

CAREER PATH

Submitted By

Registration no.: 20602000005

Session: 2020-21

A Project Submitted in Partial Fulfillment of the Requirements for
the Degree of Master's of Science in Computer Science and
Engineering



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
NATIONAL UNIVERSITY, BANGLADESH

April, 2024

APPROVAL

The Project Report “Career Path” submitted by Roll No.: 20602000005, Session: 2020-21, to the Department of Computer Science and Engineering, National University, Bangladesh, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Master’s of Science in Computer Science and Engineering and approved as to its style and contents.

Board of Examiners

(Supervisor)

(Examiner)

(Examiner)

DECLARATION

I, hereby, declare that the work presented in this Project Report is the outcome of the investigation performed by me under the supervision of Ms Shamima Sultana, Associate Professor, Department of Computer Science and Engineering, National University, Bangladesh. I also declare that no part of this Project Report and thereof has been or is being submitted elsewhere for the award of any degree or diploma.

Countersigned

Signature

.....
Ms Shamima Sultana
Associate Professor
Supervisor

.....
Humayra Anjum
20602000005
2020-21
Candidate

ABSTRACT

This project is aimed at developing an online search Portal for the Placement Details for job seekers. The system is an online application that can be accessed throughout the organization and outside as well with proper login provided. This system can be used as an Online Job Portal for User. User logging should be able to upload their information in the form of a CV. Visitors/Company representatives logging in may also access/search any information put up by Job aspirants. It provides the recruitment of people with all the necessary tools to schedule the interview and applicants to register and apply for jobs and interviewers to view the interview details. It provides the users with all the necessary privileges to access and modify the data intended for them.

ACKNOWLEDGEMENTS

First of all I would like to thank the Almighty ALLAH. Today I am successful in completing my work with such ease because He gave me the ability, chance, and a cooperating supervisor.

I would like to take the opportunity to express my gratitude to Ms Shamima Sultana, my respected supervisor. Although she was always loaded with several other activities, she gave me more than enough time for this work. She not only gave me time but also proper guidance and valuable advice whenever I faced difficulties. His comments and guidance helped me a lot in preparing my thesis report.

I would like to thank Md. Monir Hossain, my respected teacher, who inspired me in every step. I am also thankful to my teachers who helped me in a number of ways by providing various resources and moral support.

Last of all I am grateful to my family; who are always with me in every step of my life.

TABLE OF CONTENTS

Title Page	APPROVAL	ii
	DECLARATION	iii
	ABSTRACT	iv
	ACKNOWLEDGMENTS	v
	TABLE OF CONTENTS	vi
	LIST OF TABLES	vii
	LIST OF FIGURES	viii
CHAPTERS		
Chapter-1	INTRODUCTION	
	1.1 Introduction	2
	1.2 Project Description	2
	1.3 Motivation	3
Chapter-2	LITERATURE SURVEY	
	2.1 Existing System	5
	2.2 Proposed System	6
	2.3 Feasibility Study	8
Chapter-3	REQUIREMENT ANALYSIS	
	3.1 Requirement Specification	10
	3.2 Software Interface	11
	3.3 System Requirement	11
Chapter-4	SYSTEM DESIGN	
	4.1 Data Flow Diagram	15
	4.2 Use Case Diagram	17
	4.3 Activity Diagram	18
	4.4 Sequence Diagram	19
	4.5 ER Diagram (Level-0)	20
Chapter-5	SYSTEM REQUIREMENT TOOLS	
	5.1 Introduction	22
	5.2 Platform Overview	22
	5.2.1 HTML	22
	5.2.2 CSS	22
	5.2.3 Bootstrap	22
	5.2.4 Javascript	22
	5.2.5 PHP	23
	5.2.6 Laravel	23
	5.2.7 MySql	23
	5.2.8 Apache	23
	5.3 Summary	23
Chapter-6	IMPLEMENTATION	

	6.1 Introduction	25
	6.2 Output Screens	25
	6.2.1 Homepage	26
	6.2.2 Login Page	27
	6.2.3 Search bar	27
	6.2.4 Job description	28
	6.2.5 Database	28
Chapter-7	SYSTEM TESTING	
	7.1 Introduction	30
	7.2 Principles of Testing	30
	7.3 Types of Testing	30
	7.3.1 Functionality Testing	30
	7.3.2 Usability Testing	30
	7.3.3 Interface Testing	30
	7.3.4 Compatibility Testing	31
	7.3.5 Performance Testing	31
Chapter-8	CONCLUSION	
	8.1 Conclusion	33
	8.2 Future Work	33
	BACK MATTER	
	APPENDIX	35
	REFERENCES	41