

FINAL YEAR PROJECT REPORT SHIFA – A COMPLETE HEALTHCARE APP

In fulfillment of the requirement

For degree of

ES (COMPUTER SCIENCES)

By

BILAL AHMED KHAN AMNA ALI TAHA MUJEEB ANSARI 57178 (BSCS) 57135 (BSCS) 57411 (BSCS)

SUPERVISED

BY

MISS AZEEMA SADIA

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:

Name: Taha Mujeeb Ansari

Reg No. : 57411

Signature:

Name : Amna Ali

Reg No. : 57135

Signature: Bild

Name : Bilal Ahmed Khan

Reg No. : 57178

Date : 6 - 7 - 2022

The copyright of this report belongs to Bahria University according to the Intellectual Property Policy of Bahria University BUORIC-P15 amended on April 2019. Due acknowledgement shall always be made of the use of any material contained in, or derived from, this report.

© 2022 Bahria University. All right reserved.

ACKNOWLEDGEMENTS

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 research supervisor, Miss Azeema for her invaluable advice, guidance and her enormous patience throughout the development of the research.

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

SHIFA - A COMPLETE HEALTHCARE APP

ABSTRACT

Our health care app provides a defined online health care system for health problems. This includes hospitals, patients and doctors to take the appointment for the hospitals/clinics with the feasibility to book online. In the times of viral disease, you can look up to Shifa-health care app and track down the top Doctors around you through your cell phone without waiting any longer. Our health care app allows hospitals/clinics to connect patients with doctors to deal with their treatment and comprehend when the patient visits any clinics. The patient could find out about the doctor's profile and their specialty, fee, area, book appointments as well as provide a rating after the appointment. The users of the app can access hospital and emergency services directory with a single touch thus providing easy access to all without any internet connection being required.

TABLE OF CONTENTS

DECLARATION 1	
APPROVAL FOR SUBMISSION 2	
ACKNOWLEDGEMENTS 4	
ABSTRACT 5	
TABLE OF CONTENTS 6	
LIST OF FIGURES 9	
LIST OF SYMBOLS / ABBREVIATIONS 1	0
CHAPTER 1 1	1
INTRODUCTION	1
1.1 Background	1
1.2 Problem statements	2
1.3 Aims and objectives	2
1.4 Scope of project	2
CHAPTER 2 1	4
LITERATURE REVIEW1	4
2.1 Analysing of similar system	4
2.2 Related work 1	4
2.3 Emerging of new era in mobile health	4
2.4 Functionalities of health care apps	5
2.5 Comparison between health care apps	7
2.6 Comparison table with existing study2	22
This is the comparison between different Health Care App and it is presented in	n
table 2.3	22
Table 2.3: Comparison between different health apps2	22
2.7 Types of doctors	23
2.8 Chapter summary	
CHAPTER 3 2	

DESIGN AND METHODOLOGY		25
3.1	Propose methodology (framework/architecture)	26
	Process model	
3.3	Project activity diagram	28
СНАРТ	ER 4	32
IMPL	EMENTATION	32
4.1	Module development	32
4.2	GUI and Source code	33
4.3	Result and discussion	<i>58</i>
СНАРТ	ER 5	59
TEST	ING AND EVALUATION	59
5.1	Test plan	59
5.2	Test cases and evaluation	59
СНАРТ	ER 6	62
CONC	CLUSION AND FUTURE WORK	62
6.1	Conclusion	62
6.2	Future work	62
6.3	Lessons learnt	62
REFE	RENCES	63
APPE	NDICES	65