



**Maharashtra Board of Technical Education, Mumbai.**



**Government Polytechnic, Solapur**

**DIPLOMA IN COMPUTER TECHNOLOGY**

**ACADEMIC YEAR 2024-2025**

**AN**

**INDUSTRIAL TRAINING PROJECT REPORT ON**

**“Online Coffee Table Reservation (Coffee Culture)”**

**Submitted by**

<b>Roll no</b>	<b>Enrolment no</b>	<b>Student Name</b>
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100	23210230328	Onkar Rajendra Lokare
108	2100150002	Aryan Andhare



**MAHARASHTRA STATE BOARD OF TECHNICAL  
EDUCATION, MUMBAI**

**Certificate of Completion**

**Of Industrial training**

**(By Respective head of Institute & Head of the Department)**

This is to Certify that Following Students

<b>Roll no</b>	<b>Enrolment no</b>	<b>Student Name</b>
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Has Successfully Completed **Industrial Training (22049)** In Fantasy Technology, Solapur From **03<sup>rd</sup> June 2023** To **13<sup>th</sup> July 2024** For Partial Fulfilment Towards Completion Of Diploma In **Computer Technology** From **Government Polytechnic Solapur** Institute Code **(0015)**.

Mentor

Prof. R. V. Mundhe

HOD

Prof. A. L. Tarange

Principle

Dr. A. L. Upadhyay

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## **ABSTRACT**

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This resource offers complete study materials for all semesters of the Maharashtra State Board of Technical Education (MSBTE) curriculum. It includes Syllabus, notes, Previous Year Question Papers, Previous Year Model Answer Papers, practical manuals, and Video Playlists. The materials cover a wide range of subjects and are regularly updated to reflect the latest syllabus and exam patterns.

Made to help students in their studies, this collection gives easy access to important educational resources in one place, making it easier to study and prepare for exams effectively. Additionally, it keeps students updated with the latest news and provides important links related to their courses and exams.

