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FINAL YEAR PROJECT REPORT

HORIZONTAL LEVELING & AUTOMATIC WHEELCHAIR

In fulfillment of the requirement
For degree of
BCE (COMPUTER ENGINEERING)

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2017

ACKNOWLEDGEMENT

We are immensely obliged to all those who have helped us in making this project successful. We are highly confound and glorified by other's contributions to the extent that it could not have been completed timely under the given circumstances.

We are tremendously indebt to the faculty of Bahria University Karachi Campus especially our supervisor Dr Moazzam Fareed Niazi for their governance and oversight for contribution necessary information related to the project and also to the lead PMO Engr Nabiha Faisal for reinforcing us in the completion of the project.

We would also like to bring into acknowledgement the magnificent assistance of Engr Mursaleen Javed in every part of this endeavor, particularly his insight into the MIS of the system.

Last but not the least, an honorable mention goes for the entire team, namely: Muhtashim Abdul Jabbar, Ahsan Abbas, Natiq Hussain for having the faith in each to complete the project while undergoing the obstacles of life and still holding on to each other.

ABSTRACT

Since the start of humanity, humans are enhancing themselves in science and innovation. This is to defeat his challenges and reach and improvise his comfort levels.

It's not that each man is born perfect some have their own challenges, issues and inabilities. Some are since their birth and some by the round of time. They battle a great deal to lead life in the society.

Wheelchair is a standout amongst the most generally utilized assistive devices for improving individual mobility, which is a precondition for getting a charge out of human rights and living in respect and helps individuals with inabilities to end up there difficult life and to become a productive member of society.

The creation of HORIZONTAL LEVELING AND AUTOMATIC WHEELCHAIR is one of the commitments for such physically challenged individuals. It is a help for them. Since from the day wheelchair was imagined, it has been ceaselessly enhancing to raise its comfort level and with whatever number elements as could be allowed. We have gone over many sorts of wheelchairs with various shapes, sizes, components, sources, materials and so on. For some individuals, a proper, very much outlined and all around fitted wheelchair can be the initial move towards consideration and participation in society.

We as a whole realize that incapacitate individuals can't run, jump reach all place they wish to go. These suppress the mental level of those individuals and they begin feeling themselves as "burden" to others. To defeat this mental misery, the comfort level should be raised up to the peak, where they can do each one of those things that a normal person can do. So this is our little step to achieve the peak. We wish that this work will become a contribution for the society helping extensive number of handicapped.

Keywords- Assistive Devices, Mobility, Artificial Intelligence, Horizontal Leveling Wheelchair.

Table of Contents

Chapter 1 INTRODUCTION	3
1.1 Purpose of the Project	3
1.2 Purpose of this Document	3
1.3 Overview of this Document	4
1.4 Existing System	5
1.4.1 Existing system description	5
1.4.2 Problems in the existing system	7
Chapter 2 SYSTEM ANALYSIS	8
2.1 Data Analysis	8
2.1.1 Data flow diagrams	8
2.1.2 System requirements	12
2.1.3 Proposed Solutions	16
2.1.4 Alternative Solutions	16
Chapter 3 DESIGN CONSIDERATIONS	17
3.1 Design Constraints	17
3.1.1 Hardware and software environment	17
3.1.2 End user characteristics	18
3.2 Architectural Strategies	18
3.2.1 Algorithm to be used	18
3.2.2 Project management strategies	19
3.2.3 Development method	19
3.2.4 Future enhancements/plans	20
Chapter 4 SYSTEM DESIGN	21
4.1 System Architecture and Program Flow	21
4.1.1 Major modules	21
4.1.2 Sub modules	21
4.1.1 Major modules	24
4.1.1 Sub modules	33
4.2 Detailed System Design	41
4.2.1 Detailed component description	41
Chapter 5 – Implementation and Validation	42
5.1 Testing	42
5.2 Component Test Plans	42
5.3 Motor	42
5.3.1 Power Testing	42
5.3.2 Torque Testing	42
5.3.3 Speed Testing	43
5.4 Brakes	43
5.4.1 User-controlled Braking System	43
5.4.2 Attendant-controlled Braking System	43
5.5 Structure	43

5.6 Integration Test Plans	44
5.7 Electrical Testing	44
5.7.1 Speed Testing	44
5.7.2 Directional Testing	44
5.7.3 Emergency Stop Testing	45
5.8 Circuit Diagram	45
Chapter 6 FEASIBILITY REPORT	46
6.1 Technical Feasibility.....	46
6.1.1 Required Hardware Configuration	46
6.1.2 Required Software Tools.....	46
6.2 Schedule Feasibility.....	47
6.3 Operational Feasibility.....	47
6.3.1 WBS (Work Breakdown Structure)	47
6.3.2 Resource Usage	48
6.3.3 Resource Sheet	48
6.3.4 Flowchart/Tabular Excel Sheet	49
6.4 Economic Feasibility	50
6.4.1 Development Costs.....	50
6.4.2 Total Project Cost (Approx.).....	50
7.0 Appendix Code.....	51
Hardware Arduino code:.....	51
7.1 Appendix References	53