A
Summer Internship Report
On
"E-Commerce Website"

(IT346 – Summer Internship - I)

Prepared by
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Under the Supervision of
Asst. Prof. Dhaval Patel

Submitted to

Charotar University of Science & Technology (CHARUSAT)
for the Partial Fulfillment of the Requirements for the
Degree of Bachelor of Technology (B.Tech.)
for Semester 5

Submitted at

Accredited with Grade A+ by NAAC
Accredited with Grade A by KCG

SMT. KUNDANBEN DINSHA PATEL DEPARTMENT OF INFORMATION TECHNOLOGY

Chandubhai S. Patel Institute of Technology (CSPIT)
Faculty of Technology & Engineering (FTE), CHARUSAT
At: Changa, Dist: Anand, Pin: 388421.
August, 2023

CERTIFICATE

This is to certify that the report entitled **"E-commerce Website"** is a bonafide work carried out by **Mr.Ayush Dave (21IT024)** under the guidance and supervision of **Asst. Prof. Dhaval Patel** & **Mr. Mohammed Modi** for the subject **Summer Internship – I (IT346**) of 5th Semester of Bachelor of Technology in **Department of Information** at Chandubhai S. Patel Institute of Technology (CSPIT), Faculty of Technology & Engineering (FTE) – CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of the candidate himself, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred by the examiner(s).

Under the supervision of,

Asst. Prof. Dhaval Patel
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Information Technology
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Mohammed Modi
Mr. Mohammed Modi
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CHARUSAT, Changa, Gujarat.

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At: Changa, Ta. Petlad, Dist. Anand, Pin: 388421. Gujarat.

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To,

16th June,2023

Dr. Parth Shah

Charotar University of Science and Technology

Subject : Completion of Internship

Dear Sir/Mam,

We are pleased to tell you that **Mr. Ayush Ashishbhai Dave** who is in 4th Semester in Information Technology Department of your institute has successfully completed his Internship in Website Development at MIRACLE TechnoLabs for 1 Month.

He has learned all the modules which are necessary for Website Development and also have gained knowledge about HTML, CSS, Javascript, Bootstrap & Wordpress.

Sincerely
Mohammed Modi
Founder & CEO
MIRACLE TechnoLabs

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CERTIFICATE OF
INTERNSHIP

This certificate is proudly presented to

Mr. AYUSH DAVE

We found him / her sincere, hardworking, dedicated and well oriented. She / He worked as part of

the team during his / her internship from _____ **15/05/2023** _____ to _____ **15/06/2023** _____

We take this opportunity to thank him/her and wish him / her All the best for his/her future.

Mohammed Modi

Mr. Mohammed Modi
Founder & CEO

www.miracletechnolabs.com

ACKNOWLEDGEMENT

We would like to express our gratitude to all the individuals and organizations that supported us throughout this project.

Firstly, I would like to thank my project supervisor "**Asst. Prof. Dhaval; Patel**" sir for their guidance, support, and valuable feedback throughout the project. His advice helped me to make the right decisions and stay on track.

I would also like to extend our thanks to the faculty of **ChanduBhai S. Patel Institute of Technology** for providing us with the resources and facilities necessary for carrying out the project successfully.

I would like to thank my family and friends for their understanding and encouragement throughout the project. They provided me with the necessary motivation and support to keep going even during challenging times.

Finally, I would like to thank all the participants who took part in the project, providing me with valuable insights and feedback. Without their participation, this project would not have been possible.

ABSTRACT

The Idea of bringing business to the digital world showcases the main point of this project. This project basically teaches to how to bring your business to the outer world by being digital. This incase will help to grow ones' business and increase the number of customers worldwide.

Already, many businesses have started to come in this digital world. The existing systems of manually ordering any product might limit ones' business growth. By making business digital it will help to let the world know about the business and make them get interested and encourage to buy their products.

Description of Company

Miracle Technolabs is a Private Limited Company located at Jamnagar, Gujarat, India and primarily focusses on developing digital IT Solutions.Miracle Technolabs is a privately owned Software Development, IT Support and IT Services business formed in 2019. Today we're proud to boast a strong team of software engineers who thrive on rolling up their sleeves and solving your IT problems and meeting your business needs. Miracle Technolabs Provides the full range of online solution from registering domain and hosting, web development services, application development until digital, marketing which help your business in generating brand value online. The main focus of company is to develop application or website for other organization. Develop websites for consumers.

