FINAL YEAR PROJECT REPORT

DOTEX

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

By

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SUPERVISED

BY

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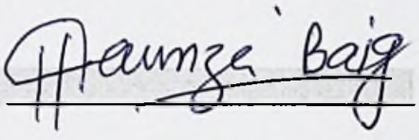
BAHRIA UNIVERSITY (KARACHI CAMPUS)

FALL-2022

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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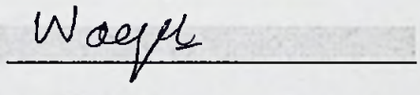
Signature : 

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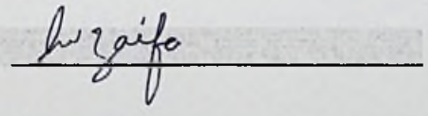
Signature : 

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APPROVAL FOR SUBMISSION

We certify that this project report entitled **"DOTEX"** was prepared by **Muhammad Hamza Bilal Baig, Huzaifa Awais and Waqar Shahid** and has met the required standard for submission in partial fulfillment of the requirements for the award of Bachelor of **Computer Science** at Bahria University.

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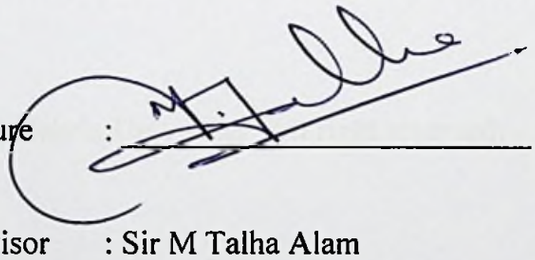
Signature : 

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Date : 9/1/23

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 research supervisor, Mr Talha Alam 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 parent and friends who had helped and gave us encouragement.

ABSTRACT

Most of the people in the world uses multiple social media apps. The need of a social media app that have all the most useful features of different social media apps in one is needed. Dotex is a cross platform social media app. This app is designed to provide all the useful features of different social media app in one single app the peoples use in their day to day lives. By using Dotex, the peoples can chat, make voice rooms, share reels and photos with their friend and families. We have also implemented search module that allows the users to find each other with ease. The news feed contains all the post made by the peoples that you are following and all the peoples that are following you will be able to see your posts. The main purpose of this app is to provide a social media platform for peoples so they can monetize and share their content in their communities and in the peoples without problems. The app can be used casually and professionally depending on your workstyle. Social media is greatly used all around the world and it greatly influences the lifestyle of many peoples. Content creation is becoming a major hobby, past-time and jobs for peoples around the world. Dotex will provide a platform to all peoples around the world to monetize and share their content in an app which have all the useful features of different apps all over the market. This app is based on android and IOS where the front end is made on React Native. The backend is made on Node JS using Express. The database is based on Mongo DB and is available on the cloud platform of mongo DB Atlas. The socket Servers are made using Socket.IO and webRTC.

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