**CONTENTS**

|  |  |
| --- | --- |
|  | **Page No** |
| **ACKNOWLEDGEMENT** | iii |
| **ABSTRACT** | iv |
| **LIST OF FIGURES** | v |
| **1. INTRODUCTION** | 1 |
| 1.1. Motivation | 1 |
| 1.2. Basic definition | 1 |
| 1.3. Problem Statement  1.4 Existing system | 2  2 |
|  |  |
| **2. PROPOSED SYSTEM** | 3 |
| 2.1. Methodology  2.2 Architecture of proposed system  2.2.1 Flow of kicksmarter | 3  4  5 |
| **3. REQUIREMENTS**  **3.1 Software Requirements**  3.1.1 Python  3.1.2 Anaconda  3.1.3 C++  3.1.4 Arduino IDE  **3.2 Hardware Requirements**  3.2.1Arduino Hardware  3.2.2 Jumper wires  3.2.3 Breadboard  3.2.4 Resistors  **4. SYSTEM DESIGN**  4.1 Flow chart  4.2 Use case diagram | 6  6  6  6  7  7  8  8  8  9  9  12  12  13 |
| **5. IMPLEMENTATION OF PROJECT**  5.1 Requirements | 14  14 |
| **6. RESULTS** | 18 |

**7. CONCLUSION AND FUTURE SCOPE** 21

**Page No**

**BIBLIOGRAPHY** 22