

# **Final Year Project Report**

In Partial Fulfillment of the  
Requirements for the Degree of  
**BACHELOR OF COMPUTER SCIENCE**

## **Online Job Portal**

**Project Advisor:**

**Emmen Farooq**

**Submitted By**

**Muhammad Sabeeh Khan** **111820191**

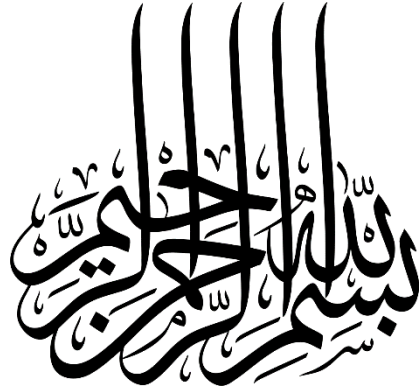
**Muhammad Shaff Khan** **111820098**

**Session: 2011 - 2015**



**University of  
Management and  
Technology**

**C-II Johar Town Lahore Pakistan**



IN THE NAME OF ALLAH  
THE MOST BENEFICIENT, THE MOST MERCIFUL

“Say! HE is God the one!  
The Eternally Besought of all!  
He does not beget, nor is he begotten,  
And there is nothing comparable to Him”

## **GRATITUDE TO ALLAH**

---

We pay our special gratitude to Allah Almighty who is sole owner of this universe and helped us whenever we prayed for His assistance. He has blessed us with what we were looking to accomplish and helped us out by holding our hands during hurdles. We thank for what we have achieved and consider each and everything as a gift from Him through the element of luck cannot be ruled out. But Allah provided us the faith and determination to grasp the opportunities for the completion of a successful project.

## DEDICATION

---

I dedicate this project to all my teachers and especially **Mr. Farooq Ali** and **Ms. Emmen Farooq**. We fortunately devote this venture to those individuals who were included in this undertaking and guided us with their incomparable endeavors. We want to express our serious feeling of admiration to our directors and coach **Ma'am Emmen Farooq** and **Sir Farooq Ali** for their determined direction and relentless help during the task to complete our undertaking. **Sir Farooq Ali**, the man who really inspired us by his inside and out learning on a wide range of versatile application advancement and outlining has been to a great degree gainful for us.

Their readiness to give his time so liberally has been all that much valued. We are appreciative to the Almighty for giving us an instructor like him. We dedicated this project especially to **Sir Farooq Ali** because of the inspiration from him who motivated us to roll our sleeves, and build something of our own. If our advisors would not be there to help us achieve our goals, we might not be able to complete this project. We really are so much grateful to our well-wishers, and our advisors for always being there in the hour of need.

We also want to express our gratefulness to the Dean of School of Science and Technology, **Dr. Nasir Ud Din Gohar**, furthermore, the chairperson of Computer Science Department, **Dr. Tahir Ejaz** for their support and help towards my graduate issues. Our affirmation likewise goes to every one of the specialists and office staff of School of Science and Technology for their co-operations.

Last yet not the slightest, our most profound appreciation goes to our parents for their affection, bolster and enduring in our studies and venture. We wouldn't have the capacity to achieve this point without their requests to God and support.

# FINAL APPROVAL

---

## Panel of Examiners

- 1) **Head of Department** \_\_\_\_\_  
Dr. Adnan Abid  
Department of Computer Science  
UMT Lahore
  
- 2) **Program Director ( Final Year Projects)** \_\_\_\_\_  
Mr. Syed Farooq Ali  
Department of Computer Science  
UMT Lahore
  
- 3) **Supervisor** \_\_\_\_\_  
Ms. Emmen Farooq  
Department of Computer Science  
UMT Lahore
  
- 4) **Co-Supervisor** \_\_\_\_\_
  
- 5) **External Examiner** \_\_\_\_\_
  
- 6) **Controller of Examinations** \_\_\_\_\_

## ACKNOWLEDGMENT

---

*“In the name of Allah, the Most Gracious, the Most Merciful, all gestures of recognition to Allah for the qualities and His gift in completing this venture. He has helped us in each period of life and without His endowments it was difficult to complete what we began.”*

We'd like to pay our appreciation to our chief, **Sir Farooq Ali** and **Ms. Emmen Farooq** for giving vital points of interest and assets to finish our undertaking. This work would not have been conceivable without their direction, generosity and support.

