# **ACKNOWLEDGEMENT**

We would like to place on record our sincere thanks and gratitude to the concerned people, whose suggestions and words of encouragement have been valuable.

We express our heartfelt gratitude to **BNM Institute of Technology**, for giving us the opportunity to pursue a Degree of **Computer Science & Engineering,** and helping us to shape our career. We take this opportunity to thank **Prof. T. J. Rama Murthy**, Director, **Dr. S.Y. Kulkarni,** Additional Director**, Prof. Eishwar N Maanay,** Dean and **Dr. Krishnamurthy G.N.,** Principal for their support and encouragement to pursue this project. We would like to thank **Dr Chayadevi M L,** Professor and Head, Dept. of Computer Science and Engineering, for her support and encouragement.

We would like to thank our Guide **Dr. Rajashree S,** Associate Professor**,** Dept. of Computer Science and Engineering**,** who has been the source of inspiration throughout our project work and has provided us with useful information at every stage of our project.

Finally, we are thankful to all the teaching and non-teaching staff of the Department of Computer Science and Engineering for their help in the successful completion of our project. Last but not the least we would like to extend our sincere gratitude to our parents and all our friends who were a constant source of inspiration.

**ABSTRACT**

In the dynamic landscape of the modern hospitality industry, efficient hotel management is a key determinant of success.

This system is designed to meet the multifaceted needs of hotels, including small boutique inns and large luxury resorts. It encompasses a wide array of functionalities to address the various aspects of hotel management. The core features of the system include reservation management, check-in/check-out processes, billing and invoicing.

One of the key strengths of the system lies in its ability to seamlessly manage reservations. The user-friendly interface allows hotel staff to effortlessly create, modify, and cancel reservations. It keeps track of room availability in real-time and ensures that room assignments align with guest preferences and any special requests, such as room type, bed preference, or view. This not only enhances the guest experience but also optimizes room occupancy, thus increasing revenue for the hotel.

Check-in and check-out procedures are streamlined, reducing wait times for guests. The system automates the process of collecting guest information and verifying reservations, resulting in a smoother and more efficient arrival and departure experience. Billing and invoicing are similarly automated, taking into account any additional services or charges, and providing guests with detailed bills for transparency and accuracy.

The heart of the system is its database, where all guest information and transaction records are securely stored. Data security and integrity are paramount, and the system incorporates robust encryption and access controls to safeguard sensitive information.

In conclusion, the Hotel Management System using Java and a relational database represents a significant advancement in the field of hotel management. By leveraging modern technology, it empowers hotels to operate more efficiently, enhance guest experiences, and gain a competitive edge in the industry. As hotels continue to evolve to meet the ever-changing demands of travelers, this system serves as a valuable tool to meet these challenges and exceed guest expectations.

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