

Project Report on

E-COMMERCE WEBSITE DEVELOPMENT

Submitted By

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**Mahatma Education Society's
Pillai College of Engineering
New Panvel
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CERTIFICATE OF APPROVAL

This is to certify that the requirements for the WP mini project report entitled “**E-COMMERCE WEBSITE DEVELOPMENT**” has been successfully completed by the following students:

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Acknowledgement

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Module 1

Introduction

1.1 Introduction

The title of the project is '**E-COMMERCE WEBSITE DEVELOPMENT**'.

Our project commenced with the idea to rent things that can be replaced with their changing times in this fast world, with this idea we have started building a website which would not only benefit our consumers but also our distributors, so basically we are with an idea to rent things which can be easily replaceable in. This website is an online website that can be easily accessible by our users throughout the organization with proper login provided. Our website is provided with an MYSQL database connected to the local host where our login page and sign-up page and data are stored in an SQL database.

Module 2

Objective

2.1 Problem Definition

There is a lot of problem of accumulation, once used clothes and not only clothes but various things such as festival decorations and furniture which gets older and out of shape with the flow of time in this fastly changing world.

- There is a lot of problem with space management in houses because unwanted clothes and shapeless furniture are kept with no further planning.
- Small business in our country has no direct access to the online platform.
- The manual system of replacing things doesn't give that much satisfaction to both the consumers and distributors.
- Giving the best things at the best and most reasonable rate is impossible in this busy world.

2.2 System Requirements: -

Here are the minimum hardware and software requirements:

- Software Requirements:

OS: Windows 10, Windows 8, or macOS

Software: phpMyAdmin, Xampp, VS Code

Browser: Google Chrome or any supported browser.

- Hardware Requirements:

Ram: 2 GB minimum, 4 GB recommended Processor: minimum intel Pentium or higher.

Module 3

Methodology

3.1 FLOW OF PROGRAM.



3.2 Technologies Used

HTML:

HTML stands for HyperText Markup Language. It is used to design web pages using a markup language. HTML is a combination of Hypertext and Markup language. Hypertext defines the link between the web pages. A markup language is used to define the text document within the tag which defines the structure of web pages.

CSS:

Cascading Style Sheets fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independently of the HTML that makes up each web page.

JavaScript:

JavaScript is a lightweight, cross-platform, and interpreted scripting language. It is well-known for the development of web pages, and many non-browser environments also use it. JavaScript can be used for Client-side developments as well as Server-side developments.

PHP:

The term PHP is an acronym for PHP: Hypertext Preprocessor. PHP is a server-side scripting language designed specifically for web development. PHP can actually do anything related to server-side scripting or more popularly known as the backend of a website

XAMPP:

XAMPP is a software distribution that provides the Apache web server, MySQL database (actually MariaDB), Php, and Perl (as command-line executables and Apache modules) all in one package. No configuration is necessary to integrate Php with MySQL.

FLASK:

Flask is a micro web framework written in python. It is classified as a micro framework because it does not require particular tools or libraries. It has no database abstraction layer,

form validation, or any other components where pre-existing third-party libraries provide common functions

