

Internship Report
on
PHOTO EDITING WEB APP

Submitted

by

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20F11A0526

In partial fulfillment of the requirement for the award of the Degree of

Bachelor of Technology

In

COMPUTER SCIENCE & ENGINEERING

By

Under the esteemed guidance of

Dr. D. Bright Anand, Ph.D., Professor



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NARAYANA ENGINEERING COLLEGE :: GUDUR
(AUTONOMOUS)

(Recognised by UGC (f) and 12(B), An ISO 9001:2015 Certified Institution, Approved by AICTE New Delhi & Permanently Affiliated to JNTUA, Ananthapuramu)

Dhurjati Nagar, Gudur-524101, SPSR Nellore Dt., A.P., India

WEBSITE: www.necg.ac.in

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



BONAFIDE CERTIFICATE

This is to certify that the internship report entitled **“PHOTO EDITING WEB APP”** being submitted by **M Jayavishnu (20F11A0526)**, in partial fulfilment for the award of the Degree of **Bachelor of Technology in Computer Science & Engineering** Department to the Narayana Engineering College Gudur, is a record to be bonafied work carried out by him/her under my guidance and supervision.

INTERNSHIP GUIDE

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Professor

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M JAYAVISHNU

20F11A0526

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1. OVERVIEW OF WEB DEVELOPMENT & DESIGNING

1.1 What is Web Technology?

Web Technology refers to the various tools and techniques that are utilized in the process of communication between different types of devices over the internet. A web browser is used to access web pages. Web browsers can be defined as programs that display text, data, pictures, animation, and video on the Internet. Hyperlinked resources on the World Wide Web can be accessed using software interfaces provided by Web browsers.

1.2 Philosophy of Web Development

website is a powerful entity capable of representing an idea, a person, a company, a service or a product. Being that a website has such potential, in order to design such an advanced system, sometimes it becomes beneficial to look at it from a psychological perspective.

1.3 Goals of Web Development

- A major **"motivation for a web designer"** is self-expression in being able to design and develop a website to be proud of.
- Another **goal** is to make sure users of the website have a good experience. Finally, a webdesigner hopes for career rewards, such as good pay and advancement.

1.4 What Contributes to Web Development?

To become a Web Developer, should have an understanding of HTML, CSS, and JavaScript. It's also recommended to learn about CSS and CSS frameworks. Developing these fundamental web development skills will give the foundation and logic for communicating with programming languages.

1.5 What is Web Techniques?

Web Technology refers to the various tools and techniques that are utilized in the process of communication between different types of devices over the internet. A web browser is used to access web pages. Web browsers can be defined as programs that display text, data, pictures, animation, and video on the Internet. Hyperlinked resources on the World Wide Web can be accessed using software interfaces provided by Web browsers

1.6 History of web technology.

Tim Berners-Lee, the inventor of HTML, used to work in the computer section of the CERN ("Conseil European pour la Recherche Nuclaire", or European Council for Nuclear Research) at Geneva, Switzerland. CERN is an institution for researching particle physics which requires the collaboration of physicists all over the world.

Here is the history web development during 20th century:

| Year | Milestone/Innovation |
|------|--|
| 1991 | In 1991, an open discussion group HTML-talk was started across the internet for the development of HTML. |
| 1992 | In 1992, Dave Raggett from Hewlett-Packard's Labs in Bristol, England who was one of the enthusiastic of HTML, met Tim and upon returning England, Dave wrote a richer version of HTML called HTML+. |
| 1992 | In 1992, NCSA showed interest in web and contributed to take the development of web a step further. |
| 1993 | March 1993: Lou Montulli releases the Lynx browser version 2.0a. |
| 1993 | Early 1993: Dave Raggett begins to write his own browser. |
| 1993 | April 1993: The Mosaic browser is released. |
| 1993 | Late 1993: Large companies underestimate the importance of the Web. |
| 1994 | May 1994: NCSA assigns commercial rights for Mosaic browser to Spyglass Inc. The Internet Engineering Task Force (IETF) sets up an HTML working group. |
| 1995 | Through 1995: HTML is extended with many new tags. HTML 3 is published as an Internet Draft. A further over the HTML Tables specification. |
| 1996 | February 1996: The HTML ERB is formed. The W3 Consortium working draft on Scripting comes out. Microsoft seems more interested than first imagined in open standards. |
| 1997 | January 1997: HTML 3.2 is ready. |
| 1998 | In spring 1998, HTML 4.01 was materialized finally and become a w3c recommendation. |

| | |
|------|---|
| 2008 | In January 2008, a working draft of HTML 5 is prepared. The current version of HTML is HTML 4.01 which have discussed in our HTML |
| 2008 | Development of HTML 5 is underway but developers have already started using some of it's features |

2. INTRODUCTION TO HTML

2.1 What is HTML?

Stands for "Hypertext Markup Language." HTML is the language used to create webpages. "Hypertext" refers to the hyperlinks that an HTML page may contain. "Markup language" refers to the way tags are used to define the page layout and elements within the page.

Below is an example of HTML used to define a basic webpage with a title and a single paragraph of text.

2.2 Basic Structure of the simple website :

```
<!doctype html>
<html>
<head>
<title>TechTerms.com</title>
</head>
<body>
<p>This is an example of a paragraph in HTML.</p>
</body>
</html>
```

The first line defines what type of contents the document contains. "<!doctype html>" means the page is written in HTML5. Properly formatted HTML pages should include <html>, <head>, and <body> tags, which are all included in the example above. The page title, metadata, and links to referenced files are placed between the <head> tags. The actual contents of the page go between the <body> tags.

The web has gone through many changes over the past few decades, but HTML has always been the fundamental language used to develop webpages.

Interestingly, while websites have become more advanced and interactive, HTML has actually gotten simpler. If compare the source of an HTML5 page with a similar page written in HTML 4.01 or XHTML 1.0, the HTML5 page would probably contain less code. This is because modern HTML relies on cascading style sheets or JavaScript to format nearly all the elements within a page.

