A

PROJECT REPORT

On

" Wedding Management System"

SUBMITTED TO

GODAVARI INSTITUTE OF MANAGEMENT AND RESEARCH ,JALGAON.

AFFILIATE TO

KAVIYITRI BHAHINABAI CHAUDHARI NORTH MAHARASHATRA UNIVERSITY JALGAON.

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GODAVARI FOUNDATION'S

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CERTIFICATE

This is to certify that the content of this Field **project " WEDDING MANAGEMENT SYSTEM" by Miss. SNEHAL SATISH MORE (20)& DHANASHRI HEMANT PAWAR(37)** is the bonafide work of him/her submitted to the Godavari Institute of Management & Jalgaon, for consideration in the partial fulfillment of the requirement for the degree of Master of Business Administration under the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.

This work done by him/her is original and satisfactory.

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Sign:

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PROJECT ORGANIZATION

A wedding management system is a comprehensive software solution designed to streamline and organize various aspects of wedding planning and management. From guest list management to vendor coordination, budget tracking to seating arrangements, these systems offer a centralized platform to simplify the entire process for couples, wedding planners, and vendors alike.

Here's an introduction to the key features and benefits of a wedding management system:

1. **Guest Management:** Easily create and manage guest lists, send invitations, track RSVPs, and manage meal preferences or dietary restrictions.

2. **Vendor Coordination:** Keep track of all vendors involved in the wedding, including caterers, florists, photographers, and musicians. Coordinate contracts, payments, and timelines efficiently.

3. **Budget Tracking:** Set and manage your wedding budget with tools to track expenses, compare quotes from different vendors, and receive alerts for overspending.

4. **Task Management:** Create to-do lists, assign tasks, and set deadlines for various aspects of wedding planning, ensuring nothing falls through the cracks.

5. **Calendar and Timeline:** Maintain a detailed timeline of all wedding-related events, including fittings, rehearsals, vendor meetings, and the big day itself.

6. **Seating Arrangements:** Design seating charts and floor plans with drag-and-drop functionality, taking into account guest preferences and relationships.

7. **Communication Tools:** Facilitate communication between the couple, wedding planners, and vendors through built-in messaging features or integrations with email and messaging platforms.

8. **Registry Integration:** Integrate with wedding registries to manage gift lists and track purchases made by guests.

9. **Venue Management:** Keep track of venue details, including availability, capacity, and layout, and manage bookings and payments seamlessly.

10. **Mobile Access:** Many wedding management systems offer mobile apps, allowing users to access and update information on the go.

ABSTRACT

This wedding management project aims to provide comprehensive assistance to couples in planning and executing their dream wedding. The project encompasses various aspects of wedding planning, including budgeting, venue selection, vendor management, design and décor coordination, guest management, logistical arrangements, and on-the-day coordination.

Key components of the project include:

1. Initial Consultation: Meeting with the couple to understand their preferences, vision, and budget for the wedding.

2. Budgeting: Helping the couple establish a realistic budget and allocating funds for different aspects of the wedding.

3. Venue Selection: Assisting in selecting suitable venues for the ceremony and reception, considering factors such as location, capacity, and ambiance.

4. Vendor Management: Identifying and booking reputable vendors for services such as catering, photography, décor, entertainment, and transportation.

5. Design and Décor Coordination: Collaborating with the couple to create a cohesive theme and décor scheme for the wedding, and coordinating with decorators and florists to bring the vision to life.

6. Guest Management: Managing the guest list, sending invitations, tracking

RSVPs, and organizing accommodations for out-of-town guests.

7. Logistical Arrangements: Overseeing all logistical aspects of the wedding, including transportation, setup, and timeline management.

8. On-the-Day Coordination: Providing on-the-day support to ensure that everything runs smoothly, acting as a point of contact for vendors, the wedding party, and guests.

By meticulously planning and coordinating each aspect of the wedding, this project aims to create a memorable and stress-free experience for the couple, allowing them to enjoy their special day to the fullest.

