**Project Title Name**

A Project Report

submitted in partial fulfillment of the requirements

of

…………….Track Name Certificate……

by

**Name of Student, 0261184806**

**Name of Student, 0261184806**

**Name of Student, 0261184806**

**Name of Student, 0261184806**

Under the Esteemed Guidance of

**Name of Guide**

**ACKNOWLEDGEMENT**

We would like to take this opportunity to express our deep sense of gratitude to all individuals who helped us directly or indirectly during this thesis work.

Firstly, we would like to thank my supervisor, …………….., for being a great mentor and the best adviser I could ever have. His advice, encouragement and critics are source of innovative ideas, inspiration and causes behind the successful completion of this dissertation. The confidence shown on me by him was the biggest source of inspiration for me. It has been a privilege working with him from last one year. He always helped me during my thesis and many other aspects related to academics. His talks and lessons not only help in thesis work and other activities of college but also make me a good and responsible professional.

……...

#### This Acknowledgement should be written by students in your own language (Do not copy and Paste)

#### …..

……

….

……

#### ABSTRACT

**TABLE OF CONTENTS**

Abstract

List of Figures

List of Tables

**Chapter 1.**  **Introduction**  **1**

1.1 A 1

1.2 B 1

1.3 C 1

1.4. D 1

1.5. E 1

1.6 F 1

**Chapter 2.**  **Literature Survey**  **1**

2.1 F 1

2.2 G 1

**Chapter 3.**  **Proposed Methodology** **2**

3.1 H 2

3.2 I… 2

**Chapter 4.**  **Implementation and Results**  **4**

5.1. O 4

5.2. P 4

**Chapter 5.**  **Conclusion**  **5**

**Github Link......................................................................................................................**

**Video Link........................................................................................................................**

**References** **…..**

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
|  |  | **Page No.** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**LIST OF TABLES**

|  |  |  |
| --- | --- | --- |
|  |  | **Page No.** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**CHAPTER 1**

**INTRODUCTION**

**CHAPTER 1**

**INTRODUCTION**

1. **Problem Statement:**
2. **Problem Definition:**
3. **Expected Outcomes:**
4. **Organization of the Report**

The remaining report is organized as follows:

Chapter 2

Chapter 3

Chapter 4

Chapter 5

Chapter 6

**CHAPTER 2**

**LITERATURE SURVEYCHAPTER 2**

**LITERATURE SURVEY**

1. **Paper-1**

**Robust Real-Time Face Detection by Paul Viola and Michael A. Jones, 2003**

* 1. **Brief Introduction of Paper:**
  2. **Techniques used in Paper:**

**CHAPTER 3**

**PROPOSED METHODOLOGYCHAPTER 3**

**PROPOSED METHODOLOGY**

* 1. **System Design**
     1. **Registration**:
     2. **Recognition:**
  2. **Modules Used**
     1. **Face Detection:**
  3. **Data Flow Diagram**

A Data Flow Diagram (DFD) is a graphical representation of the "flow" of data through an information system, modeling its process aspects. A DFD is often used as a preliminary step to create an overview of the system, which can later be elaborated. DFDs can also be used for the visualization of data processing (structured design).

* + 1. **DFD Level 0**
    2. **DFD Level 1 - Student Face Registration Module:**
    3. **DFD Level 1 - Student Face Recognition Module:**
    4. **DFD Level 1 - Concentration Analysis Module:**
  1. **Advantages**
  2. **Requirement Specification**
     1. **Hardware Requirements:**

**Software Requirements:**

**CHAPTER 4**

**Implementation and Result**

**CHAPTER 4**

**IMPLEMENTATION and RESULT**

1. **Results of Face Detection**
2. **Results of Face Recognition**
3. **Result Of Concentration Analysis**

**CHAPTER 5**

**CONCLUSIONCHAPTER 5**

**CONCLUSION**

**ADVANTAGES:**

**SCOPE:**

**REFERENCES**

1. Ming-Hsuan Yang, David J. Kriegman, Narendra Ahuja, “Detecting Faces in Images: A Survey”, IEEE Transactions on Pattern Analysis and Machine Intelligence, Volume. 24, No. 1, 2002.

**APPENDIX**