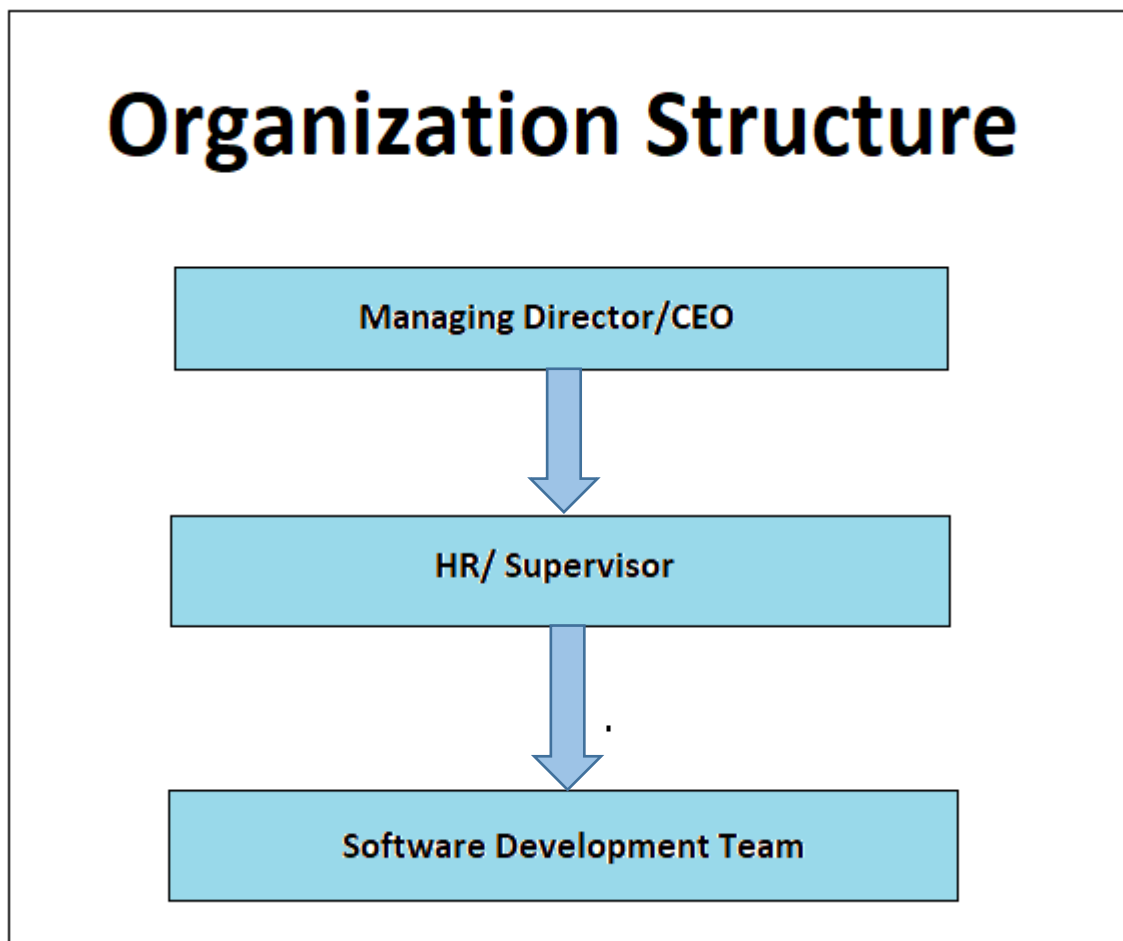
## **ACKNOWLEDGEMENT**

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I want to thank everyone who helped create this MSBTE Study Resource. First, I am grateful to the teachers and educators who provided the detailed notes and materials. Their hard work and dedication are greatly appreciated. I also thank my classmates and colleagues for their support and ideas; their feedback helped make this resource better. I extend my heartfelt thanks to our mentor ( Prof. R. V. Mundhe ) and principal (Dr. A. L. Upadhyay) for their guidance and encouragement throughout this project.

I also want to express my gratitude for the support received during our industrial training, which played a significant role in shaping this resource. Lastly, I thank my family and friends for their constant support and understanding during this project. Thank you all for your contributions and support in making this study resource a valuable tool for students.

## **1. ORGANIZATIONAL STRUCTURE OF INDUSTRY**



## 2. INTRODUCTION OF INDUSTRY

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- i. Name of Industry: Wachstum Venture Pvt. Ltd, Pune
- ii. Details:
  - a) Address: SBI Industrial Branch, Ashok Chowk, Solapur, Maharashtra 413006
  - b) Email: [ganesh.gn618@gmail.com](mailto:ganesh.gn618@gmail.com)
- iii. Contact Person Details:
  - a) Name: Mr. Siddharth Basargikar
  - b) Email: [basargikarsiddharth@gmail.com](mailto:basargikarsiddharth@gmail.com)
  - c) Contact No: 9595171666
- iv. Type of product: IT and Career Training Industry
- v. Type Of Control: Private
- vi. Type of Company: Largest Independent Scale
- vii. Total No of Employees: 6-8
- viii. Whether its industrial training may/June to diploma engineering students : Yes
- ix. Whether off 6-week training : Yes

**“Wachstum Venture Private Limited”** is a Private incorporated on 19 October 2022. It is classified as Non-govt Company and is registered at Registrar of Companies, Pune. Its authorized share capital is Rs. 100,000 and its paid up capital is Rs. 10,000. It is involved in other computer related activities [for example maintenance of websites of other firms/ creation of multimedia presentations for other firms etc.

Wachstum Venture Private Limited's Annual General Meeting (AGM) was last held on N/A and as per records from Ministry of Corporate Affairs (MCA), its balance sheet was last filed on N/A.

### **Fantasy Technology Services:**

- Website Application Development
- Desktop Software Development
- Android Application Development
- E-Commerce Solutions
- Enterprise CMS Development
- Graphic & Multimedia Solutions
- Bulk SMS & Email Provider
- Software Installations

### **3. PROBLEM STATEMENT AND REQUIREMENT ANALYSIS**

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#### **PROBLEM STATEMENT**

This project aims to design and develop a MSBTE Study Resource website that gathers all essential materials like Syllabus, Notes, Previous Years Question papers, Model Answer Papers, video Playlists and practical manuals into one platform. This will help students learn better and do well in their studies.

#### **REQUIREMENT ANALYSIS**

▪ **Functional Requirements:**

1. **User Registration and Login:**
  - Users (students) should be able to create accounts and log in securely.
2. **Latest News Section:**
  - A section to display updates and news related to the MSBTE curriculum and exams.
3. **Links and Resources:**
  - A page for important links to external resources, websites, and tools relevant to students.
4. **User Feedback:**
  - An option for users to provide feedback or suggestions for improving the resource.



