FINAL YEAR PROJECT REPORT

CRYPTOVEST ADVISOR

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

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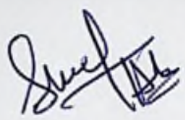
SPRING-2024

DECLARATION

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

Signature : 

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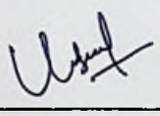
Signature : 

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We certify that this project report entitled **"CRYPTOVEST ADVISOR"** was prepared by **Syed Shayan Ahmed, Muhammad Hasnain,** and **Usman Rashid** has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of **BSCS** at Bahria University.

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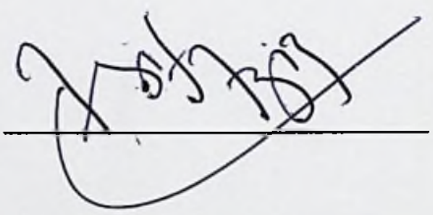
Signature : 

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ACKNOWLEDGEMENTS

We would like to thank everyone who had contributed to the successful completion of this project. We would like to express my gratitude to my project supervisor, Dr ASIF AZIZ for his invaluable advice, guidance and his enormous patience throughout the development of the research.

In addition, we would also like to express our gratitude to our loving parents and friends who have helped and given us encouragement.

ABSTRACT

The "Cryptovest Advisor" project introduces an innovative and forward-thinking approach to cryptocurrency investment by leveraging real-time data and advanced predictive analytics to forecast future cryptocurrency prices. In the volatile and dynamic world of digital assets, making timely and accurate investment decisions is paramount. The platform utilizes advanced machine learning algorithms to identify patterns, correlations, and anomalies within the cryptocurrency market. By learning from historical data and adapting to emerging trends, Cryptovest Advisor enhances its predictive capabilities, offering users a reliable tool for forecasting future price movements. Cryptovest Advisor harnesses machine learning and data analytics for precise cryptocurrency price predictions. Using machine learning models such as Prophet and Additive Regression Model, the platform continuously monitors and analyses real-time data. This enhances its predictive capabilities, offering users a reliable tool for forecasting future price movements. The project involves AI model implementation, API integration, designing an intuitive user interface, and deploying the web application for public access. To provide its user with information that is carefully analysed and put together for better decision making.

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