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Project Report

for

"Omnipresent"

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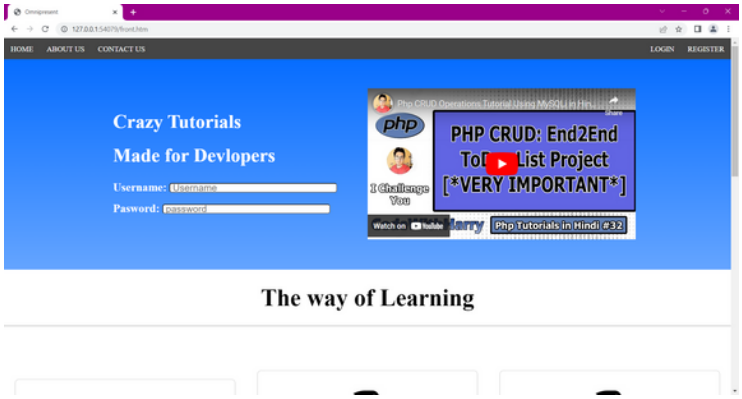
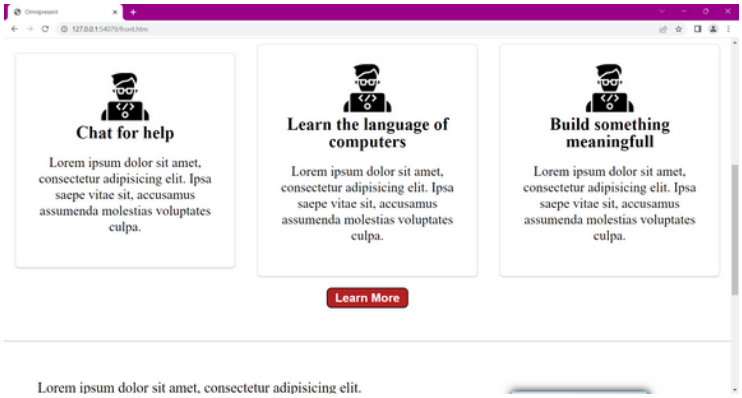
SR No.	Topic	Pg No.
1.	Introduction	3
2.	Brief Introduction of Java	4
3.	Problem Statement	5
4.	Aim	6
5.	Objective	7
6.	Output	8-9
7.	Hardware & Software Requirements (Client's Side)	10
8.	Hardware & Software Requirements(Development Side)	11
9.	Reference	12

Introduction

Web programming, also known as web development, is the creation of dynamic web applications. Examples of web applications are social networking sites like Facebook or e-commerce sites like Amazon.
There are two broad divisions of web development – front-end development (also called client-side development) and back-end development (also called server-side development).





Brief Introduction of Full Stack Development

Full stack web devlopment is web both client and server software.
In addition to mastering HTML and CSS, we should also know how to:

- Program a browser (like using JavaScript, jQuery, Angular, or Vue)
- Program a server (like using PHP, ASP, Python, or Node)
- Program a database (like using SQL, SQLite, or MongoDB)

Problem Statement

Web application development challenges during planning

- Clearly defining your goals.
- Choosing the right technique.
- UI & simplistic design.
- Performance and speed.
- Scalability.
- Web security threats.
- Keeping the backend clean and understanding for others.

Aim Of the Project:-

- Understand the principles of creating an effective web page, including an in-depth consideration of architecture using CSS.
- Become familiar with designing principles that relate to web design and learn how to implement theories into practice.
- Develop skills in analyzing the usability of a web site.
- Learn the language of the web: HTML and CSS.
- Learn CSS grid layout and navigation.
- Learn techniques of responsive web design, including media queries.
- Develop basic programming skills using Javascript .
- Be able to embed social media content into web pages.