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CHAPTER-1: INTRODUCTION

1.1 PROJECT SUMMARY

A website to grow, inspire, motivate and attract customers in today's digital world digitally to purchase the colors used in clothing industries, especially in sarees and dresses. This website basically solves the load of offline ordering and converting it to online ordering which decreases the load to store each and every detailed ordering of products..

1.2 PURPOSE

The main purpose of this internship is to gain some experience enhance professional and personal skill development which enables us to gain a planned and directed learning experience. It also enables us tointegrate knowledge gained through their industry learning with the competencies made available through actual experience in a professional setting. The goals of this internship are:

- Learn and develop practical skills
- Gain first hand understanding of the inner workings of an organization
- Make a positive contribution to an organization
- Solve problems by taking initiative and using creativity
- Clarify career goals
- Observe and Learn ethics at work
- Observe and work with professionals in the field

1.3 SCOPE

➢ The scope of this website is to provide safe and easy way to order products online.

➢ This project traverses a lot of areas ranging from business concept to computing field, and required to perform several researches to be able to achieve the project objectives. The area covers include:

- Increasing number of customers in a new digital way.

- To order digitally in online manner makes easy for customer as well as producer to manage all the orders and make them reach to the customers safely.

- It gives the customer as well as the producer the benefit of making the ordering simple and efficient.

1.4 TECHNOLOGY

➢ The technology of a website refers to the underlying software, programming Languages, and tools used to create and maintain the website.

HTML/CSS (HTML 5/CSS3): These are the fundamental languages used to create the structure and Design of a website.

Bootstrap: Bootstrap is commonly used for creating web pages. It allows us to add dynamic behavior to the webpage and add special effects to the webpage.

CHAPTER-2: REQUIREMENT STUDY

2.1) HARDWARE REQUIREMENT

CPU: The central processing unit (CPU) is responsible for executing instructions and processing data. The CPU requirements for a website depend on the complexity of the website and the expected traffic. A website with complex scripts or heavy database usage will require a more powerful CPU.

RAM: Random Access Memory (RAM) is used to store data and instructions for the CPU to access Quickly. The amount of RAM required depends on the size of the website and the expected traffic. A Larger website with higher traffic will require more RAM to handle the load.

Storage: Websites require storage space to store their data and files. The amount of storage required Depends on the size of the website and the amount of data it stores. For example, a website with a lot Of Images or videos will require more storage space.

Network: A fast and stable internet connection is necessary to ensure the website loads quickly and responds to user requests in a timely manner. The network requirements depend on the expected Traffic And the location of the server.

2.2) SOFTWARE REQUIREMENT

Web Server: A web server software such as Apache, Nginx, or IIS is required to host a website. The Choice of web server software depends on the operating system and the programming language used to Develop the website.

Operating System: The operating system (OS) on the server must be compatible with the web server Software and the programming languages used for the website. Common server operating systems Include Windows Server, Linux, and UNIX.

Database: If the website requires a database, a database management system such as MySQL, MongoDB must be installed on the server.

Programming Languages: Websites can be developed using a variety of programming languages such as HTML, CSS, JavaScript, PHP, and more. The programming languages used for a website depend on the website's requirements and the developer's preference

CHAPTER-3: SYSTEM REQUIREMENT STUDY

3.1) CHARACTERISTICS

There are various characteristics that use our website for processing their documents such as--

- **Accuracy :**
  - Not possible to alter a vote.
  - No valid vote can be eliminated from the final tally.
  - No invalid vote can be counted.

- **Democracy :**

  - Only and every eligible voter can vote and only ONCE.

- **Privacy :**
  - Neither election authority nor anyone else can link a vote to a voter.
  - No voter can prove he/she proved voted in a certain way.

3.2) HARDWARE AND SOFTWARE

- The hardware and software requirements for a development environment and hosting environment can Vary depending on the specific needs of the project. Here are some general guidelines for the Minimum requirements:

- Development Environment:
  - Processor: Intel Core i3 or higher
  - RAM: 8GB or more
  - Hard Drive: 256GB SSD or more
  - Operating System: Windows 10 or more, macOS
  - Integrated Development Environment (IDE): Visual Studio Code
  - Database management system: MySQL(IF Database required)

- Hosting Environment:
  - Processor: Dual-core CPU or higher
  - RAM: 4GB or more
  - Hard Drive: 256GB SSD or more
  - Operating System: Windows Server
  - Database management system: MySQL(IF Database required)

CHAPTER-4: SYSTEM ANALYSIS

4.2)   DATA MODELLING

- A use case diagram is a graphical representation that illustrates the functional requirements of a system by showing the various actors (users or other systems) and the different use cases (or actions) that they can perform within the system. It is a useful tool in the early stages of software development, as it helps to identify the different functional requirements of the system and the relationships between them.