The web has gone through many changes over the past few decades, but HTML has always been the fundamental language used to develop webpages.

NOTE: Many dynamic websites generate webpages on-the-fly, using a server- side scripting language like PHP or ASP. However, even dynamic pages must be formatted using HTML. Therefore, scripting languages often generate the HTML that is sent to your web browser.

3. INTRODUCTION TO CSS

3.1 What is CSS ?

CSS, stands for Cascading Style Sheet is a computer language to describe presentation (for example width, height, color, background color, alignment etc.) of HTML and XML (and XML based languages like XHTML, SVG) web documents. In all the examples of our tutorials, have used HTML for implementing CSS. CSS is a standard specified and maintained by World Wide Web Consortium.

From its invention, CSS has evolved through different versions. The present version of CSS is CSS2.1 Next version of CSS is CSS3, which is under development but developers have already started using some of its features.

In the consequent pages, will discuss CSS 2.1 in detail. Learning which, will be able to implement CSS in your own web pages.

3.2 Basic Structure of CSS:

```
body{
background-color:lightblue;
}
h1{ color:white;
text-align:center;
}
p {
font-family:verdana;font-size: 20px;
}
```

3.3 How CSS can be associated with an HTML web page:

Writing CSS code in a separate file (CSS files are saved with .css extension) and including that CSS file in head section of an HTML page using <link> element. Separation of content from presentation: Writing CSS code in another CSS file and attaching it to an HTML page, can separate content from presentation. So, as an author, need not be concerned about presentation and concentrate on content only.

Consistency: CSS can provide a consistent presentation for all of the pages of a web site.

The Increment in accessibility: If a particular page (or a number of pages) needs a different look and formatting, with a change of a single line, that can be achieved by calling more than one CSS for the same page.

4. INTRODUCTION JAVASCRIPT

4.1 What is JavaScript?

JavaScript is a cross-platform, object-oriented scripting language developed by Netscap. JavaScript was created by Netscape programmer Brendan Eich. It was first released under the name Live Script as part of Netscape Navigation 2.0

September 1995. It was renamed JavaScript on December 4, 1995. As JavaScript works on the client side, It is mostly used for client-side web development.

JavaScript is designed for use on web pages and closely integrated with HTML. JavaScript can create applications which run in the browsers such as IE, Opera, Fire Fox, Google Chrome and other. Netscape submitted JavaScript to International for standardization resulting in the standardized version named ECMAScript.

4.2 JavaScript and Java:

Java is a programming language developed by Sun Microsystems, Inc. and JavaScript is a scripting language developed by Netscape. Java is a server-side and static type language. JavaScript is a client-side, dynamically typed language. Java programs are compiled on the server and run on almost every platform without distribution of source code whereas scripts written in JavaScript are placed inside a HTML document and interpreted by the browser. The syntax, reserved-words of JavaScript and Java are also different. and JavaScript is a scripting language developed by Netscape. Java is a server-side and static type language. JavaScript is a client-side, dynamically typed language.

4.3 JavaScript compares to Java:

| Java Language | JavaScript Language |
|---|--|
| It is a Programming language. | It is a scripting language. |
| Java is a pure Object-Oriented Language. | JavaScript is Object-Based Language. |
| Java is a Standalone language. | JavaScript is not a standalone language, as it needs to be integrated into an HTML program for execution. |
| Java is a strongly typed language, which means that the user has to decide the data type of the variable before declaring . Example "int a", the variable "a" can store | JavaScript is a loosely typed language, which means that the user does not have to worry about the data-type of the variable before and after the declaration. |

| | |
|---|---|
| the value of integer type only. | Example "var a", the "a" variable can store the value of any data-type. |
| Java program should be compiled before execution. | JavaScript needs to be integrated into the HTML program for the execution. |
| The web-browser is not required to run java programs. | The web-browser is essential to run the JavaScript programs. |
| It is one of the complex languages to learn. | It one of the easy languages to learn. |
| In Java, by utilizing the Multi-threading, users can perform complicated tasks. | In JavaScript, user is not able to perform complicated tasks. |
| It requires a large amount of memory. | It does not require that amount of memory. |
| Java programming language was developed by the "Sun Microsystems." | JavaScript programming language was developed by the "Netscape." |
| In Java programming language, programs are saved with the ".java" extension. | On the other hand, programs in JavaScript are saved with the ".js" extension. |
| Java is stored on the host machine as the "Byte" code. | JavaScript is stored on the Host machine (client Machine) as the "source" text. |

5. INTRODUCTION BOOTSTRAP

5.1 What is Bootstrap?

Twitter Bootstrap is a frontend framework to develop web apps and sites fast. In modern web development, there are several components which are required in almost all web projects. Bootstrap provides with all those basic modules - Grid, Typography, Tables, Forms, Buttons, and Responsiveness. Besides, there are a plethora of other useful front-end components like Dropdowns, Navigation, Modals, Typehead, Pagination, Carousel, Breadcrumb, Tab, Thumbnails, Headers etc. With these, can make a web project up and running quickly and easily.

Moreover, since the entire framework is module based, can customize it with your own bit of CSS or even go for a complete overhaul after getting started.

It is based on the several best practices and believe it is a very good point to start learning modern day web development with HTML, and JavaScript/Jquery once know the basics.

Though there are criticisms, that all Bootstrap made projects looks same and can make a website up without much of HTML+CSS knowledge, need to understand that Bootstrap is a generic framework and like any other generic stuff, need to customize it to look it exclusively. And need to developed when are on your way to customizing it and that is not feasible without a well understanding of HTML+CSS.

5.2 Download and understand file structure:

download Bootstrap Version 3.0.0 from <https://github.com/twbs/bootstrap/archive/v3.0.0.zip> (full). <https://github.com/twbs/bootstrap/releases/download/v3.0.0/bootstrap-3.0.0-dist.zip> have used the first one, but may use the second one too.

