

Abstraction

This project report presents the development of an Online Banking System using HTML, CSS, and JavaScript, aimed at providing a comprehensive guide for creating a user-friendly and secure digital banking platform. Online banking has emerged as a fundamental component of modern financial services, offering customers the convenience of managing their accounts and conducting transactions remotely via web interfaces.

Structured into distinct chapters, the report navigates through various aspects of the Online Banking System's design and implementation. It begins with an overview of online banking concepts, highlighting its importance in facilitating seamless financial transactions and enhancing customer convenience.

The subsequent chapters delve into the utilization of HTML and CSS for designing the visual layout and styling of the banking interface. Through detailed examples and code snippets, the report demonstrates how HTML markup and CSS stylesheets are leveraged to create intuitive user interfaces, ensuring consistency and accessibility across different browsers and devices.

A significant focus of the report is devoted to the integration of JavaScript to enhance the functionality and interactivity of the Online Banking System. JavaScript is employed to implement dynamic features such as form validation, interactive menus, and real-time data updates, enriching the user experience and facilitating seamless transaction processing.

Security considerations form a crucial aspect of the project, with emphasis placed on implementing robust authentication mechanisms and encryption protocols using JavaScript. Strategies for safeguarding sensitive user information and mitigating cybersecurity risks are

elucidated to ensure the integrity and confidentiality of customer data within the Online Banking System.

Furthermore, the report provides practical insights into the implementation of key banking features, including account management, transaction history, fund transfers, and balance inquiries, utilizing HTML, CSS, and JavaScript effectively.

By following the guidelines outlined in this project report, developers and banking institutions can create secure, user-friendly, and accessible online banking solutions tailored to the needs of modern customers. The report serves as a valuable resource for fostering financial inclusion and promoting digital innovation in the banking sector.

STUDENT'S DECLARATION

I hereby certify that the work presented in the project report titled "Online Banking System" fulfils the requirements for the degree of Master of Computer Science at Kanya Mahavidyalaya, Kharkhoda, MDU (Rohtak), Haryana. The project was completed during the final year of the M.Sc. (Computer Science) program and represents our authentic efforts.

Date:

Signature of Candidate:

Head of Department

Dr. Ramesh Saini

Project Guide:

Mrs Preeti

Certificate from the supervision

Computer Department

Certified that this Project entitled "Online Banking" submitted in partial fulfilment of the degree of Master's of Science (M.Sc.) to Kanya Mahavidyalaya, Kharkhoda, by Nisha, Roll No. [Roll Number], is an authentic work carried out by her under my guidance. The matter embodied in this Project Report has not been submitted earlier for the award of any degree or diploma to the best of my knowledge and belief.

Signature of the Student.

Signature of the Project In charge/Guide.

ACKNOWLEDGMENT

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Furthermore, I acknowledge the contributions of my professors and faculty members, whose teachings and guidance have enriched my understanding and skills in the field of computer science. Their encouragement and feedback have played a significant role in the successful completion of this project.

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Nisha