



FINAL YEAR PROJECT REPORT

FLORA EXPLORE A COMPREHENSIVE PLANT ENTHUSIAST'S HUB

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

By

SAJID ALI

70158 (BSCS)

NOOR MUHAMMAD

70154 (BSCS)

USAMA KASHIF

70126 (BSCS)

SUPERVISED

BY

MISS. AZEEMA SADIA

BAHRIA UNIVERSITY (KARACHI CAMPUS)

SPRING-2024

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 : Sajid.

Name : Sajid Ali

Reg No. : 70158

Signature : Noor

Name : Noor Muhammad

Reg No. : 70154

Signature : Usama Kashif

Name : Usama Kashif

Reg No. : 70126

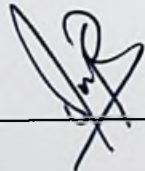
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APPROVAL FOR SUBMISSION

We certify that this project report entitled “**Flora Explore, A Comprehensive Plant Enthusiast’s Hub**” was prepared by **SAJID ALI, NOOR MUHAMMAD, USAMA KASHIF** has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Science in **Computer Science** at Bahria University, Karachi.

Approved by,

Signature :



Supervisor: **Madam Azeema Sadia**

Date : 12/06/2024

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Specially dedicated to

My beloved grandmother, mother and father

(Sajid Ali)

My beloved grandmother, mother and father

(Noor Muhammad)

My beloved grandmother, mother and father

(Usama Kashif)

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Flora Explore
A Comprehensive Plant Enthusiast's Hub

ABSTRACT

The "Flora Explore" is a pioneering digital platform meticulously crafted for plant lovers and gardening enthusiasts. It seamlessly blends technology and nature, forming a dynamic online community that not only nurtures a profound love for plants but also champions sustainability. At its core, this platform is more than just an app; it's a commitment to cultivating a greener, more connected future. Key highlights include a robust marketplace that collaborates with local nurseries, harnessing cutting-edge technologies like computer vision for plant species identification, and employing AI- driven chatbots to provide personalized plant care guidance. The ultimate mission of this project is to bridge the gap between urban living and the natural world, inspiring a deeper connection with nature's wonders. By fostering a passion for plants and promoting sustainable practices, the "Flora Explore" seeks to contribute to a healthier planet and invites plant enthusiasts to embark on this transformative journey towards a greener, more sustainable world.

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