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**INVOICE GENERATOR**

**MINI PROJECT REPORT ON**

**DATABASE MANAGEMENT SYSTEM**

**Submitted by**

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**In partial fulfilment for the award of the degree of**

**BACHELOR OF TECHNOLOGY**

**IN**

**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

**RAJALAKSHMI ENGINEERING COLLEGE (AUTONOMOUS)**

**THANDALAM**

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**BONAFIDE CERTIFICATE**

Certified that this project report “**Invoice generator**” is the Bonafide work of “**Adharsh S (231501006), Amirtha Raja Rajeswari N A (231501012), Ishana S (231501063), Dilip Kannan K (231501040)**” who carried out the project work under my supervision.

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**INTERNAL EXAMINER                                          EXTERNAL EXAMINER**

**ABSTRACT**

This project presents the development of an Invoice Generating Database Management System (DBMS), designed to streamline and automate the invoicing process for small to medium-sized enterprises. Utilizing tools such as PostgreSQL for database management, Node js for backend development, and React for the frontend interface, the system enhances efficiency, accuracy, and user experience by providing a robust platform for invoice creation, management, and storage.

The proposed DBMS features a user-friendly interface that allows users to generate invoices quickly, customize them with business branding, and manage client information effectively. Key functionalities include adding, editing, and deleting invoice entries, tracking payment statuses, and generating detailed financial reports.

The underlying database, built on a relational model, ensures data integrity and facilitates complex queries to retrieve relevant information easily. The system also incorporates security measures to protect sensitive client and transaction data.

This project simplifies the invoicing workflow and contributes to better financial management practices within organizations. Automating repetitive tasks and minimizing errors, the Invoice Generating DBMS allows businesses to focus on their core operations and improve overall productivity.

In summary, the Invoice Generating DBMS represents a significant step towards digital transformation in invoicing, providing a scalable solution tailored to the needs of modern enterprises.

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