Last but not the least, we thank each one of the individuals who have helped us either straightforwardly or by implication in the fulfillment of our undertaking. Once more, we want to express our gratitude to everybody who encouraged and assisted us with this work.

<b>Project Title</b>	Online Job Portal (Web Application)
<b>Site Name</b>	Job Finder
<b>Objective</b>	The objective of our project is to provide a useful tool to users so that, it would be as much easy as it could be for its' users to get jobs to them, to polish them, to provide such a tool in hand that could be used anywhere in the world.
<b>Undertaken by</b>	Muhammad Sabeeh Khan and Muhammad Shaff Khan
<b>Supervised by</b>	Ms. Emmen Farooq
<b>Start</b>	Spring 2015
<b>Completion</b>	Fall 2015
<b>Tools Used</b>	Adobe Photoshop, Dreamviewer
<b>Operating System</b>	Windows 7/8.1/10
<b>Documentation</b>	Microsoft Word 2013

## ABSTRACT

---

The thought of this project is to add to a stage for the graduates to have the job ideas of their related field. Through this application folks or and additionally universities can instruct their students, to get the jobs. This Web Application gives an extremely fun approach to take and apply for the available jobs quick and easily. Students & Graduates will discover this application so fascinating that they can easily search for all the available jobs across the country. This Application is as necessary as well as important in every field.

One of the greater difficulties that the general public faces is guaranteeing that students to get job(s) properly, so that they may build up their aptitudes and thus, add to the general public. The target of this is to outline a framework that will help folks in getting new and better job(s).

# CONTENTS

---

## Contents

Contents .....	9
<b>1. Introduction.....</b>	<b>11</b>
1.1 Project Overview .....	11
1.2 Problem Statement .....	<b>Error! Bookmark not defined.</b>
1.3 Customer .....	<b>Error! Bookmark not defined.</b>
1.4 Affected Groups.....	<b>Error! Bookmark not defined.</b>
1.5 Assumptions.....	<b>Error! Bookmark not defined.</b>
1.6 Dependencies/ External Systems .....	<b>Error! Bookmark not defined.</b>
1.7 Definitions and Acronyms .....	<b>Error! Bookmark not defined.</b>
1.8 Reference/ Source Documents .....	<b>Error! Bookmark not defined.</b>
1.9 Goals .....	<b>Error! Bookmark not defined.</b>
<b>2. Stake Holders .....</b>	<b>Error! Bookmark not defined.</b>
<b>3. System Functions/Functional Requirements .....</b>	<b>Error! Bookmark not defined.</b>
3.1 Functional Requirements .....	<b>Error! Bookmark not defined.</b>
3.1.1 Administrator Functions .....	<b>Error! Bookmark not defined.</b>
3.1.2 Users' Functions .....	<b>Error! Bookmark not defined.</b>
3.1.3 Other Requirements .....	<b>Error! Bookmark not defined.</b>
3.2 Non-Functional Requirements .....	<b>Error! Bookmark not defined.</b>
<b>4. System Architecture Diagram.....</b>	<b>Error! Bookmark not defined.</b>
<b>5. Data Flow Diagram.....</b>	<b>Error! Bookmark not defined.</b>
5.1 Data Flow Diagrams of User(s) All Levels.....	<b>Error! Bookmark not defined.</b>
5.1.1 Main Page of Web Application.....	<b>Error! Bookmark not defined.</b>
5.1.2 Extension of Home .....	<b>Error! Bookmark not defined.</b>
5.1.3 Extension of Sign Up.....	<b>Error! Bookmark not defined.</b>
5.1.4 Extension of Login.....	<b>Error! Bookmark not defined.</b>
5.1.5 Extension of Job(s) .....	<b>Error! Bookmark not defined.</b>
5.1.6 Extension of Blog .....	<b>Error! Bookmark not defined.</b>
5.1.7 Contact Us .....	<b>Error! Bookmark not defined.</b>
5.1.8 Sub-Extension of Sign Up .....	<b>Error! Bookmark not defined.</b>
5.1.9 Sub-Extension of Login .....	<b>Error! Bookmark not defined.</b>
5.2 Data Flow Diagrams of Admin(s) All Levels .....	<b>Error! Bookmark not defined.</b>
5.2.1 Extension of Login.....	<b>Error! Bookmark not defined.</b>
5.3 Final DFD All Levels.....	<b>Error! Bookmark not defined.</b>