This abstract outline the key components and objectives of the wedding management project, providing a concise overview of its scope and goals

CHAPTER 1

INTRODUCTION

In today's fast-paced world, planning a wedding can be a daunting task. Couples often find themselves overwhelmed with the myriad of details involved in organizing their special day. From selecting the perfect venue to coordinating vendors and managing guest lists, the process can quickly become stressful and time-consuming.

To alleviate these challenges, a Wedding Management System (WMS) offers a comprehensive solution to streamline the wedding planning process. Designed to simplify and automate various aspects of wedding management, this system provides couples and wedding planners with the tools they need to plan, organize, and execute a flawless event.

Key Features of a Wedding Management System:

1. **Vendor Management:** The system allows users to search for and select vendors such as venues, caterers, photographers, florists, and entertainers. It provides detailed profiles and reviews to help couples make informed decisions.

2. **Budget Tracking:** Users can set and manage their wedding budget within the system, tracking expenses and payments to ensure they stay within their financial constraints.

3. **Guest Management:** The WMS assists in creating and managing guest lists, sending invitations, tracking RSVPs, and organizing seating arrangements.

4. **Task Management:** Couples can create and assign tasks related to wedding

planning, with deadlines and reminders to keep everything on track.

5. **Calendar and Timeline:** The system generates a detailed timeline for the wedding, including important dates, appointments, and deadlines. It helps users stay organized and ensures that all tasks are completed on time.

6. **Design and Décor Planning:** Users can visualize and plan the design and décor of their wedding, selecting themes, colors, and decorations within the system.

7. **RSVP and Communication**: The WMS facilitates communication with guests, sending reminders and updates, as well as managing RSVPs and dietary preferences.

8. **Document Management:** Users can store and access important documents such as contracts, permits, and licenses within the system, ensuring everything is in one central location.

CHAPTER 2

LITERATURE REVIEW

DBMS stands for Database Management System. We can break it like this DBMS= Database +Management System. Database is a collection of data and Management System is a set of programs to store and retrieve those data. Based on this we can define DBMS like this: DBMS is a collection of inter-related data and set of programs to store and access those data in an easy and effective manner. Database system are basically developed for large amount of data. When dealing with huge amount of data, there are two things that require optimization: Storage of data and retrieval of data. According to the principles of database systems, the data is stored in such a way that it acquires a lot less space as the redundant data(duplicate data) has been removed before storage. Along with storing the data in an optimized and systematic manner, it is also important that weretrieve the data quickly when needed. Database system ensures that data is retrieved as quickly as possible. ÷ Applications of DBMS The developmentof computer graphics has been driven both by the needs of the user community and by the advances in hardware and software. The applications of database are many and varied; it can be divided into four major area

1.Hierarchical and network system

2.Flexibility with relational database

3.Object oriented application.

4. Interchanging the data on the web for e-commerce.

Display information in this particular project, we are taken HTML web page as a front end in order to display the information which are stored in the backend database called MySQL.HTML stands for Hyper Text Markup

Language.HTML describes the structure of web pages using markup.HTML elements are the building blocks of HTML pages. Browser do not display the HTML tags but use them to render the content of page.

CHAPTER 3

CONCEPT

A Wedding Management System is a software solution designed to streamline the process of planning, organizing, and managing weddings. It serves as a centralized platform that facilitates communication, coordination, and collaboration among various stakeholders involved in a wedding ceremony, including wedding planners, vendors, clients (the couple getting married), and guests.

Key Components:

3.1 Guest Management:

•The system allows for the creation and maintenance of a guest list, including details such as names, contact information, RSVP status, dietary preferences, etc.
•It facilitates sending invitations, tracking RSVPs, and generating seating arrangements for the ceremony and reception.

3.2 Vendor Management:

•Vendors play a crucial role in weddings, providing services such as catering, photography, venue decoration, entertainment, etc.
•The WMS maintains a database of vendors, their contact details, services offered, contracts, payment status, and performance ratings.

3.3 Budget Management:

•Weddings involve various expenses, and managing the budget effectively is essential.
•The system allows users to set budgets for different aspects of the wedding (e.g., venue, catering, attire, decorations) and tracks expenses to ensure they stay within budget limits.

