

A Modified Way of Event Management -Heventus Midway

Angel Barakka J¹, Kailash G², Ganeshram G³, Nagaraj G⁴, Anishkumar S⁵

¹*Assistant Professor, Computer Science and Business Systems, Sri Sairam Engineering College, Chennai, Tamil Nadu, India*

^{2,3,4,5}*UG student, Computer Science and Business Systems, Sri Sairam Engineering College, Chennai, Tamil Nadu, India*

Abstract—Heventus Midway redefines traditional event management by integrating a real-time bidding system that offers transparency, cost optimization, and increased vendor accountability. This platform is designed to serve a broad spectrum of events, including weddings, business conferences, religious ceremonies, and personal parties. The bidding model ensures that event organizers receive competitive offers from multiple vendors, fostering a transparent and cost-efficient environment. For individual services like catering, photography, or entertainment, Heventus Midway offers a simplified coordination system without the need for bidding. This approach not only streamlines the planning process but also empowers clients to make informed decisions that align with their budget and event goals. By enabling real-time collaboration between organizers and vendors, Heventus Midway transforms the way events are planned and executed, making it an ideal solution for both small and large-scale events.

The platform's innovative design allows for real-time decision-making and dynamic adjustments, ensuring that clients have the flexibility to modify their event requirements as new opportunities arise. Moreover, Heventus Midway's user-friendly interface simplifies the entire event management process, ensuring that users, whether first-timers or experienced planners, can easily navigate through the platform. By incorporating advanced technologies like automated bidding, vendor verification, and streamlined communication tools, the platform aims to improve both the efficiency and the satisfaction of event management for organizers and vendors alike. In addition to improving cost-efficiency, Heventus Midway helps foster trust and transparency in the event planning process, ensuring that both clients and service providers have clear expectations and deliverables.

I. INTRODUCTION

A. Objective

The landscape of event management is evolving

rapidly, with an increasing demand for digital solutions that offer both flexibility and efficiency. Organizing an event typically requires coordinating multiple services, vendors, and logistics, which can often be complex and time-consuming. Heventus Midway simplifies this process by offering a dual-module structure. The first module allows users to manage the entire event through a competitive bidding system, where multiple vendors compete for each service. The second module, for individual service management, allows users to select pre-vetted vendors for specific event needs, providing flexibility without compromising quality. This flexibility is crucial in an industry that demands personalized and efficient solutions for a wide array of occasions.

Event types can vary greatly, from intimate gatherings to grand corporate functions, and each event comes with its own set of requirements. Heventus Midway recognizes the importance of catering to different client needs by providing both end-to-end event management services and targeted solutions for specific aspects of event planning. Whether clients need comprehensive event planning assistance or only require particular services, the platform accommodates both scenarios seamlessly. By centralizing vendor management, budgeting, and event coordination in one platform, Heventus Midway helps streamline the entire process, reducing the administrative burden on organizers and enhancing the overall event experience for clients.

B. Motivation

The traditional event management industry often suffers from inefficiencies such as lack of pricing transparency, limited vendor options, and fragmented service delivery. Clients are often forced to rely on

traditional vendor packages, which can be inflexible and more expensive than necessary. Additionally, without a competitive pricing model, vendors may not have strong incentives to offer their best prices or quality services. This is the problem that Heventus Midway aims to address by introducing a real-time bidding system. The platform creates a competitive environment where vendors can bid for services, ensuring that the best prices and services are offered, ultimately benefiting the client. Furthermore, the flexibility offered by Heventus Midway makes it stand out in a crowded event management landscape. The platform recognizes that not all clients wish to engage with every aspect of an event through bidding, particularly when it comes to individual services like catering or photography. In these cases, Heventus Midway provides access to a pre-vetted list of high-quality service providers, allowing clients to handpick the vendors that best meet their specific needs. This flexibility to choose between competitive bidding for full event management or curated service providers for individual needs makes Heventus Midway a versatile and attractive solution for a variety of event types.

C. Relevance of the project

Heventus Midway is highly relevant in the current event management landscape due to its dual approach and adaptability to different types of events. The increasing demand for personalized event solutions makes platforms like Heventus Midway essential for modern event planning. Whether it's a small birthday celebration or a large corporate conference, organizers often seek cost-effective ways to manage their events without compromising on quality. The bidding system helps reduce event costs by encouraging competition, while the curated vendor options for individual services ensure high-quality results. This blend of affordability and reliability makes the platform ideal for a broad range of clients and event types. The project's relevance extends beyond individual or personal events into larger organizational needs, particularly for businesses looking to host conferences, seminars, or large gatherings. For corporate events, managing budgets and vendor relationships efficiently is crucial, and Heventus Midway provides a solution that combines technology with strategic event management practices. The platform's ability to handle both full-

scale event planning and specific service requirements means that it can cater to a wide audience—from individual users to businesses and organizations, making it a versatile and powerful tool in the event management industry.

