***The Islamia University of Bahawalpur***



**[Project Title]**

**BY**

**[Student1]**

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**BACHELOUR/Master OF COMPUTER SCIENCE**

***The Islamia University of Bahawalpur***

**[Project Title]**

**BY**

**[Student1]**

**[Studentt2]**

**A dissertation submitted to**

**Department of Computer Science & IT**

**Rahim Yar Khan Campus**

**In partial fulfillment of the**

**requirements for the Degree of**

**BACHELOUR/MASTER OF COMPUTER SCIENCE**

***The Islamia University of Bahawalpur***

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**DECLARATION**

This is to certify that this research work has not been submitted for obtaining similar degree from any other university/college**.**

**(Student name)**

**Date**

**DEDICATED TO**

**[Dedication Notes]**

**ACKNOWLEDGEMENT**

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**RESEARCH COMPLEITION CERTIFICATE**

Certified that the research work contained in this thesis entitled “**Project Name**” has been carried out and completed by “**Student Name**” under my supervision during his Bachelor/Master in Computer Science program.

***(Supervisor Name)***

***Supervisor***

**Revision History**

| **Date** | **Description** | **Author** | **Comments** |
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**Document Approval**

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| **Signature** | **Printed Name** | **Title** | **Date** |
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|  | Supervisor Name | Supervisor, CSIT 21306 | \*\*\*\*\*\*\* |
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# 1. INTRODUCTION

## 1.1 Purpose

## 1.2 Scope

.

## 1.3 Overview

## 1.4 Reference Material

## 1.5 Definitions and Acronyms



# 2. SYSTEM OVERVIEW

**2.1 Assumptions:**

# 2.2 Technology Used

**2.2 Application Overview**

# 2.3 Design Languages

Unified Modeling Language (UML) is used for graphical representations of such thing like System Architecture, Entity Relationship diagram, Data Flow Diagrams, Class Diagrams, Activity Diagrams, Sequence Diagrams and State Machine Diagrams also used during development of \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# 3. SYSTEM ARCHITECTURE

## 3.1 Architectural Design

**3.1.1 Web Architecture:**

# Block Diagram

## 3.2 Decomposition Description

## 3.2.1 Use Cases

## 3.2.1.1 \*\*\*\*\*\*\*

| Actor | \*\*\*\*\*\*\*\*\* |
| --- | --- |
| Pre-condition | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |
| Post-condition | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |
| Description | 1. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

## 3.2.2Sequence Diagrams

## 3.2.2.1\*\*\*\*\*\*\*\*\*

## 3.2.3Class Diagram

## 3.2.3.1 \*\*\*\*\*

# 3.2.4Activity diagrams

# 3.2.4.1 \*\*\*\*\*\*\*\*\*

# 4. DATA DESIGN

## 4.1 Data Description

## 4.1.1 Data objects

# 4.1.2 ER Diagram

# 4.2 Data Dictionary

# 

# 5. COMPONENT DESIGN

In this section, we take a closer look at what each component does in a more systematic way. If Software Design Document you gave a functional description in section \*\*\*\*, provide a summary of your algorithm for each function listed in \*\*\*\* in procedural description language (PDL) or pseudo code. If you gave an OO description, summarize each object member function for all the objects listed in \*\*\* in PDL or pseudo code. Describe any local data when necessary

| **Class Name: \*\*\*\*** | |
| --- | --- |
| **Brief Description:** \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* | |
| **Attributes(**fields**)** | **Attributes Description** |
|  |  |
|  |  |
| **Methods(**operations) | **Methods Description** |
|  |  |
|  | **Pseudo Code** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |

# 

# 6. HUMAN INTERFACE DESIGN

## 6.1 Overview of User Interface

## 6.2.1 \*\*\*\*\*\*\*\*\*\*

**6.3.2 Sign Up**

The sign-up page helps to users with registration.

**6.3.3 Login**

**7. REQUIREMENTS MATRIX**

| **Use**  **Cases from**  **SRS** |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3.3.1** |  |  |  |  |  |  |  |  |  |  |
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