



Bahria University
Discovering Knowledge

FINAL YEAR PROJECT REPORT
SHF WEB PAGE BUILDER
(WEBSITE BUILDING TOOL)

By


GHULAM FATIMA	(43830)
MUHAMMAD SUBAN FARRUKH	(43844)
MUHAMMAD HAMZA FAQI	(43858)

SUPERVISED BY
(MUHAMMAD NOMAN KHALID)

BAHRIA UNIVERSITY (KARACHI CAMPUS)

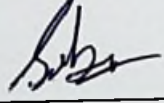
DECLARATION

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 : 

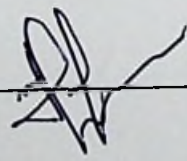
Name : Ghulam Fatima

Reg No. : 43830

Signature : 

Name : Muhammad Suban Farrukh

Reg No. : 43844

Signature : 

Name : Muhammad Hamza Faqi

Reg No. : 43858

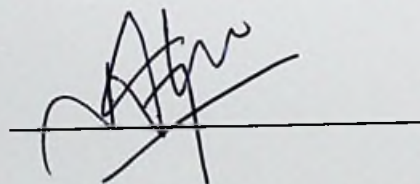
Date : 10-2-20

APPROVAL FOR SUBMISSION

We certify that this project report entitled "SHF WEB PAGE BUILDER" was prepared by FATIMA, SUBAN AND HAMZA has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Information Technology at Bahria University.

Approved by,

Signature :

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke at the end, written over a horizontal line.

Supervisor: ~~Dr/Mr/Miss/Madam~~ M. NOMAN

Date :

10/2/20

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.

© 2019 Bahria University. All right reserved.

ACKNOWLEDGEMENTS

We thank everyone who contributed to the successful completion of this project. We would like to proclaim our gratitude to our FYP supervisor, Mr Noman for his indispensable advice and guidance throughout the development of the project.

SHF WEB PAGE BUILDER

ABSTRACT

In the world of e-commerce, online stores are an essential element which a business needs to develop in order to sell, compete and reach to its customers efficiently. Whether the business is a start-up or an old business, it needs an online existence along with its physical existence. To develop an e-commerce website and to manage it, a company either needs to develop a website from scratch (coded). Or Platform-independent, develop a website on a platform which helps reduce the coding in development by providing GUI based functionalities. The objective of this project is to develop an online website builder tool which helps, developers and non-technical personnel, build websites instantly without complex coding. The tool allows the users to develop web pages with the help of GUI based components and help them manage their website's content from the backend during development and once the site is developed. The project is developed on PHP Laravel. The parameters which made us choose this framework is that Laravel takes the extra effort out of development by simplifying extensive tasks. Such as, in authenticating, caching, routing and sessions. Without sacrificing application functionality, the development process is made uncomplicated with the help of PHP Laravel for the developer.

The tool has a backend for content management and a frontend on which the user's web page will be created. The online platform has a secure login/signup section which proceed towards the CMS where the website content of the user will be managed. The tool provides custom web page themes, extensive marketing functionality, overall website settings and plugins installation feature along several other website management features. The online tool offers these backend features via free registration.

TABLE OF CONTENTS

DECLARATION	ii
APPROVAL FOR SUBMISSION	iii
ACKNOWLEDGEMENTS	v
ABSTRACT	vi
TABLE OF CONTENTS	vii
LIST OF SYMBOLS / ABBREVIATIONS	xi

CHAPTER

1	INTRODUCTION	1
	1.1 Background	1
	1.2 Problem Statements	2
	1.3 Aims and Objectives	2
	1.4 Scope of Project	3
2	LITERATURE REVIEW	4
	2.1 RESEARCH	4
	2.2 MODULES:	5
	2.3 USER PROFILE	5
	2.4 CUSTOM DESIGNING	5
	2.5 ORDER SUBMISSION	5
	2.6 THEMES	6
	2.7 ONLINE PAYMENTS	6
3	DESIGN AND METHODOLOGY	7
	3.1 DESIGN	7
	3.2 METHODOLOGY	8
	3.2.1 Information gathering	10

3.3	Development	10
3.4	Modules	10
3.5	GUI of the Web Builder Tool	18
3.5.1	Backend Dashboard/Panel GUI	18
3.5.2	Frontend Website GUI	28
4	IMPLMENTATION	36
4.1	Components	36
4.1.1	Backend	36
4.1.2	Frontend:	42
5	RESULTS AND DISCUSSION	46
5.1	TESTING	46
5.2	TESTING TECHNIQUES	47
5.3	TESTING OUTCOME:	57
6	CONCLUSION AND RECOMMENDATIONS	58
6.1	CONCLUSION	58
6.2	FUTURE WORK	59