3.4 Task Management:

•Planning a wedding involves numerous tasks that need to be assigned, tracked, and completed within specified timelines.
•The WMS enables users to create tasks, assign them to team members or vendors, set deadlines, and monitor progress.

3.5 Calendar and Schedule:

•Keeping track of important dates, appointments, and deadlines is crucial for successful wedding planning.

•The system provides a calendar feature that allows users to manage timelines, schedule appointments with vendors, and ensure that all tasks are completed on time.

3.6 Inventory Management:

•Inventory management is particularly relevant for items like decorations, flowers, wedding attire, etc.

CHAPTER 4

FUNCTIONAL AND TECHNICAL DETAILS

4.1 FUNCTIONAL DETAILS:

1. Guest Management:

Functionality:

Add, edit, and delete guest details.

Send invitations and track RSVPs.

Generate seating arrangements.

Importance: Ensures accurate guest count and seating arrangements for the ceremony and reception.

2. Vendor Management:

Functionality:

Maintain a database of vendors and their contact details.

Manage vendor contracts, payments, and performance ratings.

Importance: Facilitates efficient collaboration with vendors and ensures high-quality services.

3. Budget Management:

Functionality:

Set budgets for various aspects of the wedding.

Track expenses and compare them against budget allocations.

Importance: Helps in controlling costs and ensuring that expenses are within budget limits.

4. Task Management:

Functionality:

Create, assign, and prioritize tasks.

Set deadlines and track task progress.

Importance: Ensures that all necessary tasks are completed on time, leading to a smooth wedding planning process.

5. Calendar and Schedule:

Functionality:

Maintain a calendar with important dates, appointments, and deadlines.

Schedule meetings with vendors and other stakeholders.

Importance: Helps in managing timelines and ensuring that all activities are properly scheduled.

6. Inventory Management:

Functionality:

Track inventory of wedding-related items such as decorations, flowers, and attire.

Manage stock levels and reorder items when necessary.

Importance: Ensures availability of necessary items and prevents shortages during the wedding.

7. Venue Management:

Functionality:

Search for available venues based on criteria such as location, capacity, and budget.

Book venues and manage venue-related tasks and contracts.

4.2 TECHNICAL DETAILS:

Architecture:

Client-server architecture with a web-based frontend and backend server.
Use of robust frameworks like Django or Laravel for backend development.
Frontend designed using HTML5, CSS3, and JavaScript for a responsive and intuitive user interface.

Database Management:

Utilization of a relational database management system (RDBMS) such as MySQL or PostgreSQL.
Database schema designed to efficiently store and manage wedding-related data, including guest details, vendor information, tasks, budgets, etc.

Security:

Implementation of industry-standard security measures such as data encryption, secure authentication, and authorization mechanisms.
Regular security audits and updates to mitigate potential vulnerabilities and protect sensitive information.

Scalability:

Designing the system to be scalable to accommodate varying numbers of users, guests, and events.
Utilization of cloud infrastructure and horizontal scaling techniques to handle increased loads during peak periods.

Integration:

Integration with third-party services for features such as email delivery, SMS notifications, payment processing, etc.

Utilization of APIs and webhooks for seamless communication and data exchange between the WMS and external systems.

Performance Optimization:

Implementation of caching mechanisms to improve system performance and reduce latency.

Optimization of database queries, server-side code, and frontend assets to enhance overall responsiveness and user experience.

Testing and Quality Assurance:

Adoption of rigorous testing practices, including unit testing, integration testing, and user acceptance testing.

Continuous monitoring and performance testing to identify and address any issues or bottlenecks.

Deployment:

Deployment of the system on reliable and scalable hosting platforms such as AWS, Google Cloud Platform, or Microsoft Azure.

Implementation of deployment pipelines and automation tools for efficient and consistent deployment processes

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CHAPTER 5

MAINTAINANCE AND TESTING

5.1 MAINTENANCE:

Maintenance of a WMS is essential to ensure its continued functionality, security, and performance. Here's an outline of maintenance activities:

1. Regular Updates:

• Regular updates to the system, including bug fixes, security patches, and feature enhancements.

• Updates should be planned and scheduled to minimize disruption to users.