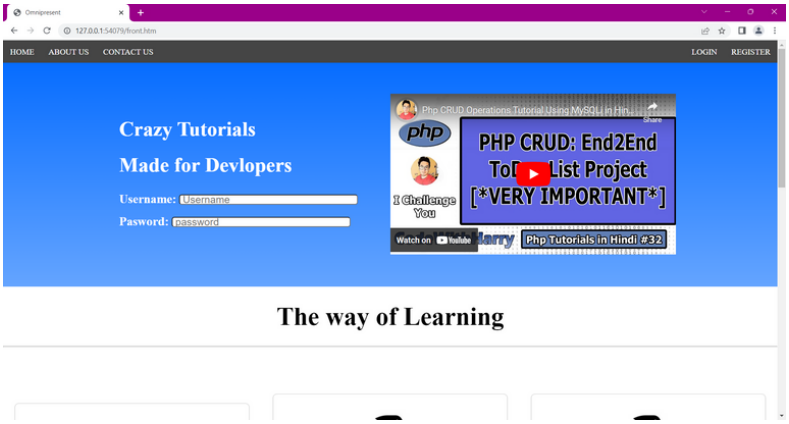
Objective:-

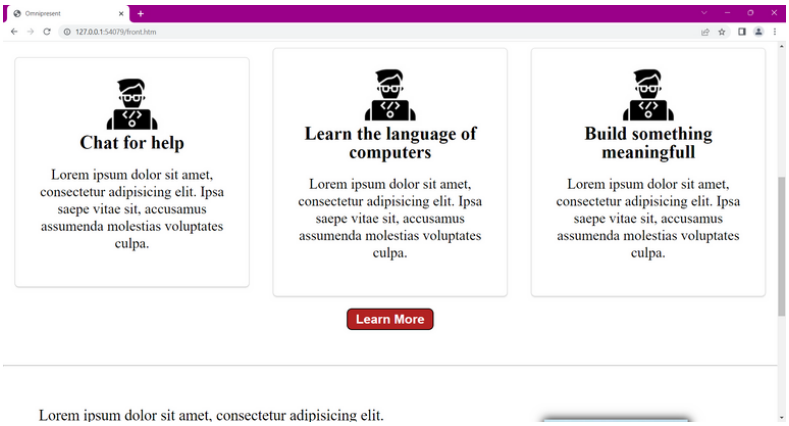
To develop a functional webpage using HTML, CSS, Javascript, node js and the site should be responsive according to devices like mobile ,tablets etc.

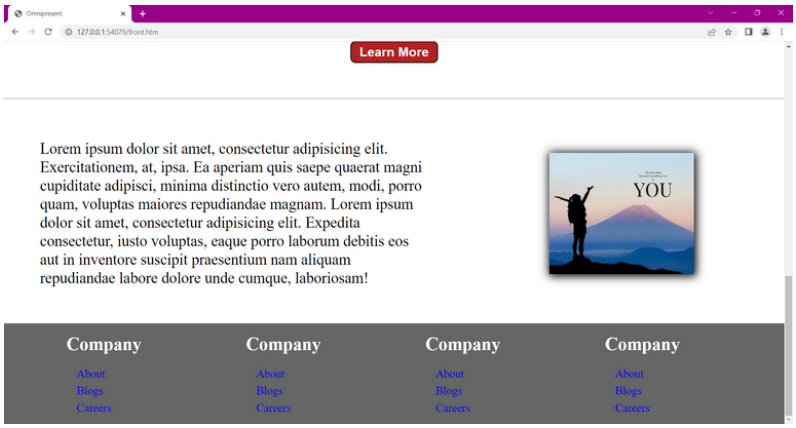
In this project, we are trying to develop a website that is to be used for educational purposes and to post blogs and various others courses, and it should be able to store the data of registered users.