- The purpose of a use case diagram is to provide a high-level view of the system's functional requirements, and to help stakeholders understand the system's behavior from the perspective of the users. By creating a use case diagram, developers can identify the various use cases that need to be implemented, and can also identify any dependencies between use cases. Use case diagrams can also be used to communicate requirements to other stakeholders, such as project managers, testers, and business analysts.

List of Figure

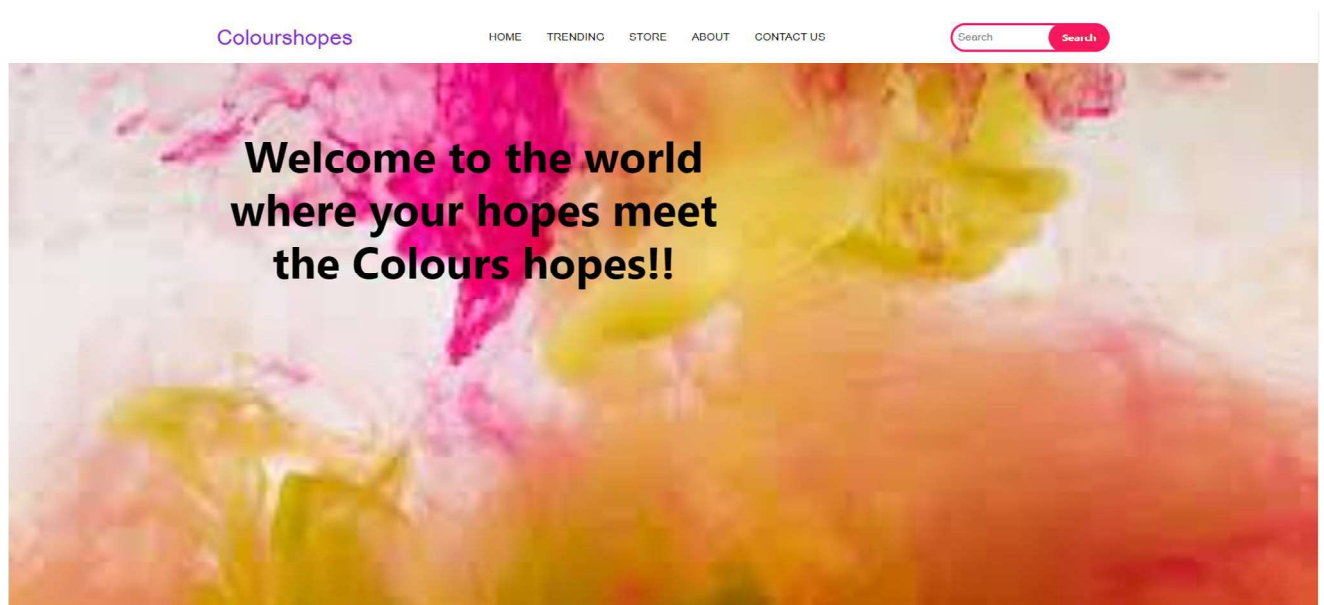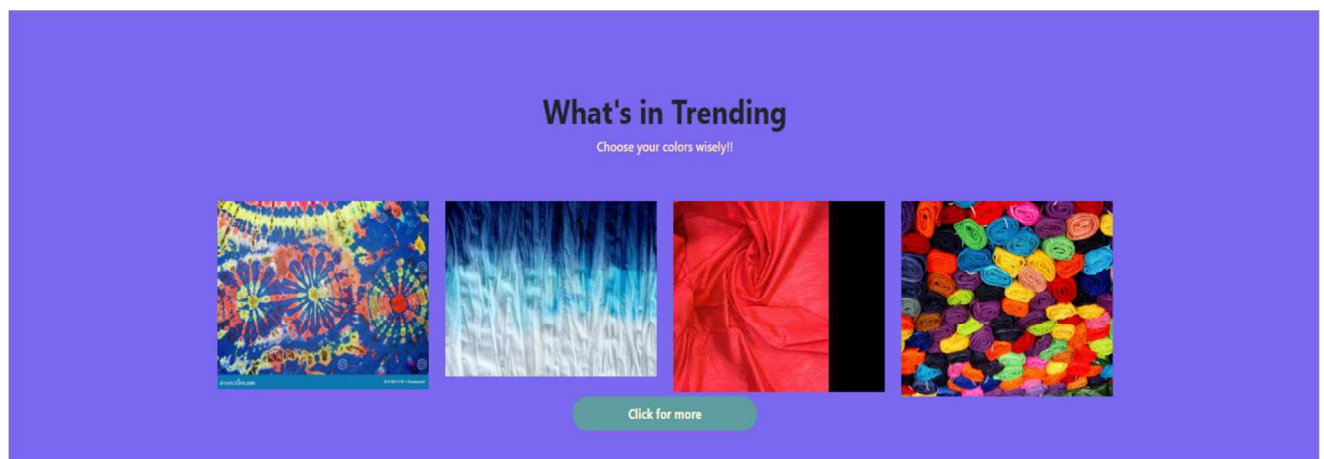Fig 1.1 Address bar.
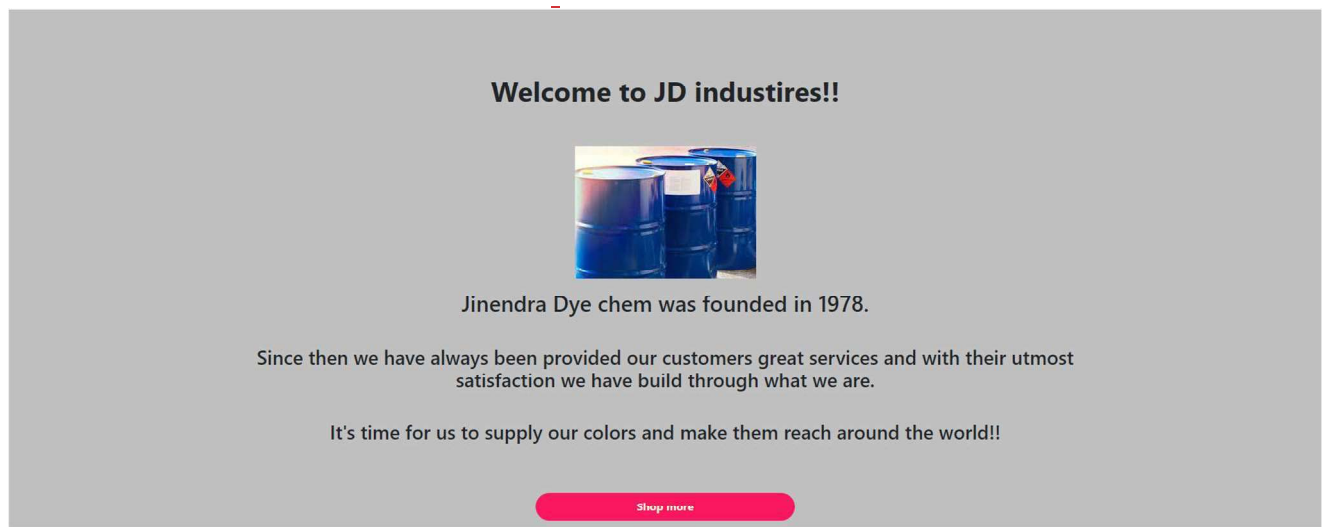

