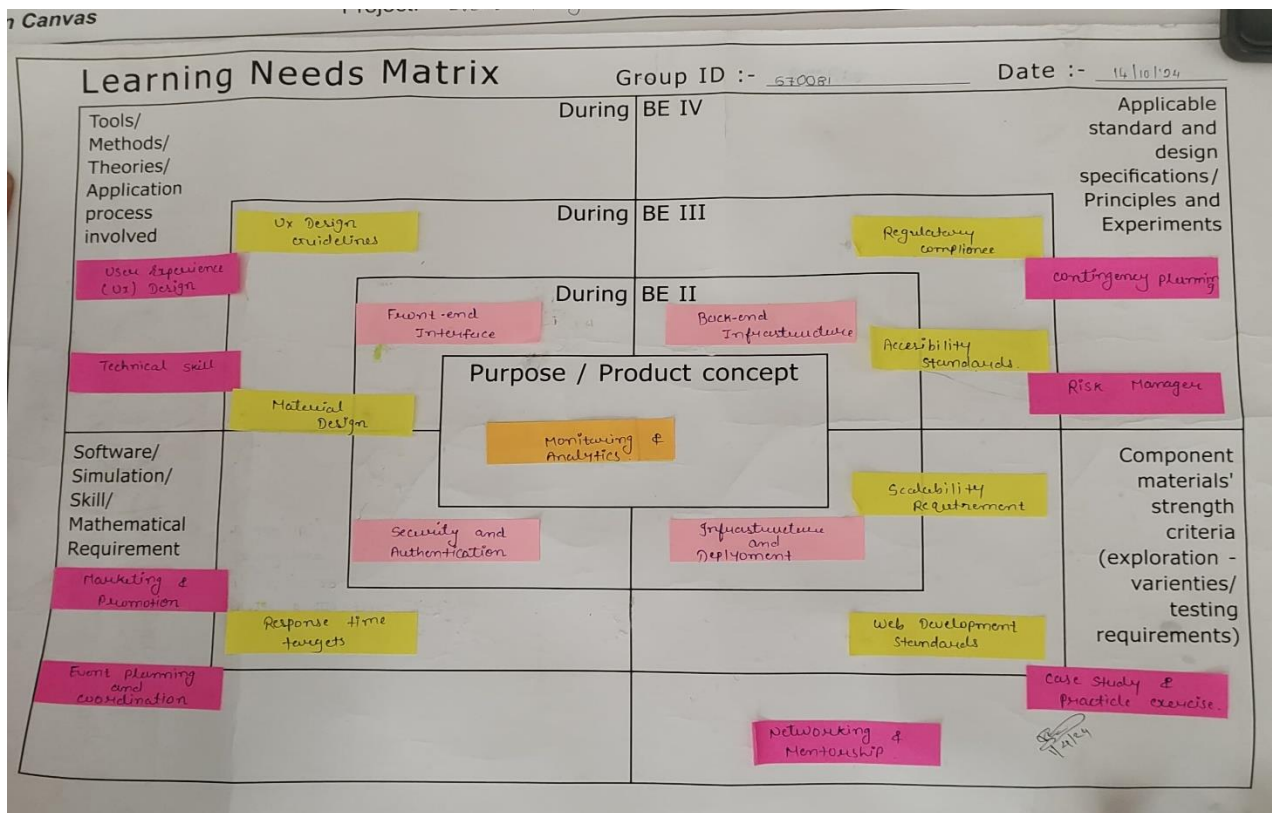


Fig. 6 Learning Need Matrix (LNM) Canvas

2. Snapshots

3.1. Snapshots



Fig. 3.1 Snapshot

3.2. Snapshots

About us:



WEDDINGS



With every last detail taken care of, we can ensure your big day is effortless and unforgettable.

SOCIAL GATHERINGS

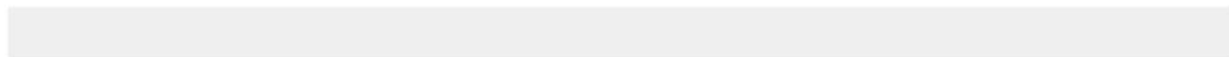


From a show stopping engagement celebration to an epic surprise birthday party, you dream it and we will make your vision a reality.

CORPORATE EVENTS



Wow your guests with a unique event that aligns with your company's vision.



Event Manager

[Home](#) [About](#) [Events](#) [Contact us](#)

Event Manager

Event Manager is an event agency in Bhavnagar, Tennessee focusing on weddings, social gatherings, and corporate events. As soon as you see the website, you have a clear idea of what to do next.



4

Fig. 3.2 Snapshot

3. Conclusion and Future work

Conclusion:

- From this after all we're just trying to help engineering students to make a sheet easily through our website.

Future Work:

- User experience enhancement
- Sustainability features

4. References

- Design Engineering Website:- <https://de.gtu.ac.in/>
- Prototype Website:- <https://www.uizard.io/>
- Online Sheet Maker Video:- <https://youtu.be/Q7IVU6Q9H8A>
- Online Sheet Maker Website:-
<https://designengineeringsheetgenerator.civilexperiences.com/?m=1>
- Sheet Ideas Website:- <https://www.wordpress.com>