FINAL YEAR PROJECT REPORT

E-BOOK RECOMMENDATION SYSTEM

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

By

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SUPERVISED

BY

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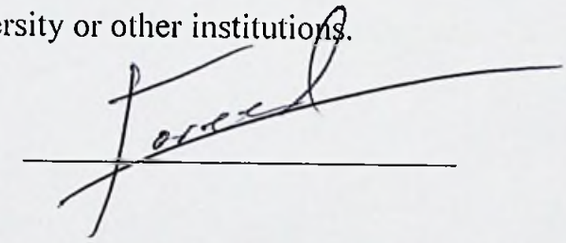
BAHRIA UNIVERSITY (KARACHI CAMPUS)

Spring-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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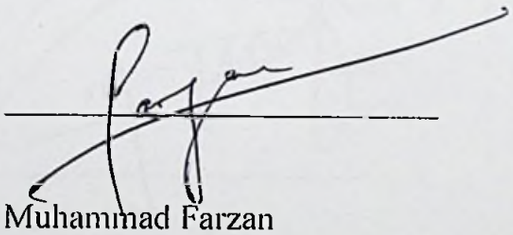
Signature : 

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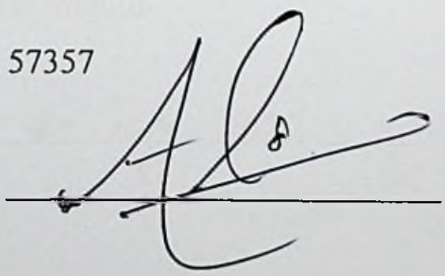
Signature : 

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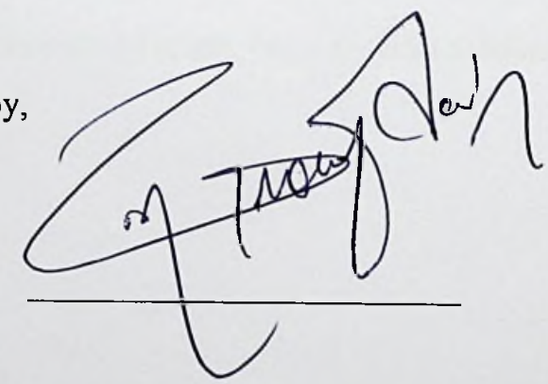
APPROVAL FOR SUBMISSION

We certify this project report entitled **"E-BOOK RECOMMENDATION SYSTEM."** was prepared by **Muhammad Farzan, Fareed Uddin Siddiqui, and Syed Ali Dilawar Shah** has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of **BS-IT** at Bahria University.

Approved by,



Signature : _____

Supervisor: Sir Marouf

Date : 6- July -2022

Specially dedicated to

my beloved mother, father and supervisor

(Fareed Uddin Siddiqui)

my beloved mother, father and supervisor

(Muhammad Farzan)

my beloved mother, father and supervisor

(Syed Ali Dilawar Shah)

ACKNOWLEDGEMENTS

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

E-BOOK RECOMMENDATION SYSTEM.

ABSTRACT

Today how much data on the web develops quickly and individuals need a few instruments to find and access suitable data. One of such techniques is known as a recommendation system. Recommendation systems help to explore rapidly and get fundamental data. For the most part they are utilised in Internet shops to expand the benefit. This report explores different techniques used for the recommendation of a book. Different stages involve signup & sign in for buying books, reading books, payment option is included and by the liking of the user this system suggests the books. The final product will use php for frontend and backend and python for recommending books.

This project uses the Artificial Neural Network technique to develop the software. The main advantage of using this recommendation system is to make it easier to find a good book to teach his/her students as we know that there are a lot of books over the internet and sometimes readers cannot choose which book is more suitable for him or for his/her students.

We use Python to calculate a numeric value that denotes the similarity between two books. Cosine Similarity is a function that returns the 20 most similar books based on the cosine similarity score.

The application is user friendly and is very beneficial for readers. Our main aim to reduce time of finding appropriate book in respective field.

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