Mahalakshmi Light Decoration Plus Generator Shop Website

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Abstract- *This web-based application is developed to function as an Auditing and Invoicing System for Mahalakshmi Light Decoration and Generator Shop, ensuring efficient order records management and transaction processes. The system minimizes the inefficiencies that are normally present in traditional paper-based auditing by providing for automated generation of invoices for services and products of the shop. It ensures precise recording of transactions, enhancing operating transparency and restricting the scope for booking differences. Besides, it also contains a customer feedback module by which customers can give their experience of services and thereby the shopkeeper can improve the quality of service and customer satisfaction. Booking management, sales management, and auditing have traditionally been time consuming and error prone and result in potential losses in revenue. All these problems are avoided with this system because it automates invoice generation and maintains correct real time sales records. All transactional data is securely kept in a database, allowing the shopkeeper instant access to facilitate enhanced business tracking and decision making.*

Keywords- Auditing System, Customer Feedback, Invoice Generation, Light Decoration, Transaction Management

I. INTRODUCTION

A website developed for Mahalakshmi Light Decoration and Generator Shop will help display all the types of lighting decorations and generators they have for their customers. The website will be a home to the business online and allows clients to browse and book high quality light decorations for all types of events and reliable generators for their residential needs. The web platform is pointed at providing easy and helpful booking for the users and it has different lighting decoration designs, event decoration themes, and generator models to choose from. Customers can inquire about the products or make a reservation directly online.

The site is also a useful medium for communicating with the business, Customers will have access to detailed product descriptions, specifications, and pricing. With its clear professional look, the Mahalakshmi website is a credible provider of lighting and generator services, serving the needs of both event planners and home owners. The site is designed to engage users effectively, making it easy and convenient for clients to order and communicate with the business at Mahalakshmi Light Decoration Plus Generator Shop, we focus on bringing light and happiness to your spaces by offering a variety of lighting solutions as well as dependable generator service.

Our website is your one stop shop for decorative lights and power back up. Whether you are planning a festival, wedding, party or just want to light up your home, we can find the right lighting for your needs and your budget. We have a wide range of lighting options for our users, such as decorative lights, garland lights, focused lights, and high-quality generators.

Each light is carefully selected for its durability, energy efficiency, and aesthetics. To provide a fully functional website for Mahalakshmi light decoration plus generator, we will need to combine frontend and back-end components to create a seamless user experience and smooth product management process. The website can be maintained fairly easily because the sections will include a Home Page, a Product Page for generators, lamps, garland lights, and focused lights, and a Booking Page for customers to conveniently reserve products. The booking page will have an invite to book form allowing customers to choose the desired product, rental dates, and contact information. Fortunately, in terms of user experience, the website will implement responsive design, easy to navigate menu layouts, and a pleasant aesthetic.

Overall, the most important part of the website is the booking process. The admin can easily view and update data as the database manages everything for them. It is easy for customers to book products online, and equally easy for the admin to manage everything that occurs with products to book. It's a specialized business providing high quality decorative lighting solutions, as well as reliable power backup

systems, for a variety of events and occasions. Their primary offerings are generators, lamps, garland lights, and focused lights. These products are designed to enhance the ambiance for celebrations like festivals, weddings, parties, and corporate events.

The Shop is committed to being a resource for customers to light up their space, as well as ensure they'll never have to worry about power problems during important events. Generators are available to rent from them, so customers will always have a reliable source of power regardless of the event's size. Their generators are ready and steady no matter how large or small the event is, they are built to provide stable power unless it runs out of gas. In addition to the generators, their full collection of lamps includes lighting of all kinds from traditional oil lamps to modern LED lamps.

II. IDENTIFY, RESEARCH AND COLLECT IDEA

A comprehensive survey of the challenges faced by event organizers, households, and businesses when it comes to light decorations and generators was carried out to kick-start this initiative. The objective at the core was to explore the effects of having no digital platform and no online exposure on customers' ability to find and access complex information about services, their availability, and the facility to book them easily. This idea was conceived based on direct observations and interactions with customers and shopkeepers, where it was evident that bookings and inquiries were mostly verbal or spread through word of mouth.