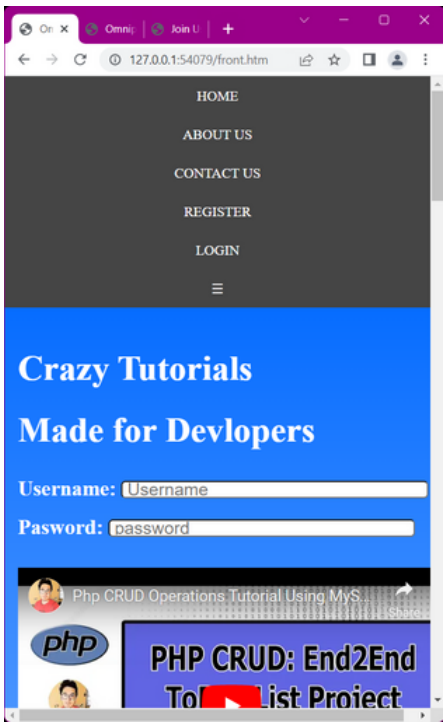
Output

Desktop view



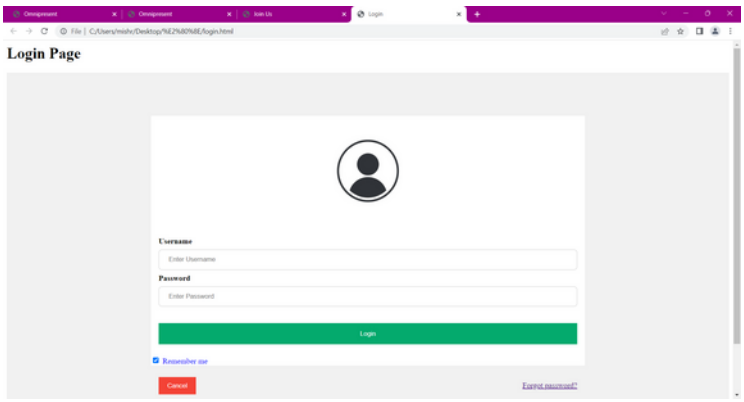






Mobile view

Output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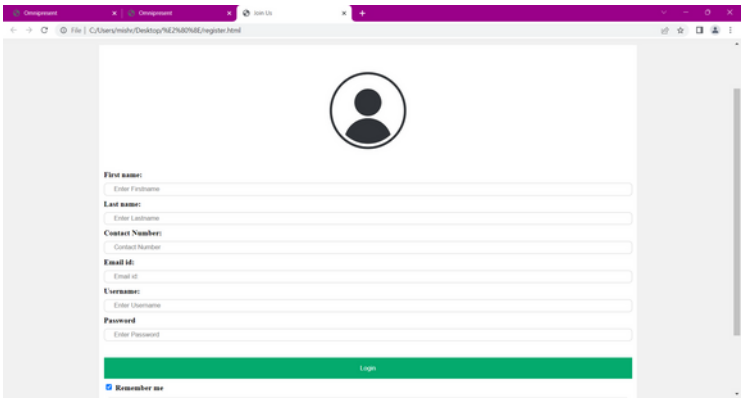
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Email id
Username:
Enter Username
Password
Enter Password
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Hardware and Software Requirement(Client Side):-

1. Operating System : Windows7/8/10/11
2. Processor : 1GHz
3. System Type: 64/32bit
4. Storage Required: 100MB
5. RAM Requiredd: 2GB
6. Software's used: Brackets, chrome.

Hardware and Software Requirement(Development Side):-

1. Operating System : Windows10
2. Processor : 4.5GHz
3. System Type: 64bit
4. Storage Specifications: 1 Tb Hdd and 512 Gb Ssd
5. RAM Specifications: 8GB
6. Software's used: Brackets, chrome, vs code, node js.

Reference:-

1.Text:-

Full stack reference by Kuldeep sir

Full stack development by W3schools

2.Web source:-

https://www.w3schools.com/

https://www.youtube.com/playlist?list=PLwoh6bBAszPrES-EOajos_E9gvRbL27wz