



FINAL YEAR PROJECT REPORT
COVID-19 HOSPITAL TEST & BOOKING
APPLICATION

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

By

HUMAYUN SHAKEEL
M. USAMA YOUSUF
ADNAN KHALID

54083 BSCS
54154 BSCS
54118 BSCS

SUPERVISED

BY

SIR.MUHAMMAD NOUMAN KHALID

BAHRIA UNIVERSITY (KARACHI CAMPUS)

FALL-2022

APPROVAL FOR SUBMISSION

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 : HUMAYUN SHAKEEL

Reg No. : 54083

Signature : _____

Name : MUHAMMAD USAMA YOUSUF

Reg No. : 54154

Date : _____

Name : ADNAN KHALID

Reg No. : 54118

Date : 26-January-2022

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ABSTRACT

The global pandemic of Covid-19 has posed substantial challenges to healthcare delivery. However, the time between seeking a test and receiving and acting on the results can be several days, leaving an infection window. Another issue is that people may transfer infection before noticing symptoms, which is a major driver of disease spread. Furthermore, some people who stay asymptomatic have a viral burden similar to those who show symptoms, which may contribute to the transmission of the virus, though the degree of this is unknown. Given the significance of pre-symptomatic or symptomatic infection, measures that reduce the time before testing and results are critical for reducing forward transmission. With large-scale PCR testing, this is impossible to achieve. Furthermore, only by collaborating united will we be capable of overcoming the pandemic's interrelated health, social, and economical repercussions and prevent it from growing into an extensive network and food security calamity, wiping out all progress gained thus far. The global epidemic of Covid-19 has posed a huge threat to healthcare service. We need to develop long-term, consistent policies to address the problems that both the health and agricultural industries are confronting. Prioritize fixing basic health concerns, tackling rural poverty, especially through creating more and better-paying employment within the rural sector, providing social support to everyone, promoting safe migration routes, and fostering the growth of the informal sector.

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