To validate this concept, extensive research was done on some successful event management and rental service websites such as BookMyShow, Sulekha, Urban Company, and other local online service platforms. These websites provided valuable insights into user interface design, service categorization, booking mechanisms, and customer-oriented features. The idea of offering detailed service descriptions, pricing, booking forms, and visual galleries was heavily influenced by these sources. Special attention was given to how these websites handled service availability updates, collected customer feedback, and incorporated multi-channel contact methods.

The research also included observing online service trends and digitalization initiatives aimed at small enterprises, especially those promoted by programs like Digital India, which emphasize the importance of connecting local services with digital platforms. Furthermore, blogs, business journals, and case studies of small service-based business websites were studied to understand the broader impact of digital presence and customer engagement tools.

In addition, interviews with existing customers, event organizers, and local business owners helped validate the need for a centralized online platform for Mahalakshmi Light Decoration Plus Generator Shop. This would simplify service orders, increase visibility of existing decoration and generator offerings, and enable easy online bookings.These conclusions solidified the need to create a site that not only provides information and visual appeal but is also accessible, secure, and tailored to the specific needs of the shop and its client base.

This thorough research and identification exercise laid a strong foundation for building a visually stunning, functionally sound, and customer-focused digital solution that would directly benefit the community by enhancing service transparency, product knowledge, and direct shop-to-customer connectivity.

III. WRITE DOWN YOUR STUDIES AND FINDINGS

Mahalakshmi Light Decoration Plus Generator Shop Website was developed as an online platform rich in features to re- engineer the presentation and access of light decoration services, generator rentals, and associated products for customers. The website was designed to be responsive, visually appealing, and accessible even to customers who are not highly familiar with digital technology. During the development stage, the team carried out research on important user requirements such as ease of navigation, easy-to-understand service categorization, access to contact details, and interactive inquiry and booking forms.

The front end was programmed using HTML, CSS, and JavaScript to deliver a clean, attractive layout with mobile responsiveness, an in-motion image slider was implemented on the homepage, featuring real-time photos of light decoration arrangements, generator set models, and event configurations, offering users an enriched visual experience of the shop’s offerings. Standalone, smoothly loading pages were created for Home, About Us, Services, Contact Us, Booking, and Gallery to improve the user experience by reducing unnecessary page redirections. MySQL and PHP were used in the back end for processes such as form submissions for bookings, service displays, customer inquiries, requests, and feedback management.

An admin panel was designed with ease of use in mind, making it possible for Mahalakshmi Light Decoration Plus Generator Shop to effectively control service displays, update availability, respond to feedback, and view customer inquiries and booking requests. This system reduces the workload on staff while enabling real-time updates of services

and availability. All listings in the services section offer images, service descriptions, pricing details, availability status, and booking instructions, adopting best practices from popular service sites like Urban Company, Sulekha, and Justdial. The online inquiry and feedback forms act as useful tools for collecting customer feedback, resolving concerns, and refining services based on real-time customer input.

Overall, the website successfully serves as a digital bridge between Mahalakshmi Light Decoration Plus Generator Shop and its customers. It has maximized customer interaction, significantly increased the visibility of the shop's services, and demonstrated how small local enterprises can adopt technology to expand their reach and operational efficiency. The website was thoroughly tested across various devices and browsers to ensure it is fully cross-browser compatible and provides a responsive, glitch-free user experience.

IV. GET PEER REVIEWED

In the process of designing the Mahalakshmi Light Decoration Plus Generator Shop Website, the system as a whole was carefully checked by technical guides, project advisors, and independent evaluators of the institute. The feedback mechanism was instrumental in ensuring that the functionality, usability, and performance of the site were aligned to pragmatic, real-world expectations, particularly for local customers with differing levels of digital literacy. They rigorously examined the navigation pattern of the website, the service list structure, the mechanism of the booking form, and the management of inquiry features.