2**. Backup and Disaster Recovery:**

• Regular backups of the database and system files to prevent data loss in case of hardware failure, cyber-attacks, or other disasters.

• Implementation of disaster recovery plans to quickly restore the system in case of an outage.

3. Performance Monitoring:

• Continuous monitoring of system performance, including response times, server load, and database performance.

• Identification of performance bottlenecks and optimization of system components to ensure optimal performance.

4. Security Audits:

• Regular security audits to identify and mitigate potential vulnerabilities in the system.

• Implementation of security best practices such as encryption, secure authentication, and access control mechanisms.

5. **User Support and Training:**

• Provision of ongoing user support through various channels such as email, phone, or a dedicated helpdesk.

• Regular training sessions and resources to help users make the most of the system's features and functionalities.

6. Compliance Updates:

• Regular review and updates to ensure compliance with relevant regulations and standards, such as data protection laws (e.g., GDPR) and payment card industry standards (PCI DSS).

7. Feedback Collection:

• Solicitation of feedback from users to identify areas for improvement and prioritize future development efforts.

• Implementation of user-requested features and enhancements based on feedback.

5.2 TESTING:

Testing is a critical phase in the development and maintenance of a WMS to ensure its reliability, functionality, and security. Here are the key testing activities:

1**. Unit Testing:**

• Testing individual components or modules of the system in isolation to ensure they function correctly.

• Automated unit tests are created for each module, covering both normal and edge cases.

2. Integration Testing:

- Testing the interactions between different components/modules to ensure they work together as expected.
- Testing various integration points, such as APIs, database connections, and third-party integrations.

3. System Testing:

- Testing the system as a whole to verify that it meets the specified requirements and behaves as expected.
- Testing various user scenarios and workflows to identify and address any usability issues or bugs.

4. Performance Testing:

- Testing the system's performance under various load conditions to ensure it can handle the expected number of users and transactions.
- Performance tests include stress testing, load testing, and endurance testing.

5. Security Testing:

- Testing the system for potential security vulnerabilities, such as SQL injection, cross-site scripting (XSS), and authentication flaws.
- Security testing may include penetration testing, vulnerability scanning, and code review by security experts

