#### <<Project Title>> // all capital

**by**

**<<Student Name-1>> (Roll No)**

**<<Student Name-2>> (Roll No) [optional]**

#### Under the guidance of

##### <<Dr./Mr./Ms. Guide/Mentor Name>> (Designation)

**Department of Computer Applications**

|  |
| --- |
|  |

**ABES Engineering College**

**19th Km Stone, NH-09, Ghaziabad (U.P)**

**July, 2024**

**<<Project Title>>// all capital**

**by**

**<<Student Name-1>> (Roll No)**

**<<Student Name-2>> (Roll No) [optional]**

**Submitted to the Department of Computer Applications**

**in partial fulfillment of the requirements**

**for the degree of**

**Master of Computer Application**

#### Under the guidance of

##### <<Dr./Mr./Ms. Guide/Mentor Name>> (Designation)

**Department of Computer Applications**

|  |
| --- |
|  |

**ABES Engineering College**

**19th Km Stone, NH-09, Ghaziabad (U.P)**

**July, 2024**

**DECLARATION**

We hereby declare that the work being presented in this report entitled “**<<project title>>**” is an authentic record of our own/my work carried out under the supervision of “**Dr./Mr./Ms. << Guide(Mentor) Name>>**”

The matter embodied in this report has not been submitted by us/me for the award of any other degree.

**Date: Signature of students(s)**

**<<Student Name-1>>**

**<<Student Name-2>>[optional]**

**Dept.: Computer Applications**

This is to certify that the above statement made by the candidate/s is/are correct to the best of my knowledge.

**Signature of HOD Signature of Supervisor**

**Prof. (Dr.) Devendra Kumar Dr./Mr./Ms. <<Guide Name>>**

**HOD-MCA <<Designation>>**

**Dept.:-Computer Applications**

**Date:**

**CERTIFICATE**

This is to certify that Project Report entitled **“<<project title>>”** which is submitted by **<<Student Name-1>>** and **<<Student Name-2>>[optional]** in partial fulfillment of the requirement for the award of degree **Master of Computer Application** in Department of Computer Applications of **Dr. A.P.J. Abdul Kalam Technical University,** is a record of the candidate’s own work carried out by him/them under my supervision.

The matter embodied in this Major Project Report is original and has not been submitted for the award of any other degree.

The plagiarism percentage evaluated for the content presented is **<<percentage>>.**

**Supervisor Signature(Don’t edit)**

**<<Dr./ Mr./ Ms. Guide Name>>**

**<<Designation>>**

**Date:**

**ACKNOWLEDGEMENT**

Introducing the report on the MCA project finished during MCA Final Year fills us/me with incredible happiness. We/I owe an exceptional obligation of appreciation to **<<Dr./Mr./Ms. Guide Name (Designation)>>** **Department of Computer Applications, ABESEC, Ghaziabad** for his/her constant support and guidance throughout the course of our work. His /Her sincerity, thoroughness, and perseverance have been a constant source of inspiration for us/me. It is just his/her perceptive endeavors that our undertakings have come around.

We/I also take the opportunity to recognize the contribution of **Prof. (Dr.) Devendra Kumar Head, Department of Computer Applications, ABESEC, Ghaziabad** for his support and assistance during the development of the project.

We/I also don't want to miss the opportunity to thank the entire department's faculty members for their helpful support and cooperation during the project's development. Last but not least, we want to thank our friends for their help in getting the project done.

**Signature of Student(s)**

**<<Student Name-1>>**

**<<Roll No-1>>**

**<<Student Name-2>>[optional]**

**<<Roll No-2>>>>[optional]**

**ABSTRACT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **TABLE OF CONTENTS** | | | **Page** | |
|  | LIST OF TABLES | | | viii | |
|  | LIST OF FIGURES | | | ix | |
|  | LIST OF SYMBOLS | | | x | |
|  | LIST OF ABBREVIATIONS | | | xi | |
| Chapter 1: | Introduction | | | 1 | |
|  | 1.1 | | Problem definition | 1 | |
|  |  | 1.1.1 | Motivation | | 1 |
|  |  | 1.1.2 | Project Objective | | 1 |
|  |  | 1.1.3 | Scope Of Project | | 2 |
|  | 1.2 | | Cloud Development History | 2 | |
|  | 1.3 | | Organization of the Report | 8 | |
| Chapter 2 : | Literature Review | | | 9 | |
| Chapter 3 : | Software Requirement Specification | | | 11 | |
|  | 3.1 | | Product perspective | 11 | |
|  | 3.2 | | Product functions | 14 | |
|  | 3.3 | | User Characteristics | 15 | |
|  | 3.4 | | Constraints | 15 | |
|  | 3.5 | | Assumptions and Dependencies | 16 | |
|  | 3.6 | | Apportioning of Requirements | 17 | |
|  | 3.7 | | Use case model | 19 | |
| Chapter 4 : |  | | |  | |
| Chapter 5 : |  | | |  | |
| Chapter 6 : | Conclusion | | |  | |
|  | 6.1 | | Future ScopeS |  | |
| Chapter 7 : | References | | |  | |
|  | Appendices (Plagiarism Report) | | |  | |