Moreover, our code which has given to be downloaded contains a bootstrap code folder downloaded from the first link. This also contains the custom.css file have used to customize Bootstrap's original css.

Once unzipped, would find that there are several files and folders are available within the root folder bootstrap-3.0.0.

The main CSS files - bootstrap.css and minified version of it bootstrap-min.css are available within 'css' folder which is placed within 'dist' folder under bootstra3.0.0.

Within 'dist' there is a 'js' folder, which contains the main JavaScript file bootstrap.

5.3 Basic Structure of Bootstrap:

Besides downloading from the link given, may also compile all CSS, js files with the following command

\$ bower install bootstrap

clone the Bootstrap's Git repo

git clone git://github.com/twbs/bootstrap.git

Downloaded the Zip file and will be working out of that. Once finish this tutorial, encourage to install with bower and let us know how it works.

Net DNA hosts compiled and minified version of Bootstrap CSS, Js, and optional theme css. include them like following

```
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css">
<!-- Optional theme -->
<link rel="stylesheet"
href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap-
theme.min.css">

<!-- Latest compiled and minified JavaScript -->
<script src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js">
</script>
```


6. INTRODUCTION JQuery

6.1 JQuery:

JQuery is a fast, small, cross-platform and feature-rich JavaScript library. It is designed to simplify the client-side scripting of HTML. It makes things like HTML document traversal and manipulation, animation, event handling, and AJAX very simple with an easy-to-use API that works on a lot of different type of browsers. The main purpose of jQuery is to provide an easy way to use JavaScript on your website to make it more interactive and attractive. It is also used to add animation.

6.2 What is JQuery?

JQuery is a small, light-weight and fast JavaScript library. It is cross-platform and supports different types of browsers. It is also referred as write less do more? because it takes a lot of common tasks that requires many lines of JavaScript code to accomplish, and binds them into methods that can be called with a single line of code whenever needed. It is also very useful to simplify a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

- JQuery is a small, fast and lightweight javascript library.
- JQuery is platform-independent.
- JQuery means "write less do more".
- JQuery simplifies AJAX call and DOM manipulation.

6.3 JQuery Features:

Sometimes, a question can arise that what is the need of jQuery or what difference it makes on bringing jQuery instead of AJAX/ JavaScript? If jQuery is the replacement of AJAX and JavaScript? For all these questions, can state the following answers

- It is very fast and extensible.
- It facilitates the users to write UI related function codes in minimum possible lines.
- It improves the performance of an application.
- Browser's compatible web applications can be developed.
- It uses mostly new features of new browsers.

So, can that out of the lot of JavaScript frameworks, jQuery is the most popular and the most extendable. Many of the biggest companies on the web use jQuery. Some of these companies are:

- Microsoft
- Google
- IBM
- Netflix

7. RESPONSIVE DESIGN

7.1 What is Responsive Design

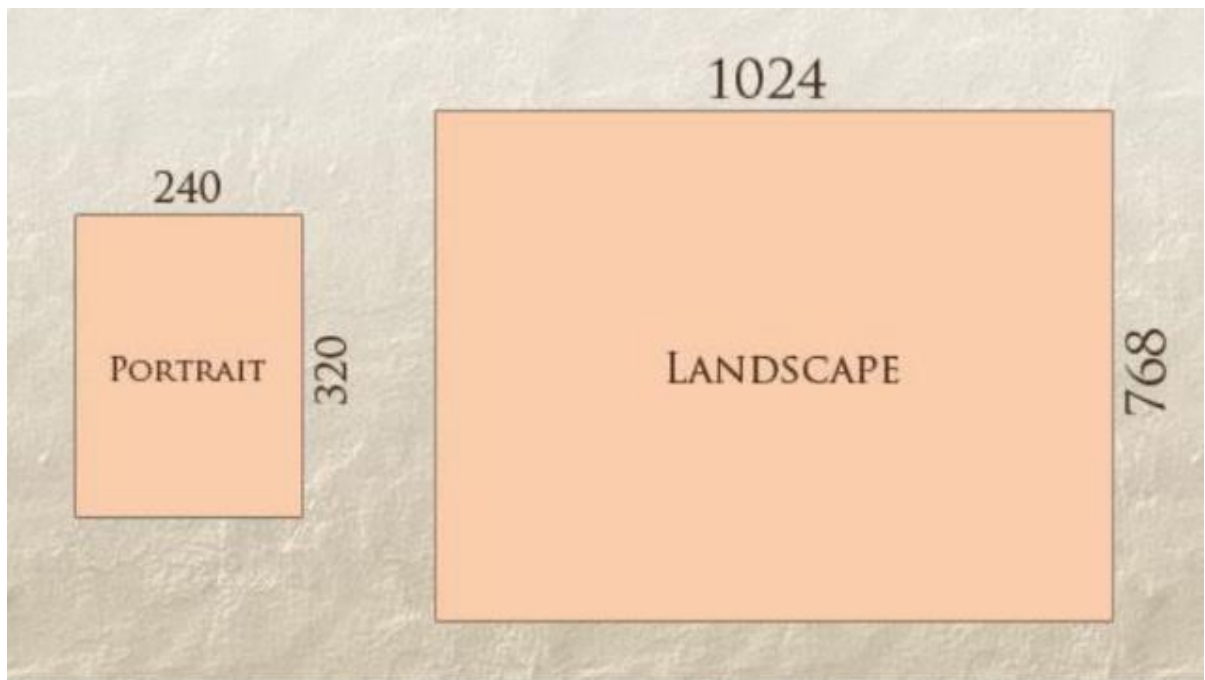
Responsive Web design is the approach that suggests that design and development should respond the user's behavior and environment based on screen size, platform and orientation. The practice consists of a mix of flexible grids and layouts, images and an intelligent use of CSS media queries. As the user switches from their laptop to iPad, the website should automatically switch to accommodate for resolution, image size and scripting abilities. One may also have to consider the settings on their devices; if they have a VPN for iOS on their iPad, for example, the website should not block the user's access to the page. In other words, the website should have the technology to automatically respond to the user's preferences. This would eliminate the need for a different design and development phase for each new gadget on the market.

