A MINOR PROJECT MID TERM REPORT

ON

**FACE DETECTION AND RECOGNITION**

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Sincerely,

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**ABSTRACT**

Albeit all of our sense organs are significant in different ways, we are often disposed to make use of visual and audial means more frequently to perceive, recognize and use it as a means of communication. As it is eminent that human mind is the nature’s state of the art; moreover, the concept behind running of whole body system is simple yet consists of astoundingly complex neural connection. Furthermore, all the sensory perceptions via receptor organs are transmitted in form of electrical signals to brain – where the brain; as a complex combination of logic processor, processes those input signals to generate a fruitful output by means of motor organs (i.e. Muscular movement, Speech).

Current system of Face Detection and Recognition (FDR) is intended to mimic the brain in tandem with human eye, in the way we innately perceive vision and communicate information. Keeping pace with the last 60 years of continuous research and development of advanced hardware and algorithms; using computer-based recognition system has indeed evolved to become increasingly efficient, reliable and accurate.

TABLE OF CONTENTS

1. ACKNOWLEDGEMENT i
2. ABSTRACT ii
3. TABLE OF CONTENTS iii
4. LIST OF FIGURES iv
5. LIST OF TABLES iv
6. ABBREVIATION iv
7. INTRODUCTION 1
   1. Literature Review 1
   2. Background 2
   3. Objectives 3
   4. Applications 4
   5. Entity Relationship Diagram 5
8. PROBLEM STATEMENT 6
9. METHODOLOGY 7
10. EXPECTED OUTPUT 8
11. SCHEDULE 9
12. CONCLUSION 10
13. REFERENCE 11