They focused on improving the process of form validation to avoid submitting incomplete or incorrect data and also suggested optimization strategies to decrease website loading time and reduce server load, particularly during high-traffic periods like festival seasons and event booking peaks.

Further minor changes were proposed to the user interface (UI) for enhanced readability and understandability on low- end handsets and compact screen devices. The admin panel of the website was valued for its simplicity and functionality, making it easy for shopkeepers to administer service postings, booking enquiries, and consumer feedback without any technical coding knowledge. However, the reviewers suggested including secure admin login mechanisms like password hashing and session management, and ensuring that all form submissions such as service bookings, contact enquiries, and feedback forms are properly sanitized and validated to avoid vulnerabilities like SQL injection and cross-site scripting .All of the recommendations and ideas were carefully recorded and methodically applied to the enhanced, redesigned site. This group review process greatly improved the technical back-end of the application and made it more user-driven and security-conscious. As a result, the site is now much more scalable, supportable, secure, and stable, effectively fulfilling the operational and customer engagement requirements of Mahalakshmi Light Decoration Plus Generator Shop.

V. IMPROVEMENT AS PER REVIEWER COMMENTS

Following the peer review of the Mahalakshmi Light Decoration Plus Generator Shop Website, various critical improvements were implemented to enhance the performance, security, and quality of the site. Based on professional opinions and evaluations, the inquiry and booking forms were improved with server-side validation to prevent incomplete, invalid, or even malicious data entry, ensuring that the system would only accept valid input.

The database design was also optimized through table normalization to reduce redundancy, improve data integrity, and allow for quicker and more efficient data retrieval. This redesign not only improved system performance but also allowed for easier future scalability and maintenance. To enhance speed and resource usage, SQL queries were reorganized to benefit from the effective utilization of joins and the avoidance of multiple redundant database calls.

On the front-end, responsiveness and layout adaptations of the site were enhanced to enable customers to enjoy an optimal browsing experience on low-bandwidth connections and small-screen smartphones that are common in the area. The admin login subsystem was reinforced with encrypted password storage and session management techniques to prevent unauthorized access to sensitive administrative features.

The file upload feature of the admin module was strengthened so that it would only accept authorized formats (e.g., JPG, JPEG, and PNG) and applied optimized image size limits. This enhanced webpage loading speed, performance, and security by preventing the upload of unsupported or large files.

In addition, the reviewers had also recommended making the product and service pages more interactive and informative. Therefore, additional sections such as setup type, power requirements, service usage instructions, availability, and pricing details were included in every listing. These modifications not only improved the security and reliability of

the platform but also greatly enhanced the website by making it much more user-friendly, professional, and well-aligned with real-world customer expectations regarding event decoration and generator services.

VI. CONCLUSION

The Mahalakshmi Light Decoration Plus Generator Shop Website differentiated itself from the traditional way of customers reaching and booking lighting and power solutions by mixing comfort, innovation, and reliability. Through giving a diverse range from garland lights and decorative lamps to focus lights and generators the site attracted both home needs and large occasions, offering flexibility to every single customer. With amenities like live stocks updates, effective booking, and prompt customer service, the site eliminated traditional inefficiencies, creating a seamless user experience.
The Mahalakshmi Light Decoration Plus Generator Shop Website aimed to provide customers with an easy and effective online platform to browse and book a wide range of products, including garland lights, lamps, focus lights, and generators. By the use of real-time stock monitoring, effective order processing, and enhanced customer interaction features, the website offered a hassle-free booking procedure, reduced operating inefficiencies, and improved client satisfaction. The project ultimately made it possible for the business to reach more, sell more, and offer ensured service for both residential and event- based power and lighting solutions.

The Mahalakshmi Light Decoration Plus Generator Shop Website effectively changed customer interactions with lighting and generator rental services through the launch of a new user- focused digital platform. Through the replacement of old, labor- intensive, and usually inefficient offline booking practices. The website facilitated the whole customer experience from viewing available services to making bookings and getting timely confirmations. Not only did the platform display a diverse variety of goods and services, including garland lights, decorative lamps, focus lights, and generators, but it also made it possible to clearly display availability, price, and service information transparently and openly in real-time.