7.2 The Concept of Responsive Web Design

Responsive Web design requires a more abstract way of thinking. fluid layouts, media. However, some ideas are already being practiced: fluid layouts, media queries and scripts that can reformat Web pages and mark-up effortlessly (or automatically). But responsive Web design is not only about adjustable screen resolutions and automatically resizable images, but rather about a whole new way of thinking about design.

Let's talk about all of these features, plus additional ideas in the making. Adjusting Screen Resolution With more devices come varying screen resolutions, definitions and orientations. New devices with new screen sizes are being developed every day, and each of these devices may be able to handle variations in size, functionality and even color. Some are in landscape, others in portrait, still others even completely square.

As know from the rising popularity of the iPhone, iPad and advanced smartphones, many new devices are able to switch from portrait to landscape at the user's whim. How is one to design for these situations?



8. INTRODUCTION TO PHP

8.1 What is PHP ?

PHP started out as a small open source project that evolved as more and more people found out how useful it was. Rasmus Lerdorf unleashed the first version of PHP way back in 1994.

- PHP is a recursive acronym for "PHP: Hypertext Preprocessor".
- PHP is a server side scripting language that is embedded in HTML.
- It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.
- It is integrated with a number of popular databases, including mysql, postgresql, Oracle, Sybase, Informix, and Microsoft SQL Server.
- PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The mysql server, once started, executes
- Even very complex queries with huge result sets in record-setting time.
- PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.
- PHP is forgiving: PHP language tries to be as forgiving as possible.
- PHP Syntax is C-Like.

8.2 Characteristics of PHP

Five important characteristics make PHP's practical nature possible –

- Simplicity
- Efficiency
- Security
- Flexibility
- Familiarity

8.3 Basic Structure of PHP

```
<html>

    <head>
        <title>Hello World</title>
    </head>

    <body>
        <?php echo "Hello, World!";?>
    </body>

</html>
```

8.4 Common uses of PHP:

PHP performs system functions, i.e. from files on a system it can create, open, read, write, and close them.

- PHP can handle forms, i.e. Gather data from files, save data to a file, through email can send data, return data to the user.
- Add, delete, modify elements within your database through PHP.
- Access cookies variables and set cookies.
- Using PHP, can restrict users to access some pages of website.
- It can encrypt data.

9. INTRODUCTION TO MYSQL

9.1 What is MYSQL?

MySQL is an open-source relational database management system (RDBMS). It is the most popular database system used with PHP. MySQL is developed, distributed, and supported by Oracle Corporation.

- The data in a MySQL database are stored in tables which consists of columns and rows.
- MySQL is a database system that runs on a server.
- MySQL is ideal for both small and large applications.
- MySQL is very fast, reliable, and easy to use database system. It uses standard SQL
- MySQL compiles on a number of platforms.

9.2 Download MYSQL database:

MySQL can be downloaded for free from [link](#). How to connect PHP with MySQL Database? PHP 5 and later can work with a MySQL database using:

1. MySQL extension.
2. PDO (PHP Data Objects).

9.3 Basic structure of MYSQL Connection:

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";

// Creating connection
$conn = new mysqli($servername, $username, $password);

