



FINAL YEAR PROJECT REPORT

**ONLINE TRAININGS PLATFORM FOR
PROFESSIONAL DEVELOPMENT AND
CAREER GROWTH**

**In fulfillment of the requirement
For degree of
BS (Information Technology)**

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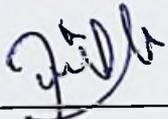
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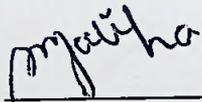
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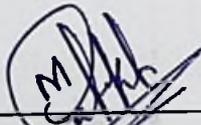
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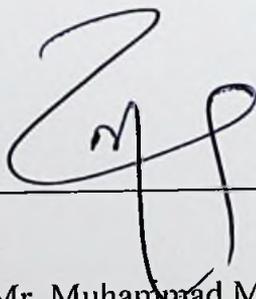
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APPROVAL FOR SUBMISSION

I certify that this project report entitled **“ONLINE TRAINING PLATFORM FOR PROFESSIONAL DEVELOPMENT AND CAREER GROWTH”** was prepared by Shoab Arif, Maleeha Masood and Mahrukh Saeed have met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Information Technology at Bahria University.

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Specially dedicated this to
Our beloved Parents, Teachers and Friends
Muhammad Sohaib Arif, Maleeha Masood, Mahrukh Saeed

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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, Mr. Muhammad Marouf for his invaluable advice, guidance and his enormous patience throughout the development of the entitled project.

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ONLINE TRAINING PLATFORM FOR PROFESSIONAL DEVELOPMENT AND CAREER GROWTH

ABSTRACT

E-Training, defined as the use of information and communications technology (ICT) for supporting the educational process, has motivated Pakistan to apply ICT in its educational systems. Pakistan's higher and secondary level educational institutes which are geographically and socially isolated face several problems, including challenges pertaining to the acquisition of study materials, and making the commute to travel to the educational institutions themselves. These issues, in turn, result in the country's stagnant national literacy rate that we see today, with approximately 60% of the population being categorized as illiterate. While the world makes advancements towards science and technology, Pakistan takes a back seat. [18]

The research done against the proposed system reinforces the idea to make learning accessible to anyone, anywhere. We aim to develop an interactive e-training and learning management system (e-TLMS) to be used by Pakistan's institutes. The research for our Online Training Platform for Development & Career Growth (OTPDCG) system is aimed at supporting teaching, training, and learning functions by allowing for the creation and storage of learning materials, making them available, easily accessible, and sharable by students or trainees from different institutes of the country. OTPDCG's implementation makes use of open-source LMS to help generate a timely solution for its system development. In this specific context, focus group discussion as inspired by action research methodology was used. The research evolved into a triple helix process in close cooperation with other stakeholders. The development of the e-TLMS system made use of software engineering discipline finally, it is considered that replication and mirroring will make learning materials highly available to end-users. [19]

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