**LIST OF TABLES**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Table Name** | **Page No** |
| **5.1** | Amazon Linux OS | **21** |
| **5.2** | Windows OS Versions | **22** |

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Figures** | **Page No.** |
| 1.1 | Types of Cloud Services | 15 |
| 1.2 | AWS Services | 16 |
| 1.3 | Cloud Infrastructure | 18 |
| 1.4 | Deployment Models | 20 |
| 3.1 | Use Case Diagram | 28 |
| 3.2 | Sequence Diagram | 29 |
| 4.1 | Architecture Diagram | 30 |
| 4.2 | Class Diagram | 31 |
| 4.3 | Data Flow Diagram | 32 |
| 4.4 | Activity Diagram | 33 |
| 4.5 | ER Diagram | 34 |
| 5.1 | Implementation Snapshots | 36 |
| 5.2 | Implementation Snapshots | 37 |
| 5.3 | Implementation Snapshots | 38 |
| 5.4 | Implementation Snapshots | 38 |

**LIST OF SYMBOLS**

|  |  |
| --- | --- |
| \* | Multiplication Symbol |
| ≠ | Not Equal |
| < | Smaller than |

**LIST OF ABBREVIATIONS**

|  |  |
| --- | --- |
| AWS | Amazon Web Service |
| S3 | Simple Storage Service |
| RDS | Relational Database Service |
| IAM | Identity and Access Management |
| EC2 | Elastic Compute Cloud |

**CHAPTER 1 // Arial 18**

**INTRODUCTION // Arial 18**

* 1. **Heading // Arial 14**

Arial12

Arial12

Arial12

* + 1. **Sub Heading // Arial12**

Arial12

Arial12

Arial12

Arial12

**CHAPTER 2 // Arial 18**

**2.1 Heading // Arial 14**

Arial12

Arial12

Arial12

**2.1.1 Sub Heading // Arial 12**

Arial12

Arial12

Arial12

Arial12

**CHAPTER 3 // Arial 18**

**3.1 Heading // Arial 14**

Arial12

Arial12

Arial12

**3.1.1 Sub Heading // Arial12**

Arial12

Arial12

Arial12

Arial12

**CHAPTER 4 // Arial 18**

**4.1 Heading // Arial 14**

Arial12

Arial12

Arial12

**4.1.1 Sub Heading // Arial12**

Arial12

Arial12

Arial12

Arial12

**CHAPTER 5 // Arial 18**

**5.1 Heading // Arial 14**

Arial12

Arial12

Arial12

**5.1.1 Sub Heading // Arial12**

Arial12

Arial12

Arial12

Arial12

**CHAPTER 6 // Arial 18**

**6.1 Heading // Arial 14**

Arial12

Arial12

Arial12

**6.1.1 Sub Heading n // Arial12**

Arial12

Arial12

Arial12

Arial12

**CHAPTER 7 // Arial 18**

**7.1 Heading // Arial 14**

Arial12

Arial12

Arial12

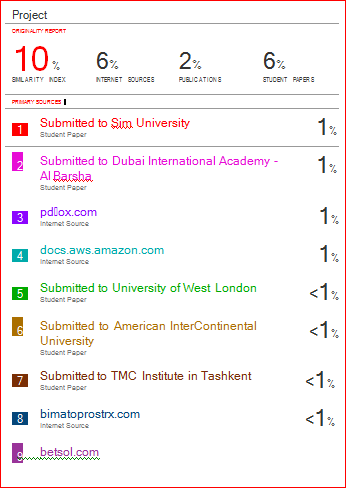
**7.1.1 Sub Heading // Arial12**

Arial12

Arial12

Arial12

Arial12



**Note:**

First Page: Cover Page

Second Page: Title Page