// Checking connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully";
?>
```

10. ASSIGNMENTS

10.1 Registration Form with MYSQL Database:

The complete process of creating a user registration system where users can create an account by providing username, email and password, login and logout using PHP and mysql. And also show some pages accessible only to logged-in users. Any other user not logged in will not be able to access the page.

TOOLS:

1. MYSQL php Database (XAMPP Server)
2. HTML
3. PHP
4. CSS
5. VS code
6. GitHub & Gitbash

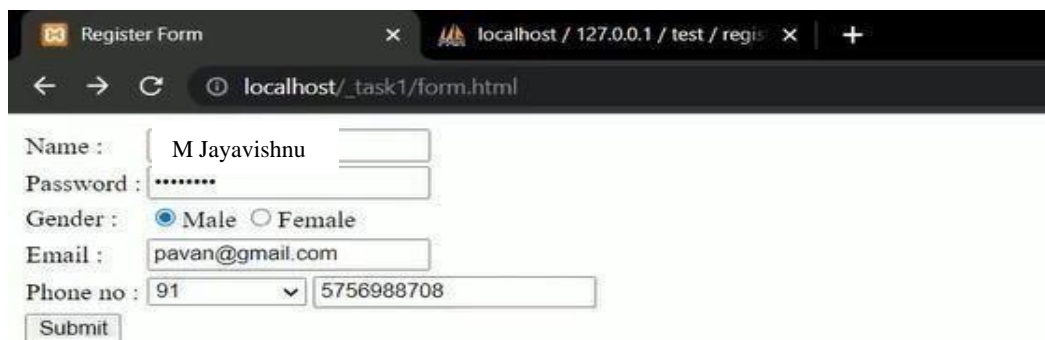
Source code Link:

<https://github.com/jayavishnumadhiri>

LinkedIn:

https://www.linkedin.com/posts/jayavishnu-madhiri-471542237_registration-form-task-in-web-development-activity-6945708320225665024zzkv?utm_source=linkedin_share&utm_medium=android_app

OUTPUT:



The screenshot shows a web browser window with the title 'Register Form'. The address bar displays 'localhost/_task1/form.html'. The form contains the following fields and controls:

- Name :** A text input field containing 'M Jayavishnu'.
- Password :** A password input field with masked characters '.....'.
- Gender :** Two radio buttons labeled 'Male' (selected) and 'Female'.
- Email :** A text input field containing 'pavan@gmail.com'.
- Phone no :** A dropdown menu showing '91' and a text input field containing '5756988708'.
- Submit** : A button at the bottom of the form.

Server: 127.0.0.1 » Database: test » Table: register

Extra options

| | id | username | password | gender | email | phoneCode | phone |
|---|----|---------------|------------|--------|-------------------------|-----------|------------|
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | 6 | pavan | helloworld | m | pavannaidu123@gmail.com | 91 | 1234567890 |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | 7 | goparajupavan | pavan | m | pavan12345@gmail.com | 91 | 1234567890 |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | 8 | pavanreddy | pavan | m | pavan5112@gmail.com | 91 | 1234567890 |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | 9 | helloworld | helloworld | m | helloworld@gmail.com | 91 | 1234567890 |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | 10 | pavanvarma | java | m | java@gmail.com | 91 | 1234567890 |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | 11 | ddgghtdg | 343feet5 | m | gftg@mail.c0m | 91 | 775 |

Query results operations

10.2 Login Form with MYSQL Database:

The complete process of creating a user login system where users can create an account by providing username, email and password, login and logout using PHP and mysql. And show how some pages accessible only to logged-in users. Any other user not logged in will not be able to access the page.

TOOLS:

1. MYSQL php Database (XAMPP Server)
2. HTML
3. PHP
4. CSS
5. VS code
6. GitHub & Gitbash

Source code Link:

<https://github.com/jayavishnumadhiri>

LinkedIn:

https://www.linkedin.com/posts/jayavishnu-madhiri-471542237_registration-form-task-in-web-development-activity-6945708320225665024zzkv?utm_source=linkedin_share&utm_medium=android_app

OUTPUT:



10.3 User and Admin form on register & login into entire website web applications

TOOLS:

1. MYSQL php Database (XAMPP Server)
2. HTML
3. PHP
4. CSS
5. VS code
6. GitHub & Gitbash

Source code Link:

<https://github.com/jayavishnumadhiri>

LinkedIn:

https://www.linkedin.com/posts/jayavishnu-madhiri-471542237_registration-form-task-in-web-development-activity-6945708320225665024zzkv?utm_source=linkedin_share&utm_medium=android_app

Output:

List of Employees

| ID | First Name | Last Name | Email | Phone | Address | Action |
|----|------------|-----------|---------------------------|------------|---------------------|---|
| 1 | Tharun | Naidu | TharunNaidu@microsoft.com | +100100100 | Hyderabad,Telangana | Update Delete |
| 2 | Prakash | Reddy | Prakash@gmail.com | +111222333 | delhi,India | Update Delete |
| 3 | Pavan | Goparaju | pavangoparaju@gmail.com | +123123123 | New York, USA | Update Delete |
| 10 | Saniya | Kalloufi | Saniya@gmail.com | +129129129 | California, USA | Update Delete |

10.4 College Management System with CURD Method by using PHP and MySQL.

CRUD is an acronym for Create, Read, Update, and Delete. CRUD operations are basic data manipulation for database. We've already learned how to perform create (i.e., insert), read (i.e., select), update and delete operations in previous chapters. In this tutorial we'll create a simple PHP application to perform all these operations on a MySQL database table at one place.

TOOLS:

1. MYSQL php Database (XAMPP Server)
2. HTML
3. PHP
4. CSS
5. VS code

Source code Link:

<https://github.com/jayavishnumadhiri>

LinkedIn:

https://www.linkedin.com/posts/jayavishnu-madhiri-471542237_registration-form-task-in-web-development-activity-

OUTPUT:

Student Add

BACK

Student Name

pavan

Student Email

tharun

admin

Student Phone

pavan

prakash

Student Cours

yuva

Save Student



phpMyAdmin

Recent Favorites

New

blog

New

students

blogs

form

form1

information_schema

mysql

performance_schema

phpmyadmin

students

test

tharun

tharun1

user2

users

youtube

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Tracking

Triggers

Showing rows 0 - 1 (2 total, Query took 0.0124 seconds.)

SELECT * FROM `students`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

id

name

email

phone

course

1

tharun

d.tharunnaidu123@gmail.com

6304468683

cse

2

yuva

yuva@gmail.com

1234567890

cse

Check all

With selected

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard


Export

Display chart

Create view

Bookmark this SQL query

MY TEAM



28

11. PROJECT

PHOTO EDITING WEB APP

INTRODUCTION:

- ❖ Our online photo editor helps edit photos with free online photo editing tools.
- ❖ Crop photos, resize images, and add effects/filters, text, and graphics in just a few clicks.
- ❖ Photoshop online has never been easier with free online photo editor.

LANGUAGES USED:

- HTML
- CSS
- JAVA SCRIPT

PHOTO EDITING WEB APP FEATURES:

- Crop, resize, and remove backgrounds.
- Touch up tools to fix image problems.
- Convert any photo into a cartoon.
- Add texture to backgrounds or make them transparent.
- photo effects and filters.
- Batch image editing tool

The HTML pages

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" href="projectcss.css">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <script type="text/JavaScript">window.
    Onload=function ()
    {ctx.drawImage(img,0,0,300,260);
    q = ctx.getImageData(0,0,300,260); document.getElementById("inv").addEventListener("click",invert);
    document.getElementById("whiteblack").addEventListener("click",whiteblack);
    document.getElementById("rote").addEventListener("click",rote);
    document.getElementById("lightchange").addEventListener("click",lightchange);
    document.getElementById("clearbtn").addEventListener("click",clear);
    document.getElementById("mirror").addEventListener("click",mirror);
    document.getElementById("coltrns").addEventListener("click",coltrns);
    }
    </script>
  </head>
  <body>
    <div id="main" style="padding-bottom:5px" >
      <div id="canv">
        <canvas id="myCanvas"></canvas>
        
        <div id="f1">
          <div class="sbm">
            <button class="sbms" id="inv">Invert</button>
            <button class="sbms" id="whiteblack">W/B</button>
            <button class="sbms" id="lightchange">W/B+</button>
            <button class="sbms" id="coltrns">Dirty</button>
          </div>
          <div class="sbm">
            <button class="sbms" id="mirror">Mirror</button>
            <button class="sbms" id="trp" onclick="transparent()">Dim</button>
          </div>
          <div class="sbm">
            <button class="sbms" id="rote"><--Rote</button>
            <button class="sbms" id="rote" onclick="rote2()">Rote--></button>
          </div>
          <div class="sbm">
            <button class="sbms" id="addtext" onclick="addtxt()">Add Text</button>
          </div>
        </div>
      </div>
    </div>
```

```

</div>
<div id="f2">
<button class="men" onclick="menuOpen(0,1,2,3)">&copy;</button>
<button class="men" onclick="menuOpen(1,0,2,3)">#</button>
<button class="men" onclick="menuOpen(2,1,0,3)">&reg;</button>
<button class="men" onclick="menuOpen(3,1,2,0)">+</button>
</div>
</div>

<div>
<button id="uploadbtn" onclick="upld()">Upload</button>
<button id="clearbtn">Clear</button>
</div>

</div>

<div id="modal" style="display:none;background:#333;position:absolute;">
<input type="text" id="uri" placeholder="Paste data URI of your image">
<br>
<p id="warning">Note: have to enter the Data URI of your imge.
To convert your image to Data URI <a href="https://www.base64-image.de">Clickhere</a></p>
<button onclick="go()" id="submit">Go</button><br>
<p style="text-align:center;color:#fff;">or</p>
<input type="file" id="files">

<label for="files" id="fileuploadbutton">Choose a
file...</label>
<p id="warning2">Note: SoloLearn app and some browsers doesn't support fileuploading</p>
<input type="submit" onclick="imgload2()" value="Upload"
style="color:#fff; background:rgb(5,225,122); border:none; font-weight:700;padding:5px; font-
size:17px; border-radius:3px; margin-top:10px">
<br><button id="back" onclick="back()">Back</button>
<output id="list"></output>
</div>

<!--add text-->
<input type="submit" value="" id="txt-preview" style="margin:0; padding:0;background:none;
border:1px solid #000; visibility:hidden; font-weight:900;">
<br>
<div id="movebutton">
<button onclick="moveTop()" class="moveb" style="transform:rotate(90deg);-moz-
transform:rotate(90deg);-ms-transform:rotate(90deg);-webkit-transform:rotate(90deg)"><<</button><br>
<button onclick="moveLeft()" class="moveb" style="margin-right:20px;"><<</button>
<button onclick="moveRight()" class="moveb" style="margin-left:20px;">>></button><br>
<button onclick="moveDown()" class="moveb" style="transform:rotate(270deg);