Fig 1.2 Home page

Fig 1.3 Recent Trends in Clothing

Fig 1.4 Our History

Fig 1.5 Varieties and store
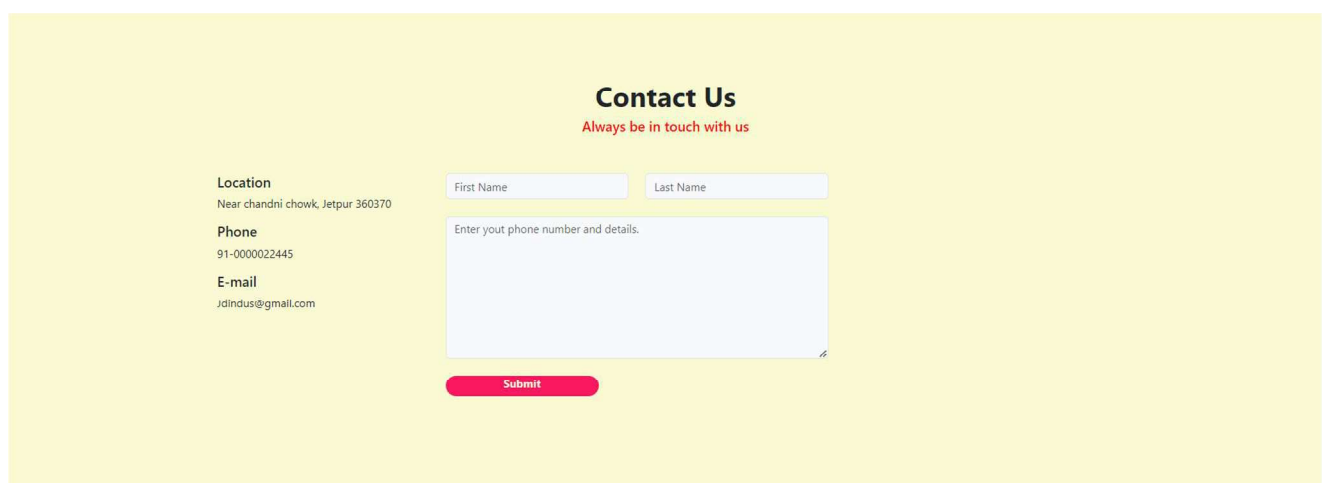
Fig 1.6 Contact Us page
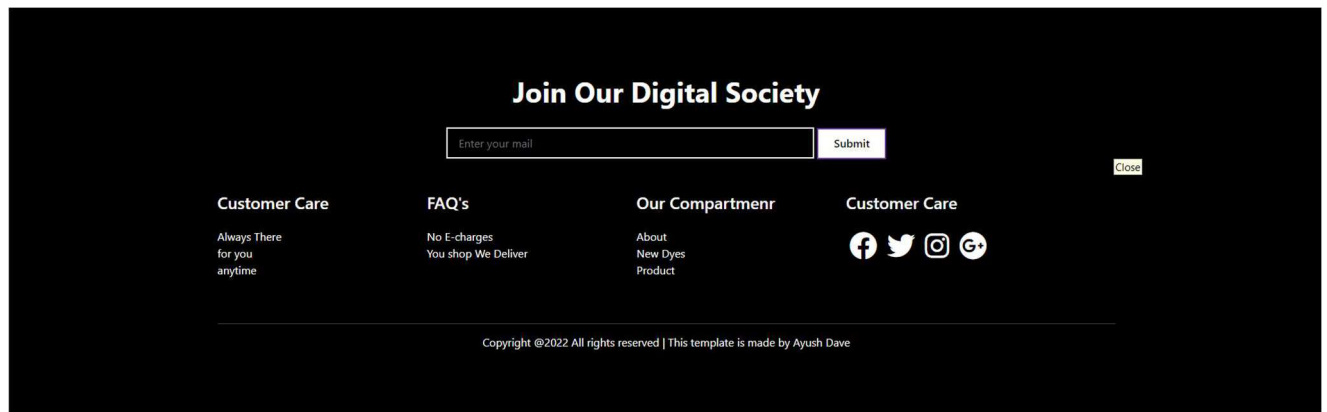
Fig 1.7 Our Digital Society for future updates

LIST OF TABLE

Field Name	Datatypes
rel, href	Link
class	div
id	section
src	img
color	style
type	text

CHAPTER-6: CONCLUSION AND DISCUSSION

6.1 CONCLUSION:

Online shopping also called e-commerce website helps in solving day to day life problems like managing orders and storing and sending them to the consumers. It is important to move on and upgrade and compete with outer world by setting up your mark and introducing new concept to attract todays' customers and this is what today new advanced world needs.

Future development focused to design a system which can be easy to use and will provide security and privacy of ordering the packages on acceptable level by proper authentication and processing section. It is easy to use and it is less time consuming. It is very easy to debug.

6.2 REFERENCES:

Here are some links, books and Youtube that we used for our reference and acquire knowledge about document processing and website development.

Links:

https://getbootstrap.com/

https://www.w3schools.com/html/

https://www.w3schools.com/css/

https://getbootstrap.com/

Books:

https://www.interviewbit.com/blog/html-css-books/