FINAL YEAR PROJECT REPORT

MASJID DIGITALIZATION

In fulfillment of the requirement
For degree of
BS (COMPUTER SCIENCES)

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SPRING-2023

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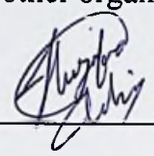
We now state that everything in this project report, with the exception of the citations and quotations that have been properly recognised, is our own original work. We further certify that it hasn't been presented for any degree or award at Bahria University or any other organisations in the past or concurrently.

Signature : 

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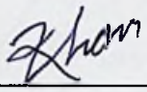
Signature : 

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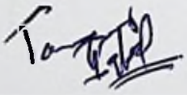
Signature : 

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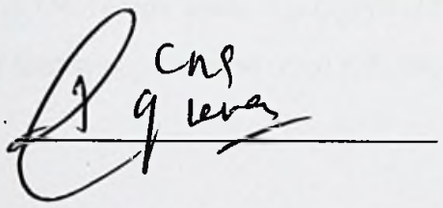
Signature : 

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Specially dedicated to

My beloved Parents

(Syed Tauqeer Iqbal)

My beloved Parents

(Muhammad Nouman Khan)

My beloved Parents

(Huzaifa Elahi)

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We want to express our gratitude to everyone who helped us complete this project successfully. My research supervisor, Madam Fasiha Ikram, has my sincere gratitude for her helpful counsel, direction, and unwavering patience during the course of completion of this project

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MASJID DIGITALIZATION

ABSTRACT

Mobile gadgets, such as smartphones, tablets, and PDAs, have become an essential component of our daily lives. Due to their widespread use, the creation of religious applications has accelerated, providing simple access to religious resources and tools.

This project aims to provide a comprehensive overview of modernizing mosque operations by integrating technology. It encompasses digitizing various aspects of mosque management, including membership registration. React Native serves as the programming language for functionality, while Firebase acts as the database for data storage. Integration of different APIs enhances the application's functionality and user experience. The project also addresses potential challenges and provides recommendations for overcoming them.

By leveraging mobile technology, this project strives to streamline mosque operations, facilitate access to religious information, and provide a user-friendly experience. Through the integration of modern tools and techniques, mosques can embrace the digital era while preserving their traditional values.

Moreover, the project emphasizes the importance of technology in simplifying administrative tasks and fostering community engagement. It serves as a practical guide for mosques looking to adapt to the digital landscape while staying true to their core principles.

This project offers a comprehensive roadmap for modernizing mosque operations through technology integration. It highlights the significance of mobile devices and innovative solutions in enhancing accessibility, optimizing management processes, and strengthening community bonds. By acknowledging potential challenges and implementing recommended strategies, mosques can effectively embrace technology, ensuring a harmonious blend of tradition and progress.

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