<TITLE OF THE PROJECT>

A project report submitted by

Student 1(Add your university register no here)
Student 2 (Add your university register no here)
Student 3(Add your university register no here)
Student 4 (Add your university register no here)

Under the guidance of
<Name of the guide>
<Designation>

For the award of the Degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

(Calicut University)

2020-2021

Submitted to

Department of Computer Science
Sri. C. AchuthaMenon Government College, Thrissur
Kuttanellur, Kerala

CERTIFICATE

This is to certify that the project titled …….. submitted by,

……

……is a bonafide record of the project work done at the Department of Computer Science, Sri C Achutha Menon Government College,Thrissur in partial fulfilment of the requirement of Bachelor of Computer Science of the University of Calicut.

Submitted for the VivaVoceExamination held on ……

Internal Examiner

External Examiner

Seal

Head of the Department

DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

Put your Signature here

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Place :
Date :

Contents (Make the borders of this table invisible after adding all details)

List of Figures(Make the borders of this table invisible after adding all details)

List of Tables(Make the borders of this table invisible after adding all details)

Chapter 1

Introduction

Outline briefly the technological / engineering / scientific / Socio economic relevance or significance of the project work is being reported.

For example if your project title is Online Event Management System, then you can begin this chapter as follows:

1.1 Event Management System

Describe about event management system

1.2 Features of Existing Systems

1.3 Limitations of Existing Systems

1.4 Area and Category of the Project Work

Chapter 2

Problem Definition & Methodology

2.1 Introduction

2.2 Problem Definition

2.3 Objectives

2.4 Motivation

2.5 Methodology

A brief description of the methodology you have adopted like R&D, Object Oriented, etc.

2.5 Scope

Chapter 3

Analysis

3.1 Requirement Analysis

[Detailed description on the requirements collected]

3.2 Existing System

3.3 Proposed System

3.4 Requirement Specification

3.4.1 Functional Requirements

3.4.2 Non-functional Requirements

Non-functional requirements may exist for the following attributes. Often these requirements must be achieved at a system-wide level rather than at a unit level. State the requirements in the following sections in measurable terms (e.g., 95% of transaction shall be processed in less than a second, system downtime may not exceed 1 minute per day, > 30 day MTBF value, etc).

Performance

Reliability

Availability

Security

Maintainability

Portability

3.4.3 Hardware Requirements

3.4.4 Software Requirements

3.4.5 Other Requirements

3.5 Feasibility Study

3.5.1 Technical feasibility

Description to justify your system is technically feasible.

3.5.2 Economical feasibility

Description to justify your system is economically feasible.

3.5.3 Operational feasibility

Description to justify your system is operationally feasible.

Chapter 4

Design

4.1Introduction

4.2 Modularity Criteria

Description about the modules in the proposed work.

4.3 Architecture Diagrams/DFD

DFD Level 0, 1, 2, 3 (how many levels are to be there ? it is upto your work) diagrams using the standard notations. Provide a narration about each of the diagrams wherever necessary.

4.3.1 DFD Level 0

4.3.2 DFD Level 1

4.3.3 DFD Level 3

4.4 Use Case Diagrams (if applicable to your system)

4.5 Activity Diagrams (if applicable to your system)

4.6 Class Diagrams (if applicable to your system)

Out of these three at least you can include use case and activity diagrams. (Refer to System Analysis and Desgin, Avad)

4.7 User Interface Layout

How your forms do looks like. At least include the list of fields that appear in each of the forms that are being created in the system.

4.7 Structure of Reports Being Created

List the all kinds of reports that you intent to produce. Identify each report with a unique title and list the fields that appear in each of the reports.

4.8 Database Design

4.8.1 List of Entities and Attributes

4.8.2 E R Diagram

4.8.3 Structure of Tables

Chapter 5

Implementation

5.1Introduction

5.2 Tools/Scripts for Implementation

5.3 Process Logic

5.3.1 Module 1

5.3.2 Module 2

……

5.4 Coding

5.5 Screen Shots

5.5.1 Login page

5.5.2 xxxx page

……

Chapter 6

Testing

6.1Introduction

6.2 Unit Testing

6.3 Integration Testing

6.4 System testing

6.5 Test Plan & Test Cases

The primary objectives of test case design methods are to drive a set of test that has of highest likelihood of uncovering the defects. To accomplish this objective, two categories of test case design techniques are used. Black box testing and White box texting.

(Design test case for each module as given below)

6.5.1 Login Screen

Sl No	Test Case	Expected result	Observed result	Pass/Fail
1	Without entering user name and password, press login button.	It should prompt message “Invalid entry”	Message is prompted	Pass

2	Enter correct username and password. Click login button.	The application should be loaded.	Application loaded without error.	Pass

Chapter 7

Conclusion

The purpose of this section is to provide a summary of the whole thesis or report. In this context, it is similar to the Abstract, except that the Abstract puts roughly equal weight on all report chapters, whereas the Conclusions chapter focuses primarily on the findings, conclusions and/or recommendations of the project.

There are a couple of rules for this chapter:

1. All material presented in this chapter must have appeared already in the report; no new material can be introduced in this chapter. (rigid rule of technical writing).
2. Usually, you would not present any figures or tables in this chapter. (rule of thumb)

Conclusions section can have the following (typical) content. These contents need not be given in bulleted format.

- Re-introduce the project and the need for the work – though more briefly than in the intro;
- Re-iterate the purpose and specific objectives of your project.
- Re-cap the approach taken – similar to the road map in the intro; however, in this case, you are re-capping the data, methodology and results as you go.
- Summarize the major findings and recommendations of your work.

Future Work

Identify further works that can be added to make your system to meet the challenges of tomorrow. Or you can also include whatever requirements you could not fulfill due to the scarcity of time/resources.

References

Reference are to be listed in IEEE format. A sample format is as shown below.

[1] Steve Young, “The HTK Book”, Cambridge University Technical Services Ltd, December 1995.
[2] M.A. Zissman, "Language Identification using Phoneme Recognition and Phonotactic Language Modeling", in Proceedings ICASSP '95, 1995.
[3] Y.K. Muthusamy, E. Barnard, and R.A. Cole, "Reviewing Automatic Language Identification", in IEEE Signal Processing Magazine, October 1994.
[4] PHP 5 Tutorial, Available at http://www.w3schools.com/PHP/