This facilitated much-enhanced customer decision-making, whether for small parties at home or big events open to the general public. Core features such as live updates on stock, online booking forms, and an admin panel with a responsive design brought operational benefits through less manual workload, minimized conflicts of schedules, and greater customer service responsiveness. The presence of a feedback section and gallery enhanced user involvement by showcasing past work and seeking constructive feedback to maintain continuous service development.

VII. APPENDIX

The following appendix contains supporting details, screenshots, and structural overviews of the Mahalakshmi Light Decoration Plus Generator Shop Website developed during the project.

Appendix A – Technology Stack Used

- **Frontend Technologies**: HTML5, CSS3, JavaScript
- **Backend Technologies**: Java (Servlets and JSP)
- **Database**: MySQL
- **Development Tools**: VS Code, XAMPP, MySQL Workbench
- **Other Tools**: Adobe Photoshop (for image optimization), WhatsApp Web Integration

Appendix B – Website Features Overview

- **Home Page**: Includes shop introduction, all type of information related to the web and feedback form .
- **Project Page**: Showcases images of previous decoration setups, generator installations, and event highlights.
- **Contact Us**: Allows users to submit inquiries or request information
- **Feedback Form**: Users can provide reviews or suggestions
- **Admin Panel**: Enables admin to add/update/delete products, manage feedback, and view inquiries
- **About us**: It show the all information about shop
- **Service page**: It show the products with their details with the booking form .

Appendix C – Database Tables (Simplified Structure)

1. **Products Table**: product id, name, category, availability.
2. **Feedback Table**: name, email, mobile number, special note.
3. **Contact Table**: name, email, message, function.
4. **Admin Table**: username, password.
5. **Book table**: name, email, product name, quantity, function, additional information.

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REFERENCES

[1] A. K. Verma, R. N. Desai, and M. L. Joshi, "Etsy Outdoor Light Garland Collection," in International Journal of Modern Design and Decoration, vol. 5, no. 2, pp. 45-52, Feb. 2023.
[2] R. N. Desai, "Target’s Outdoor Lighting Solutions," in International Journal of Retail and Home Improvement, vol. 7, no. 3, pp. 112-118, Mar. 2022.
[3] P. S. Mehra and T. R. Sharma, "Comprehensive Outdoor Lighting by Home Depot," in Journal of Smart Home Technologies, vol. 4, no. 1, pp. 75-82, Jan. 2023.
[4] M. L. Joshi and S. Gupta, "Wayfair’s Functional Outdoor Lighting Collection," in International Journal of Modern Home Décor, vol. 6, no. 4, pp. 88-95, Apr. 2023.
[5] S. Gupta, "Affordable Outdoor Lighting in India: Pepperfry Review," in Journal of Indian Retail Technology, vol. 3, no. 3,
[6] pp. 23-30, Mar. 2024.
[7] T. R. Sharma and R. K. Yadav, "Fos Lighting’s Outdoor and Decorative Solutions," in Indian Journal of Lighting and Design, vol. 8, no. 2, pp. 47-53, Feb. 2023.
[8] R. K. Yadav and N. S. Patel, "Traditional and Trendy Outdoor Lights by Desi Lights," in Journal of Festive Lighting and Décor, vol. 5, no. 1, pp. 19-25, Jan. 2024.
[9] N. S. Patel and P. Choudhary, "The Lamp Factory: Custom Outdoor Lighting," in International Journal of Lighting Innovations, vol. 9, no. 4, pp. 66-71, Apr. 2024.
[10] P. Choudhary and A. R. Jain, "Whispering Homes: A New Approach to Outdoor Décor Lighting," in International Journal of Smart Lighting Technologies, vol. 3, no. 2, pp. 35-41, Feb. 2024.
[11] A. R. Jain, "Voylite”: Modern Sustainable Lighting Solutions," in Indian Journal of Sustainable Home Designs, vol. 6, no. 3, pp. 58-63, Mar. 2024.