

Project Name

Project Report Submitted by

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In Partial fulfillment for the Award of the Degree Of

**INTEGRATED MASTER OF COMPUTER APPLICATIONS
(INMCA)
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**



**AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY**

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2022-2023

DEPARTMENT OF COMPUTER APPLICATIONS
AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY



CERTIFICATE

This is to certify that the Project report, “**PROJECT NAME**” is the bona-fide work of **STUDENT NAME (Regno: AJC00MCA-0000)** in partial fulfillment of the requirements for the award of the Degree of Integrated Master of Computer Applications under APJ Abdul Kalam Technological University during the year 2022-23.

Guide Name

Coordinator Name

Internal Guide

Coordinator

Rev. Fr. Dr. Rubin Thottupurathu Jose

Head of the Department

DECLARATION

I hereby declare that the project report “**PROJECT NAME**” is a bonafide work done at Amal Jyothi College of Engineering, towards the partial fulfilment of the requirements for the award of the Master of Computer Applications (MCA) from APJ Abdul Kalam Technological University, during the academic year 2022-2023.

Date:

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KANJIRAPPALLY

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STUDENT NAME

ABSTRACT

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List of Abbreviation

Eg. IDE - Integrated Development Environment

CHAPTER 1

INTRODUCTION

1.1 PROJECT OVERVIEW

1.2 PROJECT SPECIFICATION

CHAPTER 2

SYSTEM STUDY

2.1 INTRODUCTION

2.2 EXISTING SYSTEM

2.3 DRAWBACKS OF EXISTING SYSTEM

- .
- .
- .
- .

2.4 PROPOSED SYSTEM

2.5 ADVANTAGES OF PROPOSED SYSTEM

- **Abc**
- **Abc**
- **abc**

CHAPTER 3

REQUIREMENT ANALYSIS

3.1 FEASIBILITY STUDY

3.1.1 Economical Feasibility

3.1.2 Technical Feasibility

3.1.3 Behavioral Feasibility

3.2 SYSTEM SPECIFICATION

3.2.1 Hardware Specification

Processor -

RAM -

Hard disk -

3.2.2 Software Specification

Front End - HTML, CSS

Backend - MYSQL

Client on PC - Windows 7 and above.

Technologies used - JS, HTML5, AJAX, J Query, PHP, CSS

3.3 SOFTWARE DESCRIPTION

3.3.1 Eg.PHP

3.3.2 Eg. MySQL

CHAPTER 4

SYSTEM DESIGN

4.1 INTRODUCTION

4.2 UML DIAGRAM

4.2.1 USE CASE DIAGRAM

- Explanation, Diagram

4.2.2 SEQUENCE DIAGRAM

- Explanation, Diagram

4.2.3 State Chart Diagram

- Explanation, Diagram

4.2.4 Activity Diagram

- Explanation, Diagram

4.2.5 Class Diagram

- Explanation, Diagram

4.2.6 Object Diagram

- Explanation, Diagram

4.2.7 Component Diagram

- Explanation, Diagram

4.2.8 Deployment Diagram

- Explanation, Diagram

4.2.9 Collaboration Diagram

- Explanation, Diagram

4.3 USER INTERFACE DESIGN USING FIGMA

Form Name : abcc

Screenshot

Form Name : abcc

Screenshot

All Forms

4.4 DATABASE DESIGN

4.4.1 Relational Database Management System (RDBMS)

4.4.2 Normalization

4.4.3 Sanitization

4.4.4 Indexing

4.5 TABLE DESIGN

1.Tbl_users_login

Eg.Primary key: **loginid**

Eg.Foreign key **loginid** references table **Tbl_users_login**

No :	Fieldname	Datatype	Key Constraints	Description

CHAPTER 5

SYSTEM TESTING

5.1 INTRODUCTION

Explanation

5.2 TEST PLAN

Explanation

5.2.1 Unit Testing

explanation

5.2.2 Integration Testing

Explanation

5.2.3 Validation Testing or System Testing

Explanation

5.2.4 Output Testing or User Acceptance Testing

explanation.

5.2.5 Automation Testing

5.2.6 Selenium Testing

Example: Test Case 1

code

```
package test1;
import org.openqa.selenium.By;
public class login {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\Sangeetha\\Downl...");
        WebDriver driver=new ChromeDriver();
        driver.get("http://localhost/Crime-Reporting-System_user/userlogin.php");
        driver.findElement(By.id("exampleInputEmail1")).sendKeys("chithra@gmail.com");
        driver.findElement(By.id("exampleInputPassword1")).sendKeys("Chithra@12");
        driver.findElement(By.id("login")).click();
        String actualUrl="http://localhost/Crime-Reporting-System_user/userhome.php";
        String expectedUrl= driver.getCurrentUrl();
        if(actualUrl.equalsIgnoreCase(expectedUrl)) {
            System.out.println("Test passed");
        } else {
            System.out.println("Test failed");
        }
    }
}
```

Eg.screenshot

```

Starting ChromeDriver 103.0.5060.53 (a1711811edd74ff1cf2150f36ffa3b0dae40b17f-refs/branch-heads/5060@{#%
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDr
ChromeDriver was started successfully.
Jul 21, 2022 3:08:40 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected upstream dialect: W3C
Jul 21, 2022 3:08:40 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
INFO: Found exact CDP implementation for version 103
Test passed

```

Eg.Test report

Test Case 1					
Project Name:					
Login Test Case					
Test Case ID: Test_1			Test Designed By:		
Test Priority(Low/Medium/High):			Test Designed Date:		
Module Name:			Test Executed By :		
Test Title :			Test Execution Date:		
Description:					
Pre-Condition :User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/Fail)
1					
2					
3					
4					
5					

6					
7					
Post-Condition:					

Test Case 2: minimum 4 testcases

Code

Screenshot

Test report

CHAPTER 6

IMPLEMENTATION

6.1 INTRODUCTION

Explanation

6.2 IMPLEMENTATION PROCEDURES

Explanation

6.2.1 User Training

Explanation

6.2.2 System Maintenance

Explanation

6.2.3 Training on the Application Software

Explanation

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

7.1 CONCLUSION

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7.2 FUTURE SCOPE

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CHAPTER 8

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WEBSITES:

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CHAPTER 9

APPENDIX

9.1 Sample Code

Main functionalities

9.2 Screen Shots