▪ **Non-Functional Requirements:**

1. **Usability:**

- The platform should be user-friendly and easy to navigate.

2. **Performance:**

- The system should load quickly and handle multiple users simultaneously.

3. **Security:**

- User data should be protected through secure authentication and encryption measures.

4. **Scalability:**

- The system should be able to accommodate an increasing number of users and resources over time.

5. **Maintainability:**

- The system should be easy to update with new materials and features as needed.

▪ **User Requirements:**

1. **Target Users:**

- Students enrolled in MSBTE courses.
- Educators and mentors who may use the resource for guidance.

2. **User Support:**

- A help section or FAQ to assist users with common issues or questions.

## 4. FEASIBILITY STUDY

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### 1. Technical Feasibility

- **Technology:**
  - Use simple and popular technologies like HTML, CSS, and JavaScript for the website, with php for the backend.
- **Hosting:**
  - Choose a reliable web hosting service to ensure the site is always available.
- **Database:**
  - Use a database like MySQL to store study materials efficiently.

### 2. Economic Feasibility

- **Cost:**
  - Consider costs for development, hosting, and ongoing updates.
- **Funding:**
  - Look for funding through educational grants or partnerships.
- **Return on Investment:**
  - Improved student performance can justify the costs through greater satisfaction and referrals.

### 3. Operational Feasibility

- **User Adoption:**
  - MSBTE students will likely benefit from easy access to materials, leading to strong usage.
- **Maintenance:**
  - A team should be in place for regular updates and user support.

### 4. Legal Feasibility

- **Compliance:**
  - Follow data protection laws to keep user information safe.
- **Copyright:**
  - Obtain permissions for any copyrighted materials used on the site.

### 5. Schedule Feasibility

- **Timeline:**
  - Set a realistic schedule for development and launch, with phases to gather user feedback for improvements.

## 5. PROPOSED METHODOLOGY

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In this project we mainly used agile development methodology. Teams use the agile development methodology to minimize risk (such as bugs, cost overruns, and changing requirements) when adding new functionality. In all agile method, teams develop the software in iterations that contain mini-increments of the new functionality. There are many different forms of the agile development method, including scrum, crystal, extreme programming (XP), and feature-driven development (FDD).



### Advantages:

- ☐ **Centralized Resources:** Easy access to all study materials in one place.
- ☐ **Enhanced Learning:** Improves understanding and academic performance.
- ☐ **User-Friendly:** Designed for easy navigation and accessibility for all students.
- ☐ **Regular Updates:** Provides the latest news and important links related to MSBTE.
- ☐ **Continuous Improvement:** Collects feedback for ongoing enhancements.

