TIT-TAT

Project Report SubmittedBy

VIVIN V ABRAHAM

Reg. No.: AJC20MCA-2088

In Partial fulfillment for the Award of the Degree Of

REGULAR MASTER OF COMPUTER APPLICATIONS (2 YEAR MCA) APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY



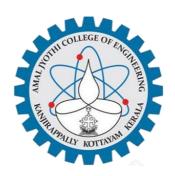
AMAL JYOTHI COLLEGE OF ENGINEERING KANJIRAPPALLY

[Affiliated to APJ Abdul Kalam Technological University, Kerala. Approved by AICTE, Accredited by NAAC with 'A' grade. Koovappally, Kanjirappally, Kottayam, Kerala – 686518]

2021-2022

DEPARTMENT OF COMPUTER APPLICATIONS AMAL JYOTHI COLLEGE OF ENGINEERING

KANJIRAPPALLY



CERTIFICATE

This is to certify that the Project report, "TIT-TAT" is the bonafide work of VIVIN V ABRAHAM (Reg.No: AJC20MCA-2088) in partial fulfillment of the requirements for the award of the Degree of Regular Master of Computer Applications under APJ Abdul Kalam Technological University during the year 2021-2022.

Mrs. Ajith G.S Internal Guide Ms. Grace Joseph Coordinator

Rev.Fr.Dr.Rubin Thottupurathu Jose
Head of the Department

DECLARATION

I hereby declare that the project report "TIT-TAT" is a bonafided work done at Amal Jyothi

College of Engineering, towards the partial fulfilment of the requirements for the award of the

Degree of Regular Master of Computer Applications (MCA) from APJ Abdul Kalam

Technological University, during the academic year 2021-2022.

Date: 22/02/2022

VIVIN V ABRAHAM

KANJIRAPPALLY

Reg. No: AJC20MCA-2088

ACKNOWLEDGEMENT

First and foremost, I thank God almighty for his eternal love and protection throughout the project. I take this opportunity to express my gratitude to all who helped me in completing this project successfully. It has been said that gratitude is the memory of the heart. I wish to express my sincere gratitude to our manager **Rev. Fr. Dr. Mathew Paikatt** and Principal **Dr. Lillykutty Jacob** for providing good faculty for guidance.

I owe a great depth of gratitude towards our Head of the Department Rev.Fr.Dr. Rubin Thottupurathu Jose for helping us. I extend my whole hearted thanks to the project coordinator Ms. Grace Joseph for their valuable suggestions and for overwhelming concern and guidance from the beginning to the end of the project. I would also like to express sincere gratitude to my guide, Mrs. Ajith G.S for her inspiration and helping hand.

I thank our beloved teachers for their cooperation and suggestions that helped me throughout the project. I express my thanks to all my friends and classmates for their interest, dedication, and encouragement shown towards the project. I convey my hearty thanks to my family for the moral support, suggestions, and encouragement to make this venture a success.

VIVIN V ABRAHAM

ABSTRACT

The real power of this project is not just bought and sell something, but in the formation of stronger relationships with buyer and seller to delivering of a high level of service and support, which in turn improves organization services and its goodwill. The TIT-TAT Project is a software application which avoids buying and selling of used useful products on the basis of real money. This website keeps the data in a centralized way which is available to all the users at the same time. It manages historical data in database.

New thing that included in this project is that the customers can buy or sell products without any transaction of money in any means. And also, the customer's product is verified and evaluated and by an evaluator based on the details they provided. Customers can set their demanded product based on the value of their product with needs and specifications.

CONTENT

Sl. No	Topic	Page No
1	INTRODUCTION	1
1.1	PROJECT OVERVIEW	2
1.2	PROJECT SPECIFICATION	2
2	SYSTEM STUDY	4
2.1	INTRODUCTION	5
2.2	EXISTING SYSTEM	6
2.3	DRAWBACKS OF EXISTING SYSTEM	6
2.4	PROPOSED SYSTEM	6
2.5	ADVANTAGES OF PROPOSED SYSTEM	7
3	REQUIREMENT ANALYSIS	8
3.1	FEASIBILITY STUDY	9
3.1.1	ECONOMICAL FEASIBILITY	9
3.1.2	TECHNICAL FEASIBILITY	10
3.1.3	BEHAVIORAL FEASIBILITY	10
3.2	SYSTEM SPECIFICATION	11
3.2.1	HARDWARE SPECIFICATION	11
3.2.2	SOFTWARE SPECIFICATION	11
3.3	SOFTWARE DESCRIPTION	11
3.3.1	PHP	11
3.3.2	MYSQL	12
4	SYSTEM DESIGN	14
4.1	INTRODUCTION	15
4.2	UML DIAGRAM	15
4.2.1	USE CASE DIAGRAM	18
4.2.2	SEQUENCE DIAGRAM	19
4.5	USER INTERFACE DESIGN	22
4.6	DATA BASE DESIGN	27
5	SYSTEM TESTING	34
5.1	INTRODUCTION	35
5.2	TEST PLAN	36

5.2.1	UNIT TESTING	36
5.2.2	INTEGRATION TESTING	37
5.2.3	VALIDATION TESTING	37
5.2.4	USER ACCEPTANCE TASTING	38
6	IMPLEMENTATION	39
6.1	INTRODUCTION	40
6.2	IMPLEMENTATION PROCEDURE	40
6.2.1	USER TRAINING	41
6.2.2	TRAINING ON APPLICATION SOFTWARE	41
6.2.3	SYSTEM MAINTENANCE	41
7	CONCLUSION & FUTURE SCOPE	42
7.1	CONCLUSION	43
7.2	FUTURE SCOPE	43
8	BIBLIOGRAPHY	44
9	APPENDIX	46
9.1	SAMPLE CODE	47
9.2	SCREEN SHOTS	72

List of Abbreviation

IDE - Integrated Development Environment

HTML - Hyper Text Markup Language.

CSS - Cascading Style Sheet

SQL - Structured Query Language

PHP - PHP Hypertext Preprocessor

UML - Unified Modeling Language