Module 4

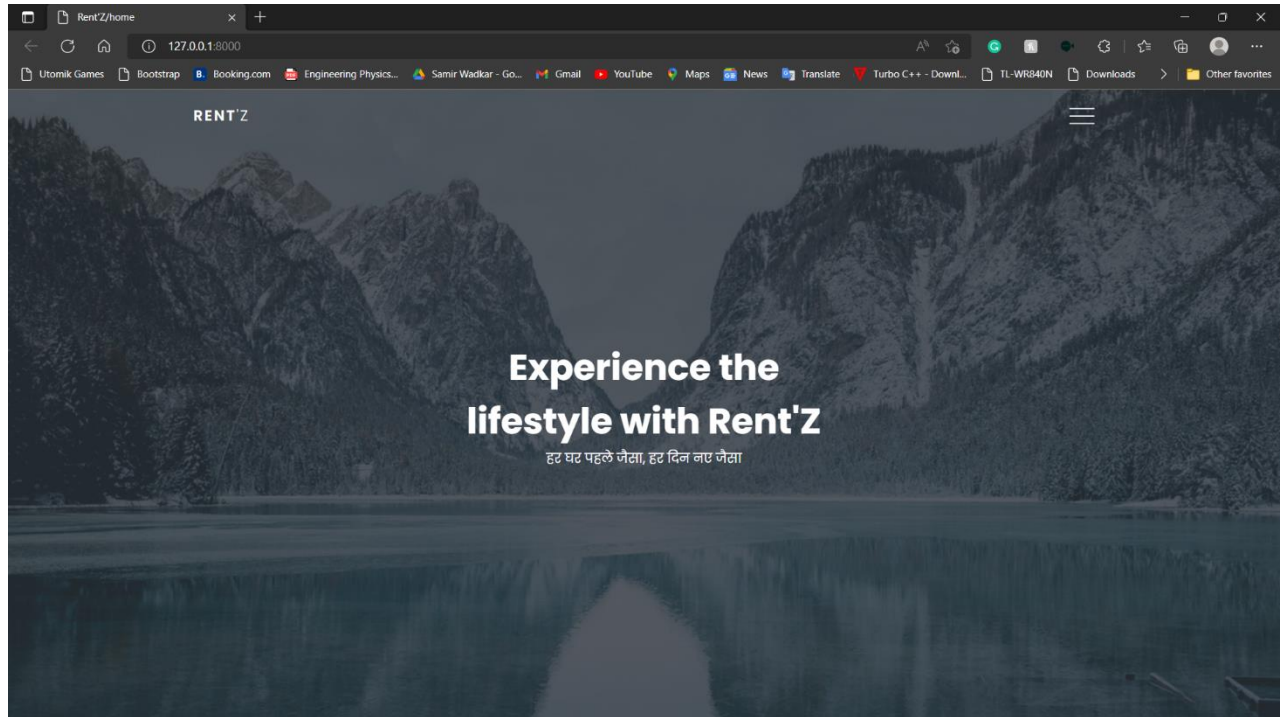
Implementation

4.1 Website Overview

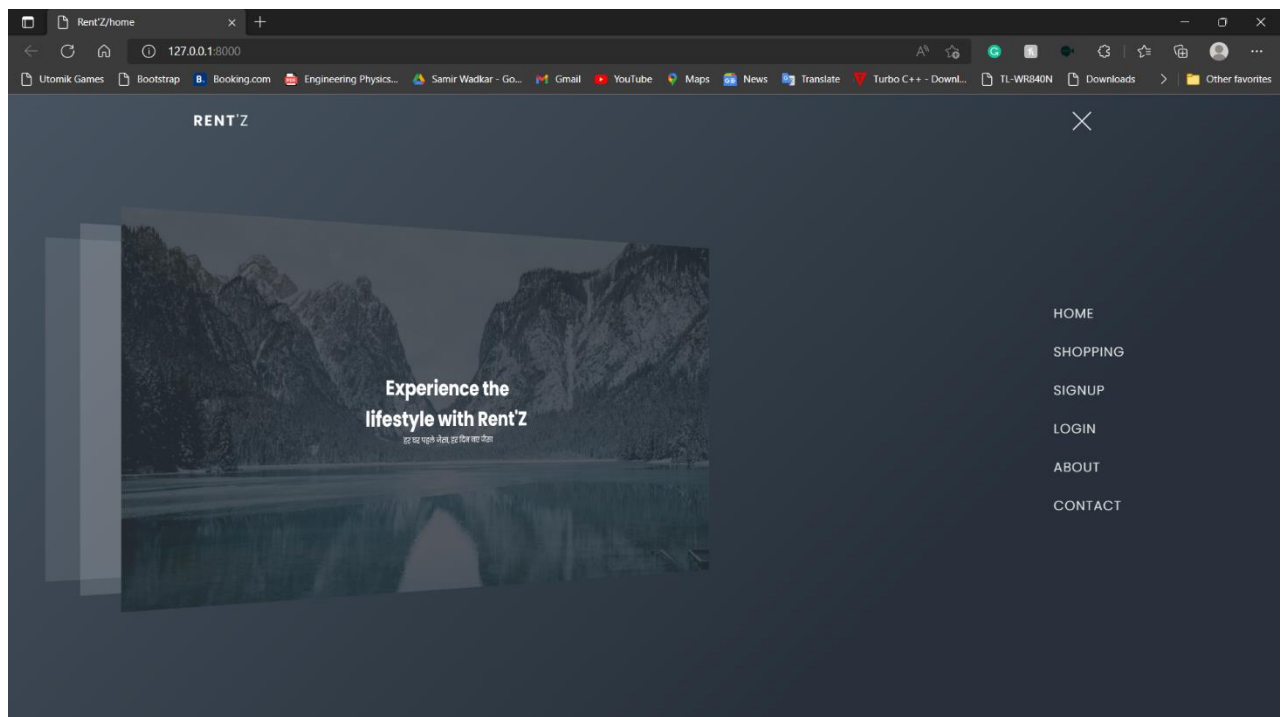
B2C LISTING AND RENTING is a website that plays an important role in our project idea the primary aim was to connect our consumers and distributors so according to the primary aim we had set up an environment that would easily connect our users and can take advantage of our free sourced website to grow their business rapidly through renting things

