# ABSTRACT

# ACKNOWLEDGMENT

.

|  |  |
| --- | --- |
| **Table of Contents** |  |
| Abstract | i |
| Acknowledgement | ii |
| **Chapter 1 Introduction** | **1** |
| 1.1 Project Summary | 1 |
| 1.2 Purpose | 1 |
| 1.3 Objective | 2 |
| 1.4 Scope | 2 |
| **Chapter 2 Project Management** | **3** |
| 2.1 Project Planning | 3 |
| 2.1.1 Project Development Approach and Justification | 3 |
| 2.1.2 Project Effort and Time, Cost Estimation | 4 |
| 2.1.3 Roles and Responsibilities | 4 |
| 2.2 Project Scheduling | 5 |
| **Chapter 3 System Requirements Study** | **6** |
| 3.1 User Characteristics | 6 |

* 1. [Hardware and Software Requirements 6](#_TOC_250019)
  2. [Assumptions and Dependencies 7](#_TOC_250018)

[Chapter 4 System Analysis 8](#_TOC_250017)

* 1. Study of Current System 8
  2. Problem and Weaknesses of the Current System 9
  3. [Requirements of New System 9](#_TOC_250016)
     1. [Functional Requirements 9](#_TOC_250015)
     2. [Non-Functional Requirements 11](#_TOC_250014)

[For OO Approach](#_TOC_250013)

* 1. [12](#_TOC_250012)
  2. [13](#_TOC_250011)
     1. [14](#_TOC_250010)

[For Conventional Approach](#_TOC_250009)

* 1. 15
  2. 16

[Chapter 5 System Design 20](#_TOC_250008)

5.1.1 20

[Chapter 6 Testing 21](#_TOC_250007)

* 1. [Testing Plan 21](#_TOC_250006)
  2. [Testing Strategy 22](#_TOC_250005)
  3. [Test Suites Design 23](#_TOC_250004)

6.3.1 Test Cases ( test ID, test condition , expected output , actual output , 24

remark )

[Chapter 7 Conclusion and Discussion 26](#_TOC_250003)

* 1. [Self Analysis of Project Viabilities 26](#_TOC_250002)
  2. Problem Encountered and Possible Solutions 26
  3. [Summary of Project work 27](#_TOC_250001)

Chapter 8 Limitation and Future Enhancement 30

[References 31](#_TOC_250000)

## List of Figures

## List of Tables

# CHAPTER 1 INTRODUCTION

## PROJECT SUMMARY

## PURPOSE

.

## OBJECTIVE

## SCOPE

# CHAPTER 2 PROJECT MANAGEMENT

## PROJECT PLANNING

### Project Development Approach

### Project Effort and Time, Cost Estimation

### Roles and Responsibilities

Table 2.1 Roles And Responsibilities

|  |  |  |
| --- | --- | --- |
| NAME | STUDENT ID | TASK JOB |
|  |  |  |
|  |  |  |
|  |  |  |

## 2.2 PROJECT SCHEDULING

# CHAPTER 3

**SYSTEM REQUIREMENTS STUDY**

### USER CHARACTERISTICS

### HARDWARE AND SOFTWARE REQUIREMENTS

**HARDWARE REQUIREMENTS**

.

### SOFTWARE REQUIREMENTS

### ASSUMPTIONS AND DEPENDENCIES

# CHAPTER 4 SYSTEM ANALYSIS

### PROBLEM AND WEAKNESS OF THE CURRENT SYSTEM

### REQUIREMENTS OF NEW SYSTEM

### Functional Requirements

### Non-Functional Requirements

### FOR OO APPROACH

### USE CASE DIAGRAM

### CLASS DIAGRAM

### 4.6.1 Sequence Diagram

### FOR CONVENTIONAL APPROACH

### DATA

### DATA MODELLING

SYSTEM DESIGN

# CHAPTER 5 SYSTEM DESIGN

## 5.1 STATE TRANSITION DIAGRAM

# CHAPTER 6 TESTING

## TESTING PLAN

## Test Plan Guidelines

# TESTING STRATEGY

* 1. **TEST SUITES DESIGN**

.

### 6.3.1 Test Case

# CHAPTER 7 CONCLUSION AND DISCUSSION

## SELF ANALYSIS OF PROJECT VIABILITIES

## PROBLEMS ENCOUNTERED AND POSSIBLE SOLUTIONS

## SUMMARY OF PROJECT WORK

C.S.P.I..T 29 U &P U. Patel Department of

# CHAPTER 8

**LIMITATION AND FUTURE ENHANCEMENT**

The limitations of our project are as follows:-