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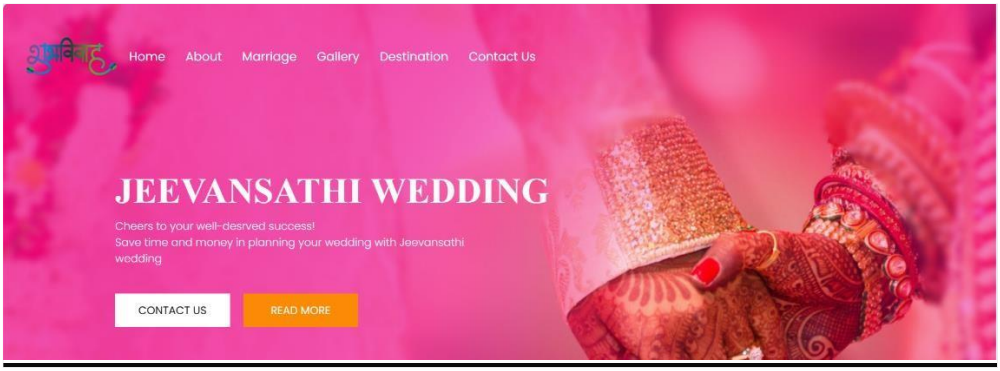
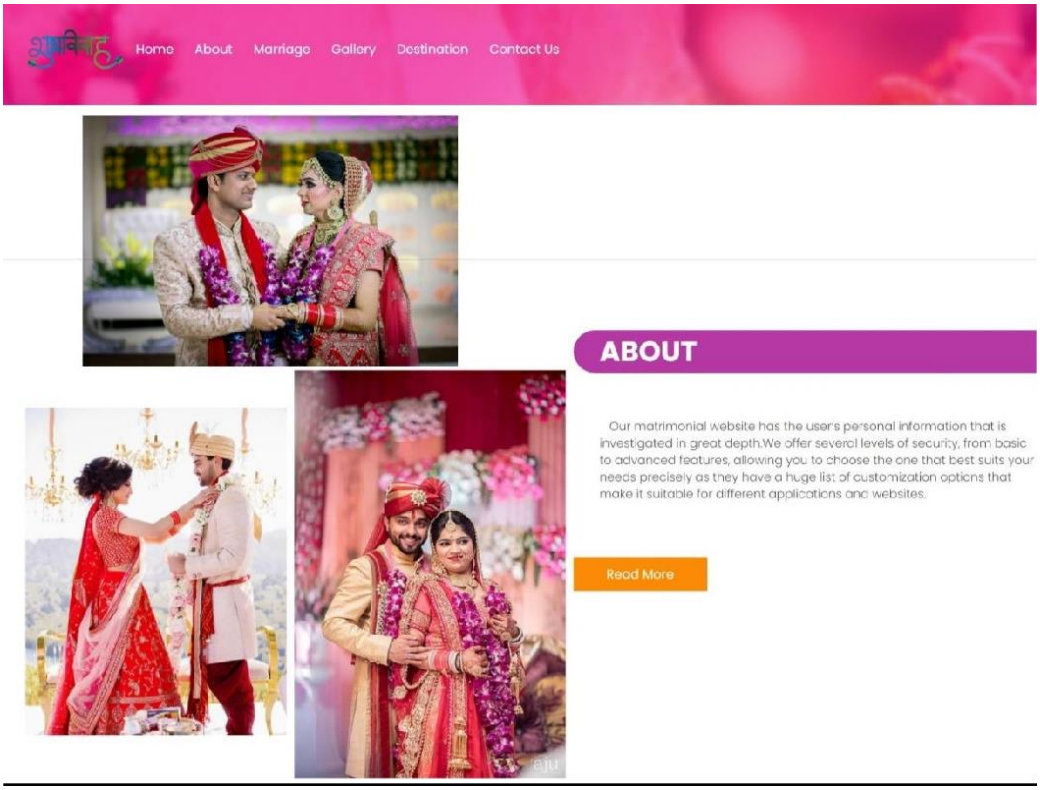
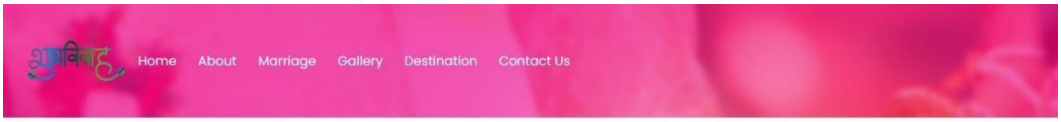
5.3 SCREENSHOTS:







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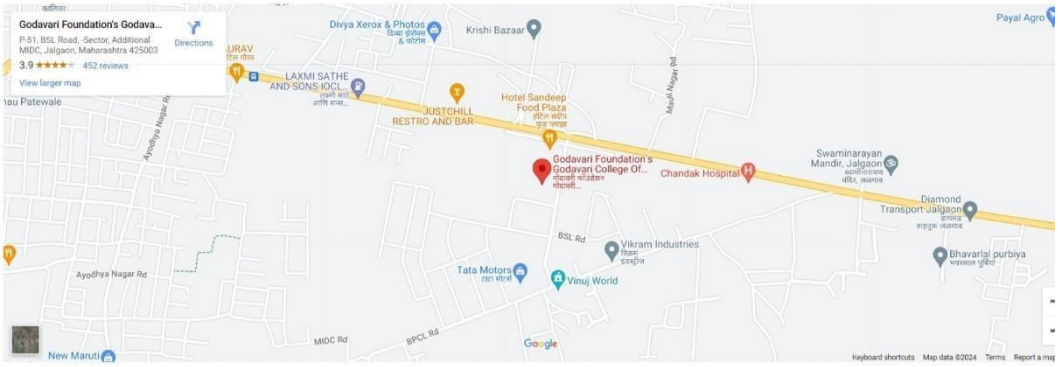

CHAPTER 6

ADVANTAGES AND DISADVANTAGES

- **ADVANTAGES:**

Efficiency:

WMS streamlines the entire wedding planning process, saving time and effort for both couples and wedding planners.

