FINAL YEAR PROJECT REPORT

Automated Liquid Flow Control Using LCD's

A PROJECT REPORT

Submitted by

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BACHELOR OF SCIENCE

IN

ELECTRICAL ENGINEERING

SCHOOL OF ENGINEERING

UNIVERSITY OF MANAGEMENT AND TECHNOLOGY

September, 2015

A PROJECT REPORT

Submitted by

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In partial fulfillment of the requirements for the award of degree

Of

BACHELOR OF SCIENCE

IN

ELECTRICAL ENGINEERING

APPROVED

Project Advisor_____ Director Project(s) _____

DEPARTMENT OF ELECTRICAL ENGINEERING

SCHOOL OF ENGINEERING

UNIVERSITY OF MANAGEMENT AND TECHNOLOGY

September, 2015

Declaration of Originality

Here by we pronounce that work and advancement expressed in this report and undertaking is totally our own particular work and nothing in this archive is duplicate glue from some other sources.

Group member's signature

Hafiz M. Bilal Qadir

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Advisor Signature (jamil Ahmed sb)

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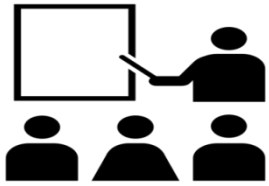

ACKNOWLEDGEMENT

O Lord Let not our hearts go astray from reality after you have guided us and offered to us, leniency from your elegance, verily you are the Giver of bounties without measure.Up or more, everything, all appreciation to ALMIGHTY ALLAH, the caring and the Merciful, who empowered us to explain a drop from the current sea of learning? Innumerable welcome is upon the HOLY PROPHET MUHAMMAD (PBUH), the guide of information, who has guided his "UMMAH" to look for learning from support to grave.

This is to place on record my thankfulness and profound appreciation to the persons without whose bolster this task would never see the light of day.

I wish to express my propound feeling of appreciation to **Dr. Salim Abid Tabassum** Professor/ Dean School of Engineering, UMT for his direction, consolation, and for all offices to finish this undertaking.

I in like manner express my sincere because of **Dr. Sajjad H Shami** Professor, Chairperson Department of Electrical Engineering additionally, to amplify their help.

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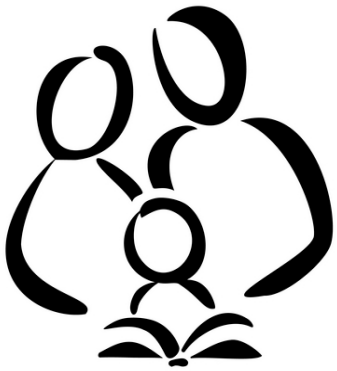
Finally, I express my actual thankfulness to **Jamil Ahmed** Lecturer, UMT and what not the people from workforce and my buddies who contributed their critical direction and served to finish the endeavor viably.



DEDICATION

We don't have words at summon in perceiving that all credit goes to our inviting Parents, our kin and sisters for their pleasing attitude and love, gigantic orison, full affections, inspiration, well-wishing and unmistakable interest which cheer us to gain ground in each circle of life. Their supplications to ALLAH are the establishments of our flourishing.

Partners are the battle's companions, the battle to make learning, channel myths and assurances and to remove vulnerability. They co-shared our fight and our work. We express our appreciative affections for each one of our mates for their phenomenal backing. We think they ought to be saluted.

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CHAPTER NO.1

INTRODUCTION

INTRODUCTION

Electronic fluid Control System will offer advancement computerization control through visual information logging, pushing reporting at the inspiration driving manage.

- Our modified fluid directing framework will be preferably suited for designating applications in the
- Chemical,
- Medical,
- Auto business meanders

Besides, in addition for other general gathering processes. It will offer careful and repeatable fluid dislodging without the cerebral miseries connected with pneumatic frameworks obliging experimentation similitude. Approaches stay untouched and safe. The sagacious changed controlling framework satisfactorily Work for volume and the fitting rate to perform careful, repeatable distributing parameters.