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CHAPTER – 2

LITERATURE REVIEW

Ramesh et al. [1] proposed a web-based college fest management system that aimed to digitalize event planning and coordination. The system introduced automated participant registration, event scheduling, and real-time updates to streamline the fest organization process. A key challenge identified was ensuring smooth communication between different stakeholders, such as students, organizers, and judges.

Sharma & Gupta [2] proposed a role-based access control system for college event management, ensuring that only authorized personnel could update event details. This system reduced data inconsistencies and prevented unauthorized modifications. Additionally, the study highlighted the importance of integrating cloud-based storage to maintain fest-related records securely.

Patel et al. [3] proposed a cloud-based mobile application for college event management. The system provided a seamless user experience by offering mobile accessibility, automated notifications, and live event tracking. The research emphasized the advantages of cloud-based infrastructure in reducing dependency on local servers and improving data availability.

Kouhizadeh et al. [4] proposed an analysis of blockchain’s impact on sustainable event management. The study pointed out scalability concerns

and the technical expertise required for successful blockchain implementation. The authors suggested hybrid models that combine traditional databases with blockchain to balance security and efficiency.

Zhang et al. [5] proposed a study on privacy and security challenges in blockchain-based educational systems. The paper discussed legal considerations regarding data protection, emphasizing the need for compliance with privacy regulations when storing student and event-related information on a decentralized ledger.

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