- First the user has to enter his login details and enter them into the system.
- Before login user has to create an account on our website which is linked to our login page.
- After the user has logged in will be able to see the home page where he put forth his product or a user can rent things, view the availability status of the product also can update the teacher's salary, and other details.
- The user can view his/her orders by clicking on MY PROFILE.
- Users can manage his/her orders according to their choice.
- He can add, cancel his order, and view payment options available.
- User is free to contact us if he faces any issues while renting or buying products through our websites.
- Website is user-friendly without any complex authentication.

4.2-PROJECT WORKING SCREENSHOTS- HOME PAGE:



VARIOUS OPTIONS-



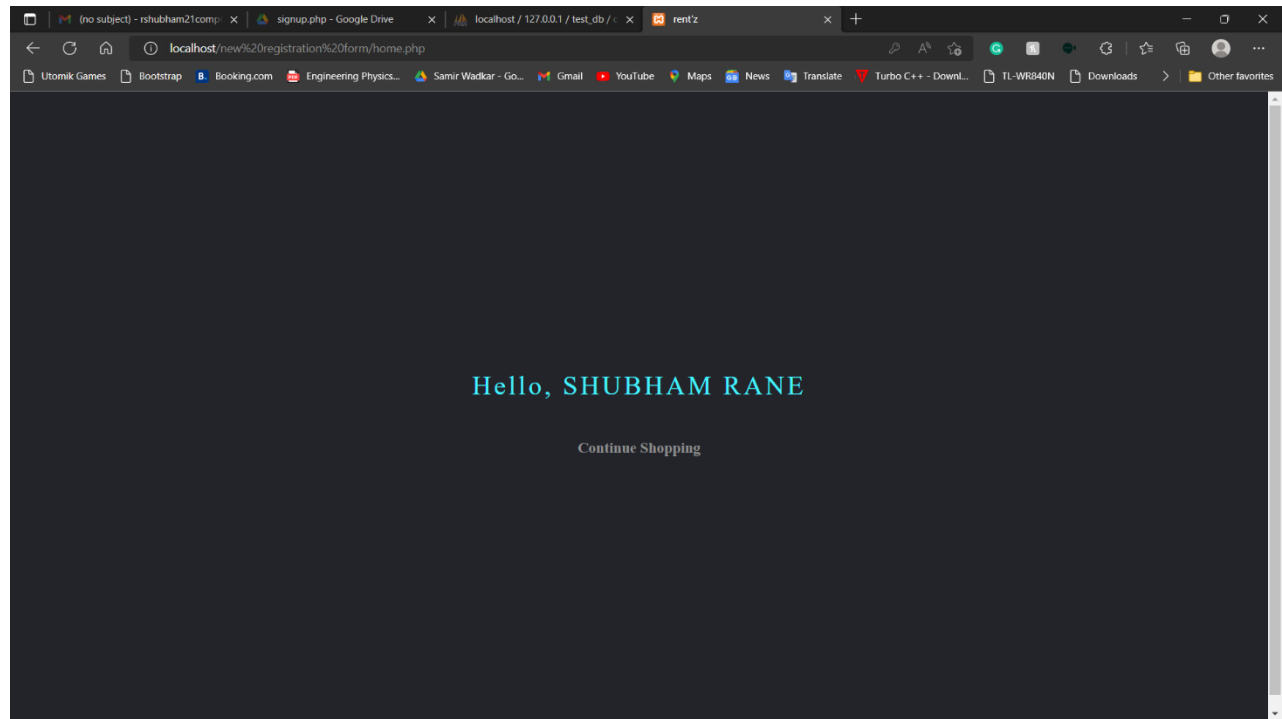
SIGNUP PAGE-

The screenshot shows a web browser window with the address bar displaying `localhost/new%20registration%20form/signup.php?success=Your%20account%20has%20been%20created%20successfully`. The page content is a dark-themed signup form. At the top, the text "SIGN UP" is displayed in light blue. Below it, a light green box contains the message "Your account has been created successfully". The form includes four input fields: "Name", "User Name", "Password", and "RePassword". Below the fields, there is a link to "Terms & Privacy" and a link to "Login" for users who already have an account. A light blue "Register" button is at the bottom of the form.