<b>6. Use Case Model</b> .....	Error! Bookmark not defined.
6.1 Use Case UC1: Online Job Portal .....	<b>Error! Bookmark not defined.</b>
6.2 Tables of Post Jobs and Applying for it .....	<b>Error! Bookmark not defined.</b>
6.3 Use Case Diagram of User .....	<b>Error! Bookmark not defined.</b>
6.4 Use Case Diagram of Admin(s) .....	<b>Error! Bookmark not defined.</b>
6.5 Sequence Diagram .....	<b>Error! Bookmark not defined.</b>
6.5.1 Sequence Diagram of User .....	<b>Error! Bookmark not defined.</b>
6.5.2 Sequence Diagram of Admin(s) .....	<b>Error! Bookmark not defined.</b>
6.6 Collaboration Diagrams .....	<b>Error! Bookmark not defined.</b>
6.6.1 Collaboration Diagram of User .....	<b>Error! Bookmark not defined.</b>
6.6.2 Collaboration Diagram of Admin .....	<b>Error! Bookmark not defined.</b>
6.7 User Interface .....	<b>Error! Bookmark not defined.</b>
6.7.1 Home .....	<b>Error! Bookmark not defined.</b>
6.7.2 Home - Guide .....	<b>Error! Bookmark not defined.</b>
6.7.3 Sign Up / Register .....	<b>Error! Bookmark not defined.</b>
6.7.4 Login .....	<b>Error! Bookmark not defined.</b>
6.7.5 Contact Us .....	<b>Error! Bookmark not defined.</b>
6.7.6 Blog / Posts .....	<b>Error! Bookmark not defined.</b>
6.7.7 Find a Job .....	<b>Error! Bookmark not defined.</b>
6.7.8 Select & Apply to a Job .....	<b>Error! Bookmark not defined.</b>
6.7.9 Upload a Resume or Post a New Job .....	<b>Error! Bookmark not defined.</b>
6.8 Admin Interface .....	<b>Error! Bookmark not defined.</b>
6.8.1 Admin Home Page .....	<b>Error! Bookmark not defined.</b>
6.8.2 Add or Remove Job .....	<b>Error! Bookmark not defined.</b>
6.8.3 Job Applications .....	<b>Error! Bookmark not defined.</b>
6.8.4 Resume / CV .....	<b>Error! Bookmark not defined.</b>
6.8.5 List of Companies .....	<b>Error! Bookmark not defined.</b>
6.8.6 Registered Users .....	<b>Error! Bookmark not defined.</b>
6.8.7 Add New .....	<b>Error! Bookmark not defined.</b>
<b>7. Function Point analysis</b> .....	Error! Bookmark not defined.
<b>8. Testing</b> .....	Error! Bookmark not defined.
8.1 Test Cases .....	<b>Error! Bookmark not defined.</b>
8.2 TID template .....	<b>Error! Bookmark not defined.</b>
<b>9. Conclusion</b> .....	Error! Bookmark not defined.
<b>10. Future Work</b> .....	Error! Bookmark not defined.

# **1. INTRODUCTION**

---

This is Online based Job portal. You can use the website for both reasons either you need one or you want to provide an opportunity to someone. Now a days we have several websites that provide jobs online but there is none which will provide you jobs according to your location. Our website will provide you jobs near to your location. It show you jobs first nearest to your location. It provides easy access to the users to find jobs nearest to their location.

## **1.1 Project Overview**

The object of creating this website is to provide easy access to users to find jobs nearest to them. This will help them to be punctual. This will also help the employees to know the reputation of their workers in their area. Plus this website provide the opportunity to companies and other hiring officials to find a suitable match for their requirements online. They just have to upload the jobs description and provide the requirements for the hiring.