CANDIDATE'S DECLARATION

We, SHIVENDRA PRAKASH MISHRA (1816210078), SANDHYA SINGH

(1816210061), ABHISHEK SINGH (1901620109003), students of BTech of Computer

Science and Engineering hereby declared that we own the full responsibility for the

information, results etc provided in this project titled "TECH SHOP" submitted to DR. A.P. J

Abdul Kalam Technical University, Lucknow for award of BTech (Computer Science and

Engineering) degree. We have taken care in all respect to honour the intellectual property right

and have acknowledged the contributions of others for using them in this academic purpose.

We further declared that in case of any violation of intellectual property right or copyright, we

as the candidate would be fully responsible for the same. Our supervisor and institute should

not be held for full or partial violation of copy right if found at any stage of our degree.

Date:10/05/2022

Place: PRAYAGRAJ

SHIVENDRA PRAKASH MISHRA

(1816210078)

SANDHYA SINGH

(1816210061)

ABHISHEK SINGH

(1901620109003)

- i -

CERTIFICATE

This is to certify that the project work entitled "TECH SHOP", submitted by SHIVENDRA PRAKASH MISHRA (1816210078), SANDHYA SINGH (1816210061), ABHISHEK SINGH (1901620109003) to the DR. A.P.J. Abdul Kalam Technical University, Lucknow, for the partial fulfilment of the requirement for the award of Bachelor of Technology (Computer Science and Engineering) degree, is a record of student's own study carried out under my supervision and guidance.

This project has not been submitted to any other university or institution for the award of any other degree.

SUPERVISOR

(MR. PRASHANT SHRIVASTAVA)

Assistant Professor

Department of CSE

SIET, Prayagraj

ACKNOWLEDGEMENT

We SHIVENDRA PRAKASH MISHRA (1816210078), SANDHYA SINGH (1816210061), ABHISHEK SINGH (1901620109003), are grateful to the management of Shambhunath Institute of Engineering & Technology for providing us an opportunity to undertake our major project in its prestigious college. We are grateful and thankful to Mr. PRASHANT SRIVASTAVA and all the other senior staff of the college, as they have helped us in every possible way. They put us under good supervision which helped in learning a lot of new things about the project and its various applications. They also provided us with all the necessary information needed. We must make special mention of our H.O.D. Dr. Radha Raman Chandan, for providing us a platform to complete our project successfully. We would thank all the lab maintenance staff for providing assistance in various H/W & S/W problem encountered during course of our project. We are also very thankful to respected project coordinator who gave us an opportunity to present this project.

ABSTRACT

Our project is **TECH SHOP.** This is a website which help user to find and buy all types of electronics gadgets. It is useful in the way that it makes an easier way to buy and sell electronics gadgets online. **TECH SHOP** is an interactive ecommerce website providing users with an opportunity to buy and sell electronic gadgets.

In this website we have 3 modules. The first module includes the customer module and second module includes seller module and third module includes admin module.

The customer has to register for purchasing anything. The registered customer can view details of ordered product and payment status. And after the order of product, he will get home delivery within some days.

The seller or vendor has to request to admin to register him through email. And registered seller can view the order details. He has the ability to add, delete and update any information regarding the products.

The admin module contains the access of admin page on the website. He has the ability to add, delete and update any information regarding the products.

CONTENTS

Candidate's Declaration	i
Certificate	
Acknowledgement	
Abstract	
Table of Contents List of Figures	
List of Figures	·== V11
CHAPTER 1: INTRODUCTION	
1.1 Introduction	1
1.2 Complexity of the Problem	2
1.3 Objective	3
1.4 Motivation	4
1.5 Methodology	5
CHAPTER 2: BACKGROUND AND RELATED WORK	
2.1 Background and related work	 7-8
CHAPTER 3: LITERATURE SURVEY AND INFERENCES DRAWN	
3.1 Literature Review	10-11
CHAPTER 4: PROPOSED MODEL	
4.1 Business Model	13-14
CHAPTER 5: DESIGNING PHASE	
5.1 Front end Design	16-17
5.2 Database Design	18
5.3 Data Flow Diagram	19
5.4 ER Diagram	20
5.5 Key role of Admin	21
5.6 Key role of vendor	

5.7 Key role of Customer23-24
CHAPTER 6: REQUIREMENT ANALYSIS
6.1 Server-side requirement26
6.2 client-side requirement26
CHAPTER 7: RESULT AND FUTURE WORK
7.1 Home Page28
7.2 Admin login page28
7.3 Customer registration page29
7.4 Customer login page29
7.5 Product Page30
7.6 Database Table30
7.7 Future work31
CHAPTER 8: CONCLUSION
8.1 Conclusion33
REFERENCES34

LIST OF FIGURES

Figure No.	Figure Description	Page No.
Fig. 1	Iterative model	5
Fig. 2	Business model	13
Fig. 3	Visual studio code (file menu)	16
Fig. 4	Front end design (language selection)	17
Fig. 5	Front end design (coding platform)	17
Fig. 6	Database design	18
Fig. 7	0 level DFD	19
Fig. 8	1 level DFD	19
Fig. 9	ER Diagram	20
Fig.10	Admin login page	21
Fig. 11	Vendor registration page	22
Fig. 12	Customer registration page	23
Fig. 13	Customer registration page	24
Fig.14	Home page	28
Fig.15	Result: Admin login page	28
Fig.16	Result: customer registration page	29
Fig.17	Result: customer login page	29
Fig.18	Product Page	30
Fig.19	Database Table	3