```

```

-moz-transform:rotate(270deg);-ms-transform:rotate(270deg);-webkit-
transform:rotate(270deg)"><</button><br>
<button onclick="cancelTxt()" id="cancelTxt">Cancel</button>
<button onclick="attachTxt()" id="attachTxt">Done</button>
</div>
<div id="txtMenu">
<div id="main-text">
<span class="txt-title">Enter your TEXT below</span>
<input type="text" id="enterTxt" oninput="previewTxt()">
</div>
<div id="font-color">
<span class="txt-title">Text Color</span>
<div id="preview">
<h3 id="previewcolor" style="text-align:center; padding-top:12px;">rgb(0,0,0);</h3>
</div>
<input type="range" id="red" min="0" max="255" step="1" value="0" onchange="prevw()"
oninput="previewTxt()">
<input type="range" id="green" min="0" max="255" step="1" value="0" onchange="prevw()"
oninput="previewTxt()">
<input type="range" id="blue" min="0" max="255" step="1" value="0" onchange="prevw()"
oninput="previewTxt()">
</div>
<div id="font-size">
<span class="txt-title">Font Size</span>
<div id="font-size-prev"><h3 id="font-size-prev-text" style="color:#fff; text-align:center; padding-
top:4px">20px</h3></div>
<input type="range" id="fs" min="15" max="50" step="1" value="20" onchange="fns()"
oninput="previewTxt()">
</div>
<div id="font-family" style="margin:0px 15%; font-size:18px;">
<span class="txt-title">Font Style</span>
<input type="radio" name="selectstyle" value="filltext" checked="checked">Fill Text<br>
<input type="radio" name="selectstyle" value="stroketext">Stroke Text<br>
<input type="submit" value="ok" onclick="textsub()"
style="display:block;margin:3px
auto;background:rgb(0,210,0);color:#fff;border:none;border-
radius:2px;height:30px;width:60px;font-size:22px;font-weight:900">
</div>
</div>
</body>
</html>

```


The CSS Page

```
<style type="text/css">
    *{
        text-align:center;
        padding:0; margin:0
        auto;
    }

    body {
        padding:0px;
        font-family:Arial,sans-serif;
    }

    #main{
        min-width:305px;
        max-width:420px;
        border:5px solid #000;min-
        height:430px; display:block;
        margin:0px auto;
    }

    #canvs{
        height:260px;
    }

    #f1{
        height:60px;
    }

    f2{

    }

    #myCanvas{ display:block;
        margin:5px auto; border:3px
        solid #22f;position:relative;
    }

    .men{
        display:inline-block;
        background:-webkit(left, #1c89f2,#1c89f2,#0269c5,#0269c5);width:50px;
        margin:2px;
        height:50px;
```

```

color:#fff; font-
weight:800;
border-radius:50%;
border:none;
font-size:30px;
box-shadow:1px 2px #000;
}

.men:hover { box-
shadow:none;
transform:rotate(360deg); transition:transform .5s
linear;
}

.sbm{ width:90%;
display:none;
margin:5px auto;
height:50px;
}

.sbms{ display:inline-block;
height:40px; width:60px;
border:none;
background:#000;
color:#fff;
font-weight:900;
margin:5px 0; border-
radius:30px;
}

/*Add text*/ #txt-
preview{
position:absolute;
}

button{
width:50px;
height:30px;
text-align:center;
display:inline-block;
margin:10px auto;
}