Automated features such as guest list management, vendor coordination, and task assignment enhance efficiency.

Organization:

The centralized platform of WMS helps in organizing all wedding-related information, including guest lists, vendor contracts, budgets, and schedules.

This organization reduces the risk of overlooking important details and ensures that everything is properly managed.

Communication:

WMS facilitates seamless communication and collaboration among stakeholders, including couples, wedding planners, vendors, and guests.

Communication tools such as in-app messaging, email notifications, and SMS reminders keep everyone informed and updated.

Cost Control:

Budget management features of WMS enable couples to set and track budgets for

various aspects of the wedding.
This helps in controlling costs and avoiding overspending, ensuring that the wedding stays within budget limits.

Customization:
WMS can be customized to suit the specific needs and preferences of couples, allowing them to create a personalized wedding experience.
Customization options may include themes, color schemes, and branding elements.

Data Analysis:
WMS generates reports and analytics on various aspects of wedding planning, providing valuable insights into budget utilization, guest preferences, vendor performance, etc.
Data analysis helps in making informed decisions and optimizing the planning process for future events.

- **DISADVANTAGES:**

Technical Dependence:
Dependence on technology means that any technical glitches or system failures can disrupt the wedding planning process.
Lack of technical expertise among users may lead to difficulties in using or troubleshooting the system.

Cost:
Initial setup costs and ongoing subscription fees for WMS may be prohibitive for

couples with limited budgets.
Additional costs may arise from customization, integration with third-party services, and maintenance.

Privacy and Security Concerns:
Storing sensitive information such as guest details, vendor contracts, and payment information in a digital system raises concerns about privacy and security.
There is a risk of data breaches, hacking, or unauthorized access if proper security measures are not implemented.

Learning Curve:
Learning to use a WMS effectively may require time and effort, especially for users who are not tech-savvy.
Some users may find the interface complex or overwhelming, leading to resistance or reluctance to adopt the system.

Limitations of Automation:
While automation can streamline many aspects of wedding planning, there are limitations to what can be automated.
Certain tasks may still require manual intervention or human decision-making, particularly those involving creative or subjective elements.

Over-reliance on Technology:
Relying too heavily on technology for wedding planning may detract from the personal touch and emotional significance of the event.
Couples may miss out on the human connection and personalized service offered by traditional wedding planners and vendors.

CHAPTER 7

CONCLUSION

7.1 CONCLUSION:

In conclusion, a Wedding Management System (WMS) offers a comprehensive solution for couples and wedding planners to streamline and enhance the wedding planning process. By leveraging technology, WMS provides numerous advantages such as increased efficiency, organization, communication, cost control, customization, and data analysis.

However, there are also some challenges and considerations associated with WMS, including technical dependence, costs, privacy and security concerns, learning curve, limitations of automation, and potential over-reliance on technology.

Despite these drawbacks, the benefits of using a WMS often outweigh the disadvantages, especially for couples seeking a more organized, efficient, and stress-free wedding planning experience. With careful planning, implementation, and maintenance, WMS can significantly improve the overall wedding planning process and contribute to the success and enjoyment of the wedding ceremony and celebration.

Ultimately, whether to adopt a WMS depends on the specific needs, preferences, and resources of the couples and wedding planners involved. With proper understanding and management of both the advantages and disadvantages, WMS can serve as a valuable tool in creating memorable and magical weddings.

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- "Virtual Reality and Augmented Reality: Myths and Realities" by Philip R. Seitz (CRC Press, 2019) - This book provides an overview of VR and AR technologies, their current capabilities, and potential future developments, offering valuable insights for integrating immersive experiences into software applications.

- "Blockchain Basics: A Non-Technical Introduction in 25 Steps" by Daniel Drescher (Apress, 2017) - This introductory book explains the fundamental concepts of blockchain technology in a clear and accessible manner, providing a foundation for understanding its potential applications in areas such as security and transparency.

- "Mobile App Development with Swift" by Craig Grummitt and Adam Freeman (Apress, 2018) - This book covers the essentials of mobile app development using Swift programming language for iOS platforms, offering practical guidance on building feature-rich and user-friendly mobile applications.