### Disadvantages:

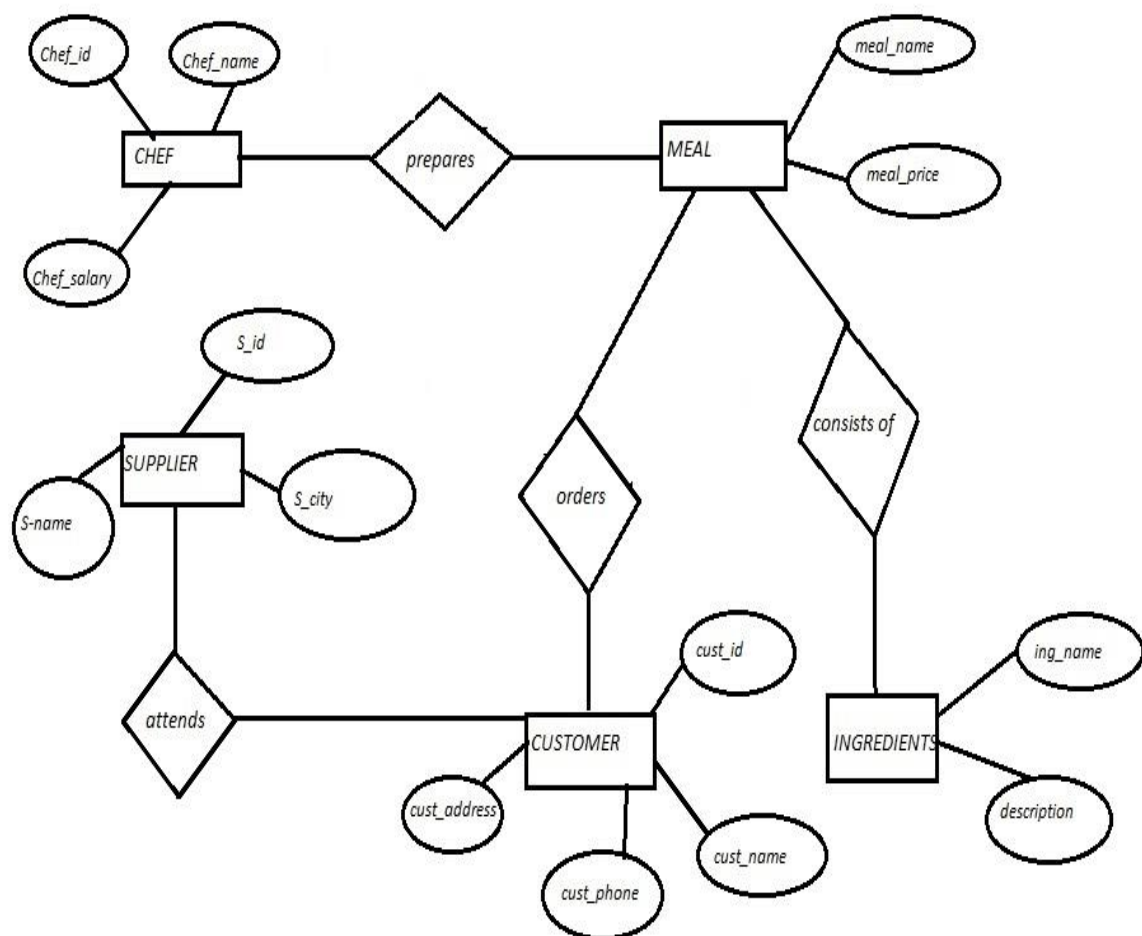
- ☐ **Initial Costs:** Significant expenses for development and content creation.
- ☐ **Maintenance Needs:** Requires continuous updates and support.

## ➤ PLANNING :-

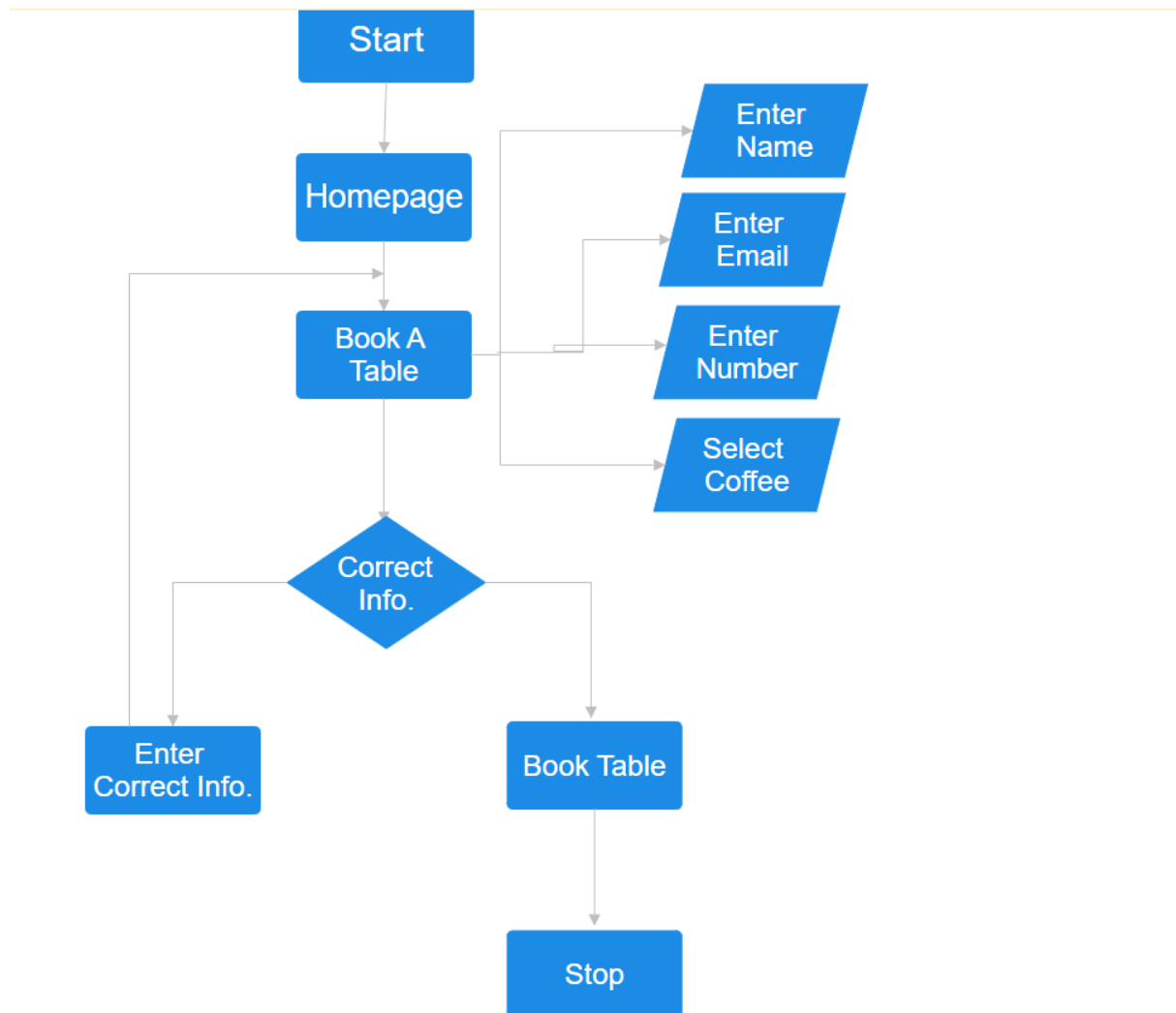
Phase\week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Requirement analysis	Gathered project requirements					
Planning		Planned project development				
Designing			Designed project layout			
Coding				Done coding for project		
Testing					Tested the project	
Implementation						Implemented or presented the project