```

```

.txt-title{ display:block;
margin:5px auto; text-
align:center;font-
size:17px; font-
weight:800;
}

#enterTxt{ display:block;
margin:15px auto; border:2px
solid #000;height:30px;
font-size:20px; font-
weight:800;
width:70%; margin-
top:-3px;
}

input[type="range"]{
display:block; width:70%;
margin:20px auto;
}

#red{
background:red;
-webkit-appearance: none !important;height:7px;
border-radius:20px; border:2px solid
#000;
}

#green{
background:green;
-webkit-appearance: none !important;height:7px;
border-radius:20px; border:2px solid
#000;
}

#blue{
background:blue;
-webkit-appearance: none !important;height:7px;
border-radius:20px; border:2px
solid #000;
}

```

```

#preview {
width:50%;
margin:5px auto;
height:50px;
background:#000;
color:#fff;
border-radius:20px;
}

#font-size-prev{
width:70px; margin:5px
auto; background:#000;
height:30px; border-
radius:4px;
}

#fs{ background:rgb(245,18,228);
-webkit-appearance: none !important;height:7px;
border-radius:200px; border:2px
solid #000;
}

#txtMenu{
position:absolute;
border:2px solid red;
background:#888;
display:none;
}

#movebutton{
position:absolute; display:none;
background:rgb(81,179,240);
border:5px solid #000;
}

.moveb{
display:inline-block;
height:40px; width:40px;
margin:2px auto;
background:rgb(135,222,79); border:1px
solid rgb(61,23,245);border-radius:2px;
font-size:30px; font-
weight:900;

```

```

        color:#fff;
    }

    #attachTxt,#cancelTxt{
        display:inline-block;
        border:none; color:#fff;
        border-radius:2px;font-
        weight:800;
    }

    #attachTxt {
        background:rgb(48,200,94);
        float:right;
        margin:0px 10px 10px 0px;
    }

    #cancelTxt {
        float:left;
        background:rgb(224,0,22);
        margin:0px 0px 10px 10px;
    }

    #upload{
        display:none;
    }

    #uploadbtn,#clearbtn{
        border:none; color:#fff;
        border-radius:2px;font-
        weight:800;
    }

    #uploadbtn {
        background:rgb(48,200,94);
        margin:5px 100px 0px 0px;
    }

    #clearbtn {
        background:rgb(224,0,22);
        margin:5px 0px 0px 100px;
    }

    #files { width:.1px;
        height:.1px;
        overflow:hidden;
        opacity:0;

```

```

z-index:-10;
position:absolute;
}

#fileuploadbutton {
display:block;
height:30px;
width:160px;
font-size:20px;
background:red; font-
weight:700;
margin:15px auto;
border-radius:2px;
padding-top:3px;
}

#files:focus + label{ outline:1px
dotted #fff;
outline:-webkit-focus-ring-color auto 5px;cursor:pointer;
}

#uri{
border:2px solid #fff;border-
radius:2px; margin:20px 0px
0px;
}

#warning,#warning2 {
color:red; padding:0 10px;
}

#submit,#back{
padding:7px;
border:none; border-
radius:3px; margin:5px
0px 0px;color:#00f;
font-weight:900;
}

#back{
background:rgb(5,117,222);
color:#fff;
margin-top:10px; margin-
bottom:20px;
}
</style>

```

The JS Page

```
<script type="text/javascript"> alert("This is a simple
photo editor ")
alert("If there is any error \nPlease inform me...");var img, c, p, ctx, q;
img = document.getElementById("image"); c =
document.getElementById("myCanvas");ctx =
c.getContext("2d");
c.width = "300";
c.height = "260"; function
imgload2(){
    ctx.drawImage(im,0,0,300,260);
    q = ctx.getImageData(0,0,300,260); document.getElementById("modal").style.display="none";
    document.getElementById("inv").addEventListener("click",invert);
    document.getElementById("whiteblack").addEventListener("click");
    document.getElementById("rote").addEventListener("click",rote);
    document.getElementById("lightchange").addEventListener("click",);
    document.getElementById("clr").addEventListener("click",clear);
    document.getElementById("mirror").addEventListener("click",mirror);
    document.getElementById("coltrns").addEventListener("click",coltrns);
}

function whiteblack(){
    p = ctx.getImageData(0,0,300,260);
    for(i=0;i<(260*1200);i+=4){
        var g = (p.data[i]+p.data[i+1]+p.data[i+2])/3;p.data[i]= g;
        p.data[i+1]= g;
        p.data[i+2]= g
    }
    ctx.putImageData(p,0,0);
}

function clear(){ ctx.putImageData(q,0,0);
    c.style.transform="rotate(0deg)";
    c.style.mozTransform="rotate(0deg)";
    c.style.webkitTransform="rotate(0deg)";c.style.msTransform="rotate(0deg)";
}

function invert(){
    p = ctx.getImageData(0,0,300,260);
    for(i=0;i<(260*1200);i+=4){
        p.data[i]= 255-p.data[i]; p.data[i+1]= 255-
        p.data[i+1];
```

```

        p.data[i+2]= 255-p.data[i+2];
    }
    ctx.putImageData(p,0,0);
}

var rt=0; function
rote(){
    rt+=90;
    c.style.transform="rotate("+rt+"deg)";
    c.style.mozTransform="rotate("+rt+"deg)";
    c.style.webkitTransform="rotate("+rt+"deg)";
    c.style.msTransform="rotate("+rt+"deg)";
}

function rote2(){rt-
=90;
c.style.transform="rotate("+rt+"deg)";
c.style.mozTransform="rotate("+rt+"deg)";
c.style.webkitTransform="rotate("+rt+"deg)";
c.style.msTransform="rotate("+rt+"deg)";
}

function lightchange(){
    p = ctx.getImageData(0,0,300,260);
    for(i=0;i<(260*1200);i+=4){
        p.data[i]=(p.data[i]+p.data[i+1]+p.data[i+2])/3;
        p.data[i+1]=(p.data[i]+p.data[i+1]+p.data[i+2])/3;
        p.data[i+2]=(p.data[i]+p.data[i+1]+p.data[i+2])/3;
    }
    ctx.putImageData(p,0,0);
}

function mirror(){
    for(i=0;i<150;i++){
        var r1=ctx.getImageData(i,0,1,260);
        var r2=ctx.getImageData((300-i),0,1,260);
        ctx.putImageData(r1,(300-i),0);
        ctx.putImageData(r2,i,0);
    }
}

function coltrns(){
    var ct = ctx.getImageData(0,0,300,260);
    for(i=0;i<(1200*260);i+=4){
        if(ct.data[i]>200){
            ct.data[i]=0;
        }
    }
    ctx.putImageData(ct,0,0);
}