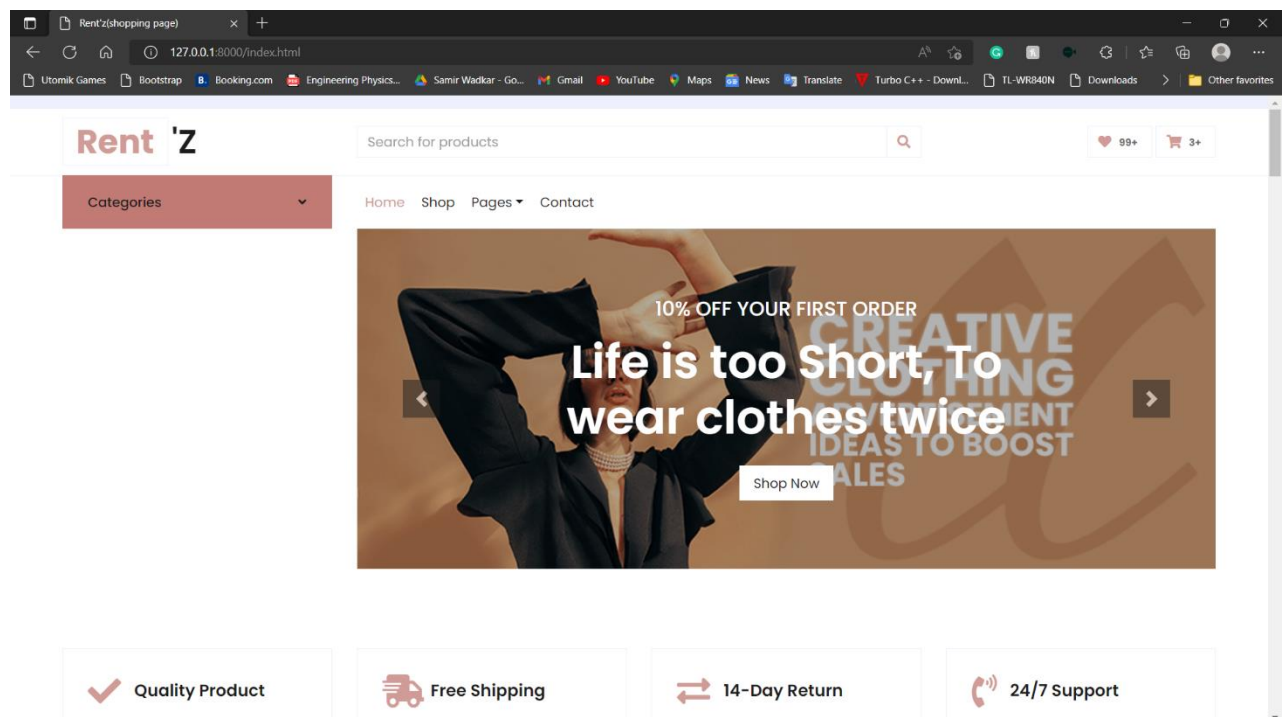
LOGIN PAGE-

The screenshot shows a web browser window with the address bar displaying `localhost/new registration form/`. The page content is a dark-themed login form. At the top, the text "Login" is displayed in light blue. Below it, there are two input fields: "Username" and "Password". At the bottom of the form, there is a light blue "Login" button and a link to "Create an account".