## 6. DESIGN

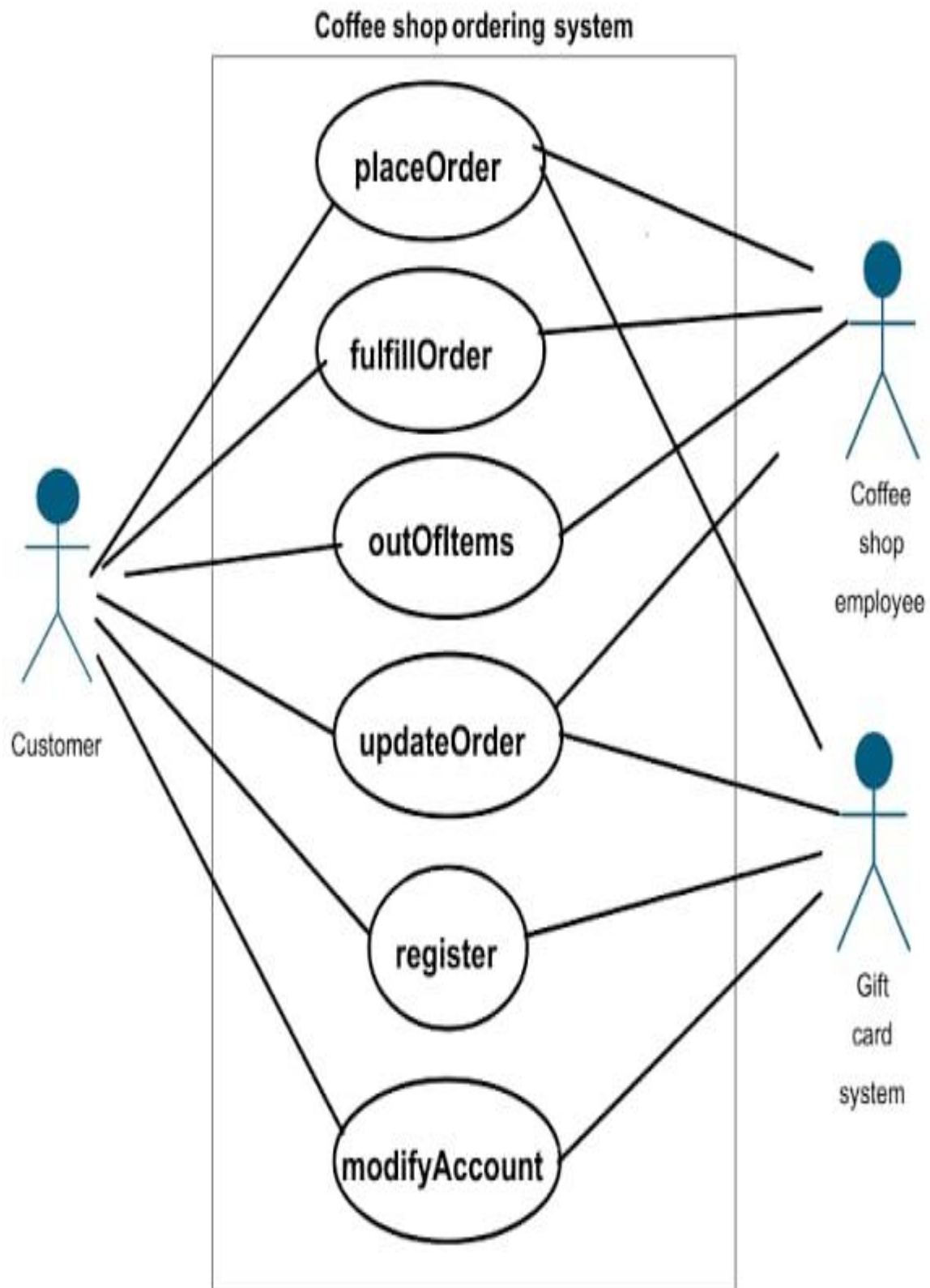
### ER-DIAGRAM



## FLOWCHART

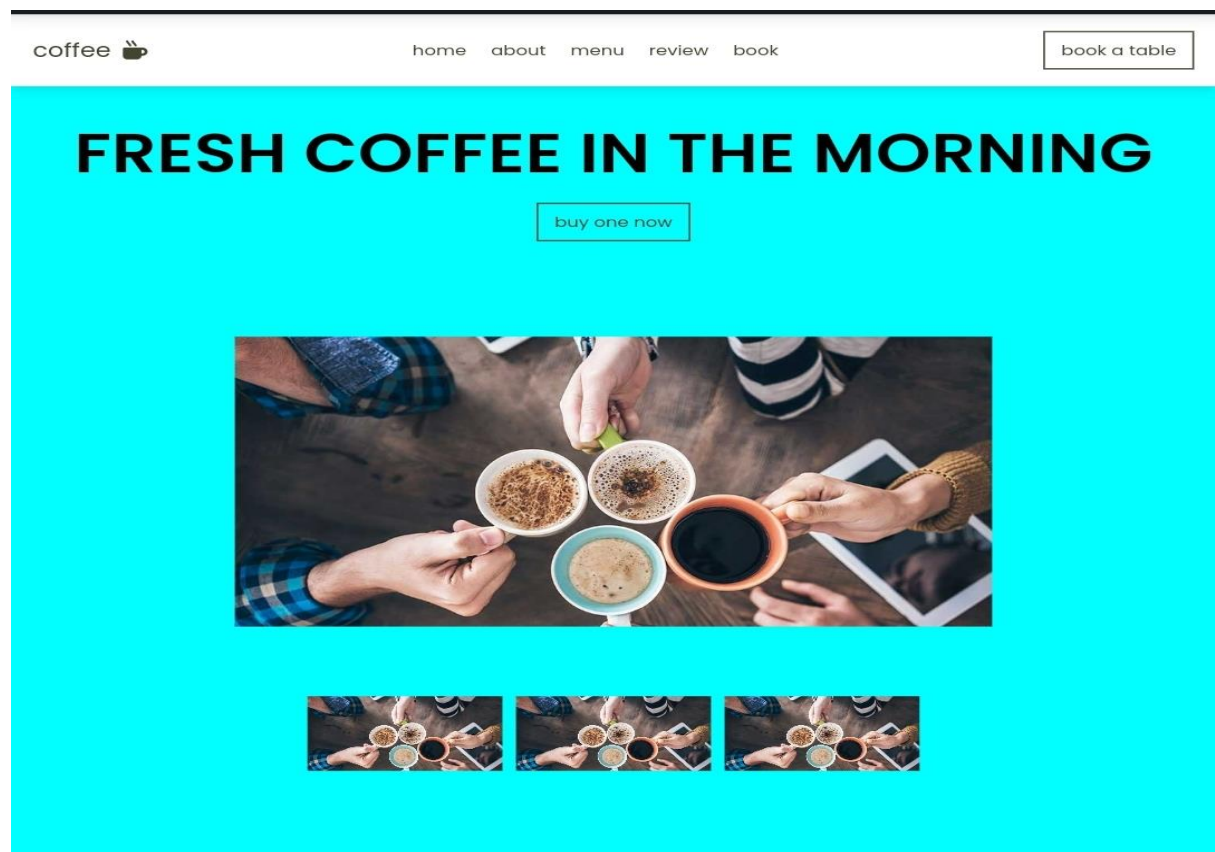


## USE-CASE DIAGRAM



## 7. IMPLEMENTATION AND TESTING

### ➤ HOME PAGE:





## ➤ ABOUT US

### ABOUT US

#### WHY CHOOSE US

#### WHAT'S MAKE OUR COFFEE SPECIAL!



Crafted from the finest handpicked beans, our coffee delivers a rich, robust flavor that's unmatched. Our secret lies in the precise roasting process and dedication to quality, ensuring each cup is an exceptional experience.

[read more](#)


**QUALITY COFFEE**

**OUR BRANCHES**

**FREE DELIVERY**

## ➤ MENU


### OUR POPULAR MENU



**Cappuccino**

A cappuccino is an espresso-based coffee drink that is traditionally prepared with steamed milk foam.


\$8.99



**Espresso**

Espresso is one of the most popular coffee-brewing methods, of Italian origin.


\$8.99



**Latte**

The foam on top of the latte is also a distinguishing feature, adding texture and a little bit of sweetness to the overall taste.


\$8.99



**Mocha**

A shot of espresso is combined with a chocolate powder or syrup, followed by milk or cream.


\$8.99



**Americano**

Made by pouring hot water over one or two espresso shots, resulting in a drink of similar volume and strength to regular coffee.

\$8.99



**Flat white**

A flat white is a blend of micro-foamed milk poured over a single or double shot of espresso

\$8.99

## ➤ BOOKING SECTION

**BOOKING**  
**RESERVE A TABLE**

Name:  
Name

Email:  
email

Number:  
number

coffee: Coffee ▼ Book Coffee

## 8. CHALLENGES FACED AND FUTURE SCOPE

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### CHALLENGES FACED

The MSBTE Study Resource project faces several challenges. It's hard to gather accurate needs from all users, keep study materials up-to-date, and use different technologies together. We need to make sure the website is easy to use for everyone, including those with disabilities, and keep user data safe.

