VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590014

DBMS MINI PROJECT REPORT
ON
"Title of DBMS MINI Project"

Submitted in partial fulfillment of the requirements for the Degree of

BACHELOR OF ENGINEERING

In

INFORMATION SCIENCE AND ENGINEERING

For the Academic Year 2021-2022

Submitted By

Student NameS

(USN)

Under the guidance of

Dr. Chayadevi M.L.

Associate Professor, ISE

DEPARTMENT OF INFORMATION SCIENCE OF ENGINEERING

JSS ACADEMY OF TECHNICAL EDUCATION

JSSATEB Campus, Dr Vishnuvardhan Road, Uttrahalli

Kengeri Main Road.

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that DBMS MINI PROJECT Report entitled "TITLE" is a bonafide work carried out STUDENTS NAME [USN] inpartial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University Belagavi during the year 2021-22.

Signature of the Guide

Dr. Chayadevi M.L.
Associate Professor
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JSSATE, Bengaluru

Signature of the HOD

Dr. Rekha PM
Dept. of ISE
JSSATE, Bengaluru

Signature of the EXAMINERS

1.

2.

ACKNOWLEDGEMENT

The satisfaction and euphoria that accompany the successful completion of any task would be incomplete without the mention of the people who made it possible. So with gratitude, we acknowledge all those whose guidance and encouragement crowned my effort with success.

First and foremost we would like to thank his **Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji** and **Dr. Mrityunjaya V Latte**, Principal, JSSATE, Bangalore for providing an opportunity to carry out DBMS LAB WITH MINI PROJECT WORK as a part of our curriculum in the partial fulfilment of the degree course.

We express our sincere gratitude for our Head of the department, **Dr. Rekha PM**, for co-operation and encouragement .

It is our pleasant duty to place on record our deepest sense of gratitude to our respected guide **Dr. Chayadevi M.L.,** Associate Professor**,** for the constant encouragement, valuable help and assistance in every possible way.

We would like to thank all **ISE department teachers** and **non teaching staff** for providing us with their valuable guidance and for being there at all stages of our work.

STUDENT NAMEs WITH USN

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FIGURE INDEX

ABSTRACT

This paper examines obstacle avoidance framework in quadcopter-based drone. A model was constructed and offline evaluations were taken place. The model worked by utilizing 4 propellers; an Arduino module was embedded to measure the obstacle avoidance. Six ultrasonic sensors were embedded to identify obstacle presence and fuzzy based calculation decided the drone decision to environmental factors. Assessments were led to decide distance sensor performances. Study revealed that sensor establishments ought to be far enough from the propellers as noises disrupt the ultrasonic sensors. Offline test that were conducted shows small error on estimated distance, while online test shows higher error. Further solution is needed to keep up distance estimation error low.

I: INTRODUCTION

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II: LITERATURE SURVEY

WRITE ALL TOOLS AND TECHNIQUES AND SOFTWARE REQUIREMENTS

III: DESIGN

WRITE ALL DESIGN AND METHODOLOGY DRAWAINGS AND EXPLANATION FOR EACH. WRITE ER DIAGRAM , SCHEMA, TABLES, DESCRIPTIONS, SQL,

IV: DRONE IMPLEMENTATION AND ASSESSMENT

WRITE ALL QUERIES AS PER AIM AND OBJECTIVES , INSERT VALUES, CONSTRAINTS, TRIGERS AND ALL VIOLATION ALERTS, PROCEDURES ETC

V: EXPERIMENTAL RESULTS

WRITE COMPLETE RESULTS INCLUDING ALL SCREEN SHOT OF FRONT END AND EXAPLAIN EACH DIAGRAM

VII. CONCLUSION AND FUTURE WORK

WRITE SCOPE OF PROJECT, BENEFITS OR ADVANTAGES, SOCIAL IMPORTANCE, SCOPE OF FUTURE WORK ETC

VIII. REFERENCES

[1] Joseph Azeta1, 2, Christian Bolu1 , Daniel Hinvi1 and Abiodun A Abioye "Obstacle detection using ultrasonic sensor for a mobile robot", *https://iopscience.iop.org/article/10.1088/1757-899X/707/1/012012/pdf*

WRITE ALL REFERED SITES, BOOKS, JOURNALS ETC