

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELGAUM – 590 014



A DBMS Mini-Project Report on

“BUG TRACKING SYSTEM”

A project report submitted in partial fulfilment of the requirements for the reward of the degree of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belgaum.

Submitted by:

CHANDANA R S (1DT17IS015)

NAYANA U S (1DT17IS045)

Under the guidance of:

Mrs. SUPREETHA GANESH

(Assistant Professor, Dept. of ISE, DSATM)



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi

(All B.E Courses Accredited by NBA, New Delhi)

Udayapura, Kanakapura Road, Bangalore-560082

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi
(All B.E Courses Accredited by NBA, New Delhi)
Udayapura, Kanakapura Road, Bangalore-560082

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project work entitled “**BUG TRACKING SYSTEM**” is carried out by **CHANDANA R S (1DT17IS015)** and **NAYANA U S (1DT17IS045)** in partial fulfillment for the award of the degree of **Bachelor of Engineering in Information Science and Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2019-20. The project report has been approved as it satisfies the academic requirements with respect to the work prescribed for the award of Bachelor of Engineering Degree.

Mrs. SUPREETHA GANESH

(Assistant Professor, Dept. of ISE, DSATM)

Dr. SUMITHRA DEVI K A

(Dean Academics &HOD, Dept. of ISE, DSATM)

Examiner:

1. _____

2. _____

ACKNOWLEDGEMENT

We express our profound gratitude to **Dr. B R Lakshmikantha, Principal, DSATM, Bangalore**, for providing the necessary facilities and an ambient environment to work.

We are grateful to **Dr. Sumithra Devi K A, Dean Academics and Head of Department, Information Science and Engineering, DSATM, Bangalore**, for her valuable suggestions and advice throughout our work period.

We would like to express our deepest gratitude and sincere thanks to our guides **Mrs.SUPREETHA GANESH, Assistant Professor, Department of Information Science and Engineering, DSATM, Bangalore**, for her keen interest and encouragement in the project whose guidance made the project into reality.

We would like to thank all the staff members of **Department of Information Science and Engineering** for their support and encouragement during the course of this project.

Definitely most, We would like to thank my/our parents, all my family members and friends, without whose help and encouragement this project would have been impossible

ABSTRACT

This project “**Bug Tracking System**” is employed only in some of the large software development houses. Most of the others never bothered with bug tracking at all, and instead simply relied on shared lists and email to monitor the description of defects. This procedure is error-prone and tends to cause those bugs judged least significant by developers to be dropped or ignored.

Bug Tracking System is an ideal solution to track the bugs of a product, solution or an application. Bug Tracking System allows individual or groups of developers to keep track of outstanding bugs in their product effectively. This can also be called as Defect Tracking System.

The Bug Tracking System can dramatically increase the productivity and accountability of individual employees by providing a documented work flow and positive feedback for good performance.

TABLE OF CONTENTS

CHAPTER NO.	TITLE	PAGE NO.
	ACKNOWLEDGEMENT	
	ABSTRACT	
	TABLE OF CONTENTS	
1	INTRODUCTION	1
2	REQUIREMENT ANALYSIS	2
3	DESIGN	3
4	IMPLEMENTATION	7
5	TESTING	16
6	SNAPSHOTS	18
7	CONCLUSION AND FUTURE ENHANCEMENT	24