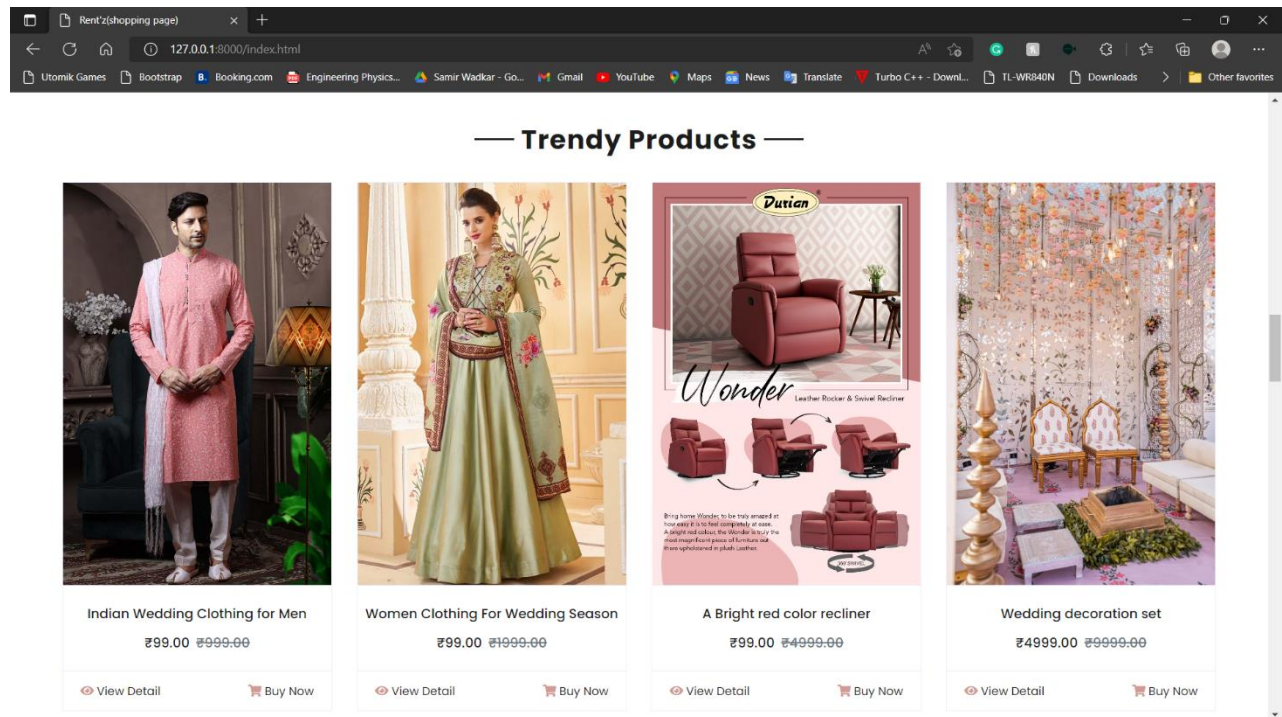
SUCCESSFULLY LOGGED IN-



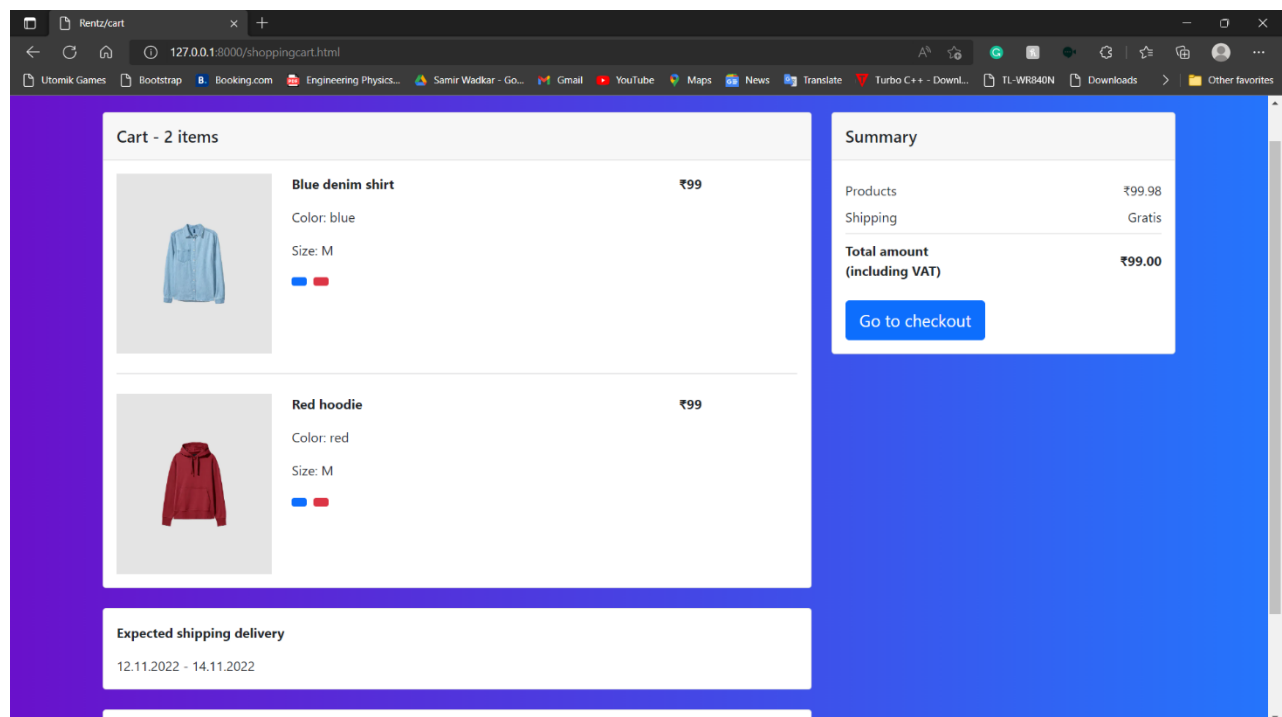
MAIN PAGE/SHOPPING PAGE-



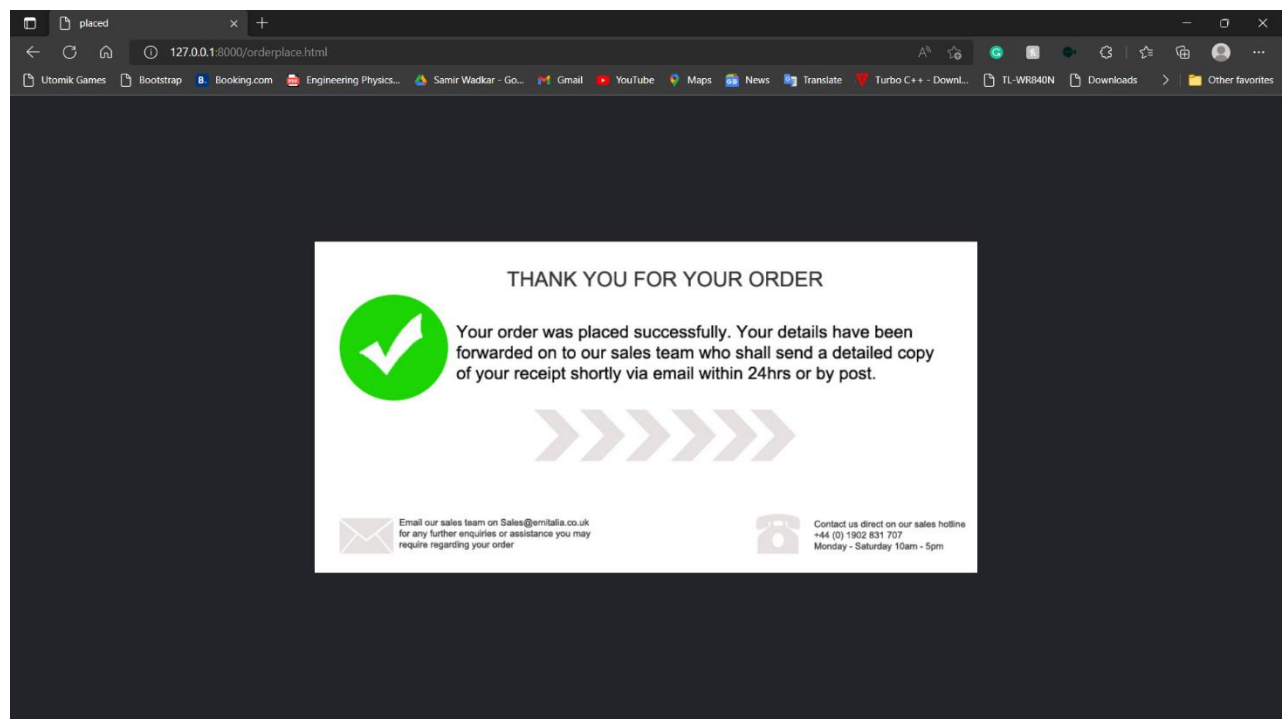
SOME ADDITIONAL OVERVIEW- AVAILABLE PRODUCTS-



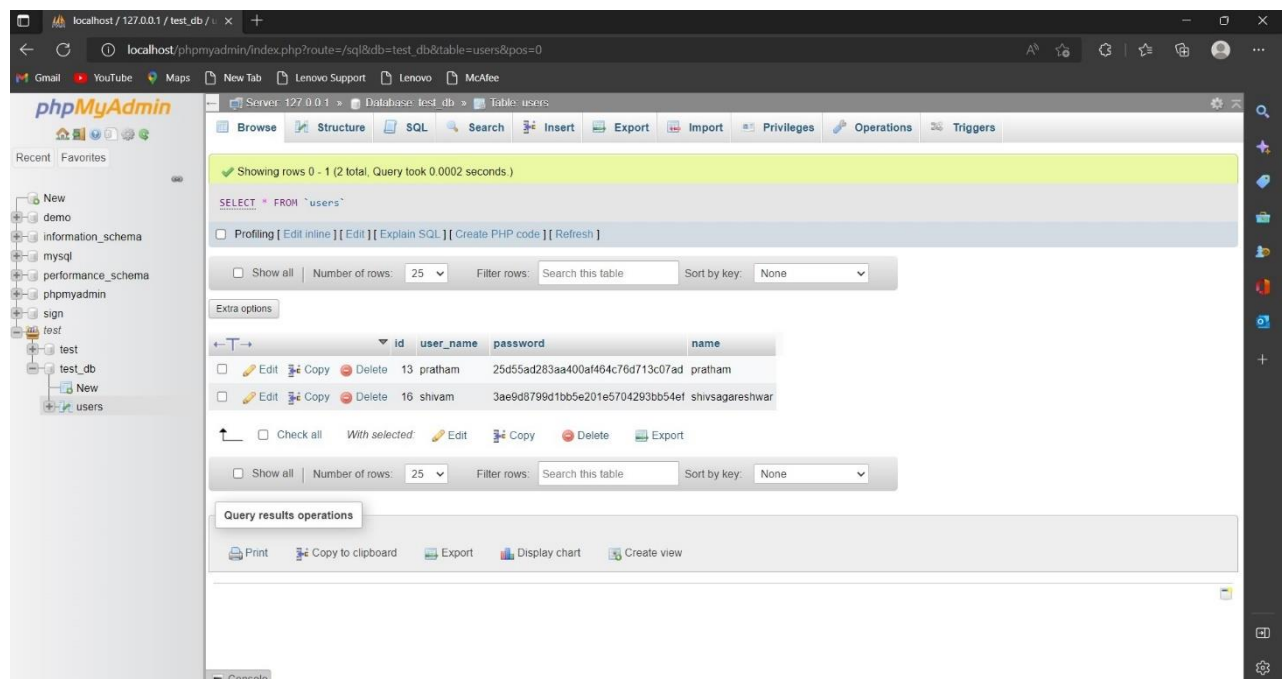
PLACING OF ORDER-



CHECKING OF PLACED ORDER-



STORING OF DATA IN DATABASE- MY SQL DATABASE-



USE OF XAMPP TO CONNECT THE LOGIN AND SIGNUP PAGE TO THE DATABASE-

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]

XAMPP Control Panel v3.3.0

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	44076 30744	80, 443	Stop Admin Config Logs
<input type="checkbox"/>	MySQL	43980	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs

00:19:05 [mysql] This may be due to a blocked port, missing dependencies,
00:19:05 [mysql] improper privileges, a crash, or a shutdown by another method.
00:19:05 [mysql] Press the Logs button to view error logs and check
00:19:05 [mysql] the Windows Event Viewer for more clues
00:19:05 [mysql] If you need more help, copy and post this
00:19:05 [mysql] entire log window on the forums
00:21:11 [mysql] Attempting to start MySQL app...
00:21:12 [mysql] Status change detected: running

Config Netstat Shell Explorer Services Help Quit

T

Module 5

Conclusion

.1 Project Outcome

- In this Project we made a web page for a school management system with the help of HTML, CSS, JavaScript, and PHP and made a user-friendly website, and learned about web pre-programming language.
- The manual system of replacing things doesn't give that much satisfaction to both the consumers and distributors.

5.2 References

<https://www.getbootstrap.com/>

[https://www.javatpoint.com /](https://www.javatpoint.com/)