D. Design Methodologies

Heventus Midway employs a user-centric design approach, ensuring that the platform meets the varied needs of event organizers. The design focuses on two primary functionalities: full event management with a competitive bidding system and single-service management without bidding. The full-event management module is built on an algorithm that matches event requirements with the best-suited vendor bids, ensuring cost-efficiency and service optimization. Vendors submit bids in real time, and organizers can select the best options based on budget, quality, and availability. This algorithmic approach ensures transparency and fairness, helping users make data-driven decisions.

The platform's single-service management module relies on a database of vetted vendors who have been thoroughly assessed for reliability and quality. This ensures that clients have access to trustworthy providers, even when they choose not to use the bidding system. To make the platform easy to navigate, Heventus Midway includes an intuitive user interface that guides users through the event planning process, making it accessible to both novices and experienced planners. A secure backend system protects users' data and ensures that payment transactions are processed smoothly. By incorporating continuous feedback from users, Heventus Midway adapts and improves over time, maintaining high standards of functionality and reliability.

II. RELATED WORKS

Heventus Midway employs a user-centric design approach, ensuring that the platform meets the varied needs of event organizers. The design focuses on two primary functionalities: full event management with a competitive bidding system and single-service management without bidding. The full-event management module is built on an algorithm that matches event requirements with the best-suited vendor bids, ensuring cost-efficiency and service optimization. Vendors submit bids in real time, and

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III.EXISTING AND PROPOSED

A. Existing system:

Several existing event management platforms, such as Eventbrite and Cvent, focus primarily on ticketing and attendee management but lack features for dynamic vendor coordination and competitive pricing. These platforms are well-suited for managing large numbers of attendees and ensuring smooth event logistics but fall short when it comes to organizing smaller, more personalized events where cost and service selection are key priorities. While platforms like Upwork and Freelancer provide bidding systems, they are tailored for freelancing and project-based work rather than event planning, making them less relevant for the specific needs of event organizers.

B. Proposed solution:

Heventus Midway fills the gap between these two types of platforms by offering a unique combination of features designed specifically for event management. Unlike Eventbrite or Cvent, Heventus Midway offers a competitive bidding system for entire events, which helps organizers save costs and improve the quality of service. In contrast to freelancing platforms, Heventus Midway is not limited to individual services or freelance work; it allows for comprehensive event planning, including vendor selection, budget management, and logistics. By

offering a bidding model for full-event management and a curated service selection for specific needs, Heventus Midway provides a versatile and innovative solution that stands apart from existing event management solutions.

Existing System Current event management systems generally focus on either offering a fixed vendor package or a limited selection of individual services. This inflexibility can make it difficult for clients to customize their events according to specific preferences, budgets, and requirements. Some platforms, like Eventbrite, are primarily focused on ticketing and registration, making them unsuitable for organizers who need a more holistic solution for vendor coordination and event management. Others, like Cvent, provide event planning tools, but they also rely on predefined vendor packages, leaving little room for customization or competitive pricing. Heventus Midway addresses these issues by providing a flexible and adaptive platform that allows users to choose between full event management with real-time bidding or individual service management without bidding. For clients who want to manage their entire event dynamically, the bidding system ensures that they receive competitive pricing, while the single-service module guarantees high-quality, pre-vetted vendors for specific tasks. This dual functionality sets Heventus Midway apart from existing systems, offering an all-in-one solution that can meet the needs of both personal and corporate clients, all while ensuring cost-efficiency and service excellence.

III. CONCLUSION

Heventus Midway stands out as a revolutionary tool in the event management space, combining the benefits of a competitive bidding system with the flexibility of individual service coordination. The platform is designed to cater to a wide range of events, from small gatherings to large conferences, ensuring that clients can manage their events efficiently and cost-effectively. The dual approach—full event management with bidding and single-service coordination without bidding—makes the platform adaptable to various event types and user preferences. As the platform continues to evolve, it promises to become a game-changer for the event management industry, offering organizers a comprehensive and user-friendly solution. By creating a transparent and competitive environment for event vendors, Heventus

Midway ensures that organizers get the best value for their money while maintaining control over the event's quality and execution. For vendors, the bidding system offers new opportunities for business growth and exposure, while the curated service options help ensure high standards. The future potential of Heventus Midway is immense, as it continues to refine its platform to meet the needs of modern event planners, integrating technologies like AI, blockchain, and virtual event tools to stay ahead of the curve.

IV. FUTURE ENHANCEMENT

To further enhance the platform, several advanced features are planned for future development. Integrating Artificial Intelligence (AI) for personalized vendor recommendations and predictive budget analytics will help users make more informed decisions. Blockchain technology could also be introduced to ensure secure contract management and transparent transactions, fostering trust between organizers and vendors.

Additionally, the platform can be expanded to support virtual and hybrid events, which have gained popularity in recent years. Features such as virtual venue tours, real-time attendee interactions, and digital collaboration tools will make Heventus Midway an all-encompassing solution for modern event management needs.

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