

**SCHOOL OFCOMPUTER SCIENCE AND APPLICATIONS**

A Project Report

on

< Title of the project>

Submitted in Partial fulfillment of the requirements for the award of the Degree of

Bachelor of Science (**Cloud Computing and Big Data**)

Submitted by

(Name of the Candidate)

(SRN)

Under the guidance of

(Name) (Name)

Internal Guide External Guide

Dec 2024

Rukmini Knowledge Park, Kattigenahalli, Yelahanka, Bengaluru-560064

[www.reva.edu.in](http://www.reva.edu.in)



**SCHOOL OF COMPUTER SCIENCE AND APPLICATIONS**

# CERTIFICATE

The project work titled - **< TITLE >,** is beingcarried out under our guidance by **<Candidate Name>**, **< SRN >**, a bonafide student of REVA University, and is submitting the project report in partial fulfillment, for the award of  **Bachelor of Science (CC & BD) in Computer Science –Cloud Computing and Big Data** during the academic year **2024–25**. The project report has been approved, as it satisfies the academic requirements with respect to the Project Work prescribed for the aforementioned Degree.

**Signature with date Signature with date**

**Dr.G.Sasikala**

**Head of the Department-BSc**

**<Guide name>**

**Internal Guide**

**Signature with Date**

**­­­­­­­­­­­­­­­­­­­**

**Dr C K Lokesh**

**Director**

**External Examiner**

**Name of the Examiner with** **Affiliation** **Signature with Date**

1.

2.

**DECLARATION**

I, Mr. / Ms. < name of candidate > ,pursuing my **Bachelor of Science (Cloud Computing and Big Data)**, offered by School of Computer Science and Applications, REVA University, declare that this Project titled - “ < title of the project >” ,is the result of the Project Work done by me under the supervision of Dr / Prof. <name of the internal Guide with affiliation > .

I am submitting this Project Work in partial fulfillment of the requirements for the award of the degree of **Bachelor of Science (CC & BD)** by REVA University, Bengaluru, during the Academic Year 2024-25.

I further declare that this Project Report or any part of it has not been submitted for the award of any other Degree / Diploma of this University or any other University/ Institution.

*(Signature of the candidate)*

*Signed by me on:* < date, month and year >

*Certified that this project work submitted by < name of the candidate > has been carried out under our guidance and the declaration made by the candidate is true to the best of my knowledge.*

*Signature of Internal Guide Signature of External Guide*

*Date :……….. Date :………..*

*Signature of Director of the School*

*Date :………..*

*Official Seal of the School*

**ACKNOWLEDGEMENT**

# 

# I hereby acknowledge all those, under whose support and encouragement, I have been able to fulfil all my academic commitments successfully. In this regard, I take this opportunity to express my deep sense of gratitude and sincere thanks to School of Computer Science and Applications which has always been a tremendous source of guidance.

# I express my sincere gratitude to Dr. P. SHYAMA RAJU, Honorable Chancellor, REVA University, and Bengaluru for providing us the state-of-the-art facilities.

I am thankful to **Dr. SANJAY CHITNIS**, Vice Chancellor, REVA University, **Dr K S NARAYANASWAMY,** Registrar, REVA University, Bengaluru for their support and encouragement.

I take this opportunity to express my heartfelt thanks to **Dr C K LOKESH**, Director, School of CSA, REVA University and my sincere thanks to **Dr. G. SASIKALA** Associate Professor, Head of the Department for BSc Program, School of CSA, REVA University, whose encouragement and best wishes provided impetus for the Project Work carried out.

# Also, my sincere gratitude goes to my internal guide, (Guide name, designation), for the valuable suggestion and constant encouragement towards the completion of this project

# 

# Last, but not the least, I thank my parents for their incredible support and encouragement throughout.

# 

**ABSTRACT**

The abstract should summarize the contents of the report and should contain a minimum of 150 words and a maximum of 350 words. It should be set in 12 point font size. There should be two blank (10-point) lines before and after the Heading - **ABSTRACT**

**TABLE OF CONTENTS**

**CHAPTERS PAGE NO**

**1. INTRODUCTION**

1.1 INTRODUCTION TO PROJECT

- STATEMENT OF THE PROBLEM

- BRIEF DESCRIPTION OF THE PROJECT

- SOFTWARE AND HARDWARE SPECIFICATION

1.2 FUNCTIONALAND NON-FUNCTIONAL REQUIREMENTS

1.3 COMPANY PROFILE

**2. LITERATURE SURVEY**

**3. SYSTEM ANALYSIS**

3.1 EXISTING SYSTEM

3.2 LIMITATIONS OF THE EXISTING SYSTEM

3.3 PROPOSED SYSTEM

3.4 ADVANTAGES OF THE PROPOSED SYSTEM

3.5 FEASIBILITY STUDY

- TECHNICAL FEASIBILITY

- ECONOMICAL FEASIBILITY

- OPERATIONAL FEASIBILITY

4. **SYSTEM DESIGN AND DEVELOPMENT**

4.1 HIGH LEVEL DESIGN (ARCHITECTURAL)

4.2 LOW LEVEL DESIGN

4.3 ENTITY-RELATIONSHIP DIAGRAM

4.4 DATAFLOW DIAGRAM

4.5 USE CASE DIAGRAM

4.6 SEQUENCE DIAGRAM

4.7 CLASS DIAGRAM

4.8 ACTIVITY DIAGRAM

4.9 TABLE DESIGN

4.10 INPUT/OUTPUT INTERFACE DESIGN

4.11 MODULE DESCRIPTION

**5. CODING**

5.1 PSEUDO CODE

**6. SOFTWARE TESTING (Test cases)**

**7. CONCLUSION AND SCOPE FOR FUTURE ENCHANCEMENT**

**BIBILOGRAPHY**

**APPENDIX**

1. **SNAPSHOTS**

**LIST OF TABLES**

**LIST OF FIGURES**

**LIST OF ABBREVIATIONS**