



FINAL YEAR PROJECT REPORT

E-SPACE

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

By

SUMRAN TAHIR

67778 (BSCS)

SYED WAJAHAT ALI

67749 (BSCS)

SYED ABDUL SAMAD

67715 (BSCS)

SUPERVISED

BY

MR. MUHAMMAD SHAHID KHAN

BAHRIA UNIVERSITY (KARACHI CAMPUS)

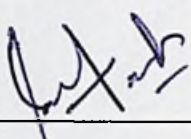
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We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award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

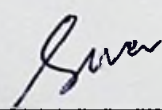
Name : Sumran Tahir

Reg No. : 67778 Enrollment No. : 02-134201-095

Signature : 

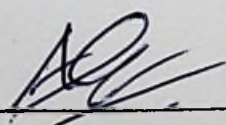
Name : Syed Wajahat Ali

Reg No. : 67749 Enrollment No. : 02-134201-060

Signature : 

Name : Syed AbdulSamad

Reg No. : 67715 Enrollment No. : 02-134201-021

Signature : 

Date : 18 - Jan - 24

APPROVAL FOR SUBMISSION

I/We certify that this project report entitled "E-SPACE" was prepared by **SYED WAJAHAT ALI, SUMRAN TAHIR** and **SYED ABDULSAMAD** 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. Muhammad Shahid Khan

Date :

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Specially dedicated to

My beloved grandmother, mother and father

Syed Wajahat Ali

My beloved grandmother, mother and father

Sumran Tahir

My beloved grandmother, mother and father

Syed Abdul Samad

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We would like to extend my heartfelt gratitude to all those who played a pivotal role in bringing this project to fruition. Firstly, I want to express my deepest appreciation to my esteemed mentor, Mr. Muhammad Shahid Khan, whose unwavering guidance, insightful advice, and boundless patience were invaluable throughout every phase of this project. Furthermore, we are indebted to our devoted family and supportive friends who provided unwavering encouragement and assistance. Their belief in this endeavor has been a wellspring of motivation and strength. The collective effort, dedication, and expertise contributed by all those involved have been instrumental in the successful completion of this project. Each individual's unique contribution, whether big or small, has left an indelible mark, and for that, we are profoundly thankful.

E-SPACE

ABSTRACT

In response to the dynamic landscape of education and the growing demand for flexible learning environments, we designed online teaching solution to enhance the educational experience for both teachers and students. At its core, our platform boasts a user-friendly interface that seamlessly integrates a Learning Management System (LMS). This innovative integration empowers educators and learners alike to effortlessly upload and download assignments, quizzes, and lectures in real time, fostering a dynamic and interactive learning environment. One of the standout features is a dedicated mobile application, ensuring students receive timely notifications for newly uploaded assignments, lectures, or quizzes by their instructors. This app serves as a centralized hub for users to conveniently manage all LMS operations, streamlining the educational process. Additionally, the system incorporates an attendance analysis, providing a hassle free and efficient way to monitor student engagement. Overall, this comprehensive online teaching solution addresses the diverse needs of both teachers and students, fostering an enriched and streamlined educational journey.

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