```



```

    }

    function transparent(){
        var tr = ctx.getImageData(0,0,300,260);
        for(i=0;i<(1200*260);i+=4){
            tr.data[i]=(tr.data[i-
8]+tr.data[i+4]+tr.data[i]+tr.data[i+4]+tr.data[i+8]+tr.data[i+12])/6;
            tr.data[i+1]=(tr.data[i-7]+tr.data[i-
3]+tr.data[i+1]+tr.data[i+5]+tr.data[i+9]+tr.data[i+13])/6;
            tr.data[i+2]=(tr.data[i-6]+tr.data[i-
2]+tr.data[i+2]+tr.data[i+6]+tr.data[i+10]+tr.data[i+14])/6;
        }

        ctx.putImageData(tr,0,0);

    }

    function addtxt(){ document.getElementById("txtMenu").style.display="block";
    }

    function handleFileSelect(evt)
    {
        var files = evt.target.files;
        for (var i = 0; f = files[i]; i++)
        {
            var reader = new FileReader(); reader.onload =
            (function(theFile)
            {
                return function(e)
                {
                    var span = document.createElement('span');
                    span.innerHTML = [''].join(""); document.getElementById('list').insertBefore(span,
                    null);
                };
            })(f);
            reader.readAsDataURL(f);
        }
    }

    document.getElementById('files').addEventListener('change',handleFileSelect, false);

    function menuOpen(i,j,k,l){
        var tk=document.getElementsByClassName("sbm");var
        mn=document.getElementsByClassName("men");
        tk[i].style.display="block"; tk[j].style.display="none";
    }

```

```

        tk[k].style.display="none";
        tk[l].style.display="none";
        mn[i].style.background="-webkit-linear-gradient(left,
#ec0040,#ec0040,#fd4d73,#fd4d73)";
        mn[j].style.background="-webkit-linear-gradient(left,#1c89f2,#1c89f2,#0269c5,#0269c5)";
        mn[k].style.background="-webkit-linear-gradient(left,#1c89f2,#1c89f2,#0269c5,#0269c5)";
        mn[l].style.background="-webkit-linear-gradient(left,#1c89f2,#1c89f2,#0269c5,#0269c5)";
    }

//add text
var txtmenu=document.getElementById("txtMenu");var
maindiv=document.getElementById("main");
var movebtn=document.getElementById("movebutton");
movebtn.style.width=(maindiv.offsetWidth-10)+"px";
movebtn.style.left=maindiv.offsetLeft+"px";
movebtn.style.top=document.getElementById("funcs").offsetTop+"px";
txtmenu.style.width=(maindiv.offsetWidth-5)+"px";
txtmenu.style.top=maindiv.offsetTop+"px"; txtmenu.style.left=maindiv.offsetLeft+"px";
txtmenu.style.top
var txtPreview=document.getElementById("txt-preview");
txtPreview.style.top=c.offsetTop+"px";
txtPreview.style.left=c.offsetLeft+"px";
var txtSize; var
txtColor;var fst;
var enterTxt=document.getElementById("enterTxt");function
previewTxt(){
var r,g,b; r=document.getElementById("red").value;
g=document.getElementById("green").value;
b=document.getElementById("blue").value;
txtColor="rgb("+r+", "+g+", "+b+)";
txtSize=document.getElementById("fs").value;
txtPreview.value=enterTxt.value;
txtPreview.style.fontSize=txtSize+"px";
txtPreview.style.color=txtColor;
txtPreview.style.visibility="visible";
}
var tp=txtPreview.offsetTop; var
lf=txtPreview.offsetLeft;function
moveDown(){
tp+=10;
txtPreview.style.top=tp+"px";
}
function moveTop(){

```

```

tp-=10;
txtPreview.style.top=tp+"px";
}
function moveLeft(){lf-
=10;
txtPreview.style.left=lf+"px";
}
function moveRight(){
lf+=10;
txtPreview.style.left=lf+"px";
}
function attachTxt(){
ctx.font="bold "+txtSize+"px Arial";
if(fst=="filltext"){ ctx.fillStyle=txtColor;
ctx.fillText(txtPreview.value,lf-c.offsetLeft,tp-c.offsetTop+txtSize*1);
}
else{ ctx.strokeStyle=txtColor;
ctx.strokeText(txtPreview.value,lf-c.offsetLeft,tp-c.offsetTop+txtSize*1);
}
txtPreview.style.visibility="hidden";
document.getElementById("movebutton").style.display="none";
}

function cancelTxt(){
txtPreview.style.visibility="hidden";
document.getElementById("movebutton").style.display="none";
}

var r,g,b,pv; function
prevw(){
r=document.getElementById("red").value; g=document.getElementById("green").value;
b=document.getElementById("blue").value; pv=document.getElementById("preview");
pv.style.background="rgb("+r+", "+g+", "+b+)";
document.getElementById("previewcolor").innerHTML="rgb("+r+", "+g+", "+b+)";
}

var fsize; function
fns(){
fsize=document.getElementById("fs").value; document.getElementById("font-size-prev-
text").innerHTML=fsize+"px";
}

function textsub(