FINAL YEAR PROJECT REPORT

AMBUSERVE

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

By

AQSA ZULFIQAR	67710 (BSCS)
AMNA SULEMAN	67709 (BSCS)
MUHAMMAD WALEED	67744 (BSCS)

SUPERVISED

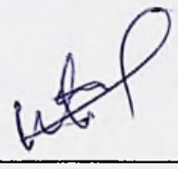
BY
MR. SHAHID KHAN

BAHRIA UNIVERSITY (KARACHI CAMPUS)

FALL-2023

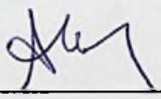
DECLARATION

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 : 

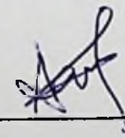
Name : Muhammad Waleed

Reg No. : 67744

Signature : 

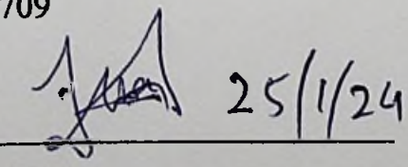
Name : Aqsa Zulfiqar

Reg No. : 67710

Signature : 

Name : Amna Suleman

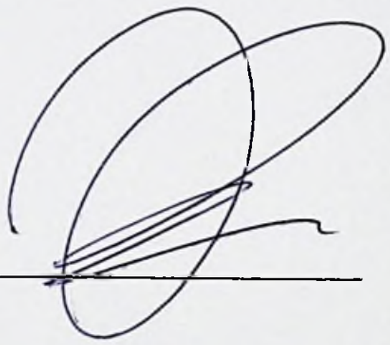
Reg No. : 67709

Date : 

APPROVAL FOR SUBMISSION

We certify that this project report entitled **"AMBUSERVE"** was prepared by Aqsa Zulfiqar, Amna Suleman and Muhammad Waleed has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Computer Science at Bahria University.

Approved by,

Signature : 

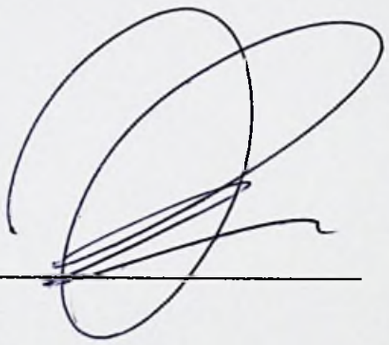
Supervisor : Mr. Shahid Khan

Date : 25/01/24

APPROVAL FOR SUBMISSION

We certify that this project report entitled **"AMBUSERVE"** was prepared by Aqsa Zulfiqar, Amna Suleman and Muhammad Waleed has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Computer Science at Bahria University.

Approved by,

Signature : 

Supervisor : Mr. Shahid Khan

Date : 25/01/24

ACKNOWLEDGEMENTS

We would like to thank everyone who had contributed to the successful completion of this project. We would like to express our gratitude to our supervisor, Mr. Shahid Khan for his invaluable advice, guidance and his enormous patience throughout the development of the project.

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

ABSTRACT

AmbuServe is an App for users where they can book an ambulance in emergency and non-emergency situations and the nearest ambulance available will arrive to them, using google application programming interface, the app will be able to guide the drivers to take the patient to the nearest hospital available to their location. Users will be able to check their ride details, like name of driver, approximate time of arrival and at the end of the ride, their payment details. Drivers will be able to connect with the app through the company registration since they add and manage ambulances, drivers will be able to accept the ride if they are available to the nearest location of users and following the shortest path dispatching user to the destination. There is an SOS emergency option available which will allocate nearest available ambulance and hospital to user by system. Our project was developed using MERN stack and web sockets.

TABLE OF CONTENT