We must test the website thoroughly to ensure it works well on all devices. Managing the project budget, time, and team well is important, and we need to help students and teachers use the platform.

### FUTURE SCOPE

☐ **New Features:**

Create personalized study plans, track progress, and use AI to recommend study materials.

☐ **Mobile App:**

Develop a mobile app for easier access on smartphones and tablets.

☐ **Multiple Languages:**

Support multiple languages to help more students.

☐ **Collaboration Tools:**

Add features for group studies, discussion forums, and peer interaction.

☐ **Regular Updates:**

Continuously improve the platform based on user feedback.

## CONCLUSION

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The MSBTE Study Resource project aims to provide a central hub for all study materials, making it easier for students to access what they need. This project will help improve learning and academic performance by offering up-to-date and comprehensive resources. While there are challenges like ensuring data security and managing content, the benefits outweigh the difficulties. The future scope includes adding more content, developing a mobile app, and introducing new features like personalized study plans.

By regularly updating the platform and incorporating user feedback, we can continuously improve it. Collaboration with educators and exploring new technologies like VR will further enhance the learning experience. This project has the potential to significantly support MSBTE students in their educational journey.

## REFERENCE

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- <https://www.msbte.engg-info.website/>
- [https://www.msbteallclear.com/#google\\_vignette](https://www.msbteallclear.com/#google_vignette)
- <https://www.diplomachakhazana.in/2023/05/msbte-study-material-i-scheme.html>
- [https://econtent.msbte.edu.in/econtent/econtent\\_home.php](https://econtent.msbte.edu.in/econtent/econtent_home.php)
- <https://www.google.co.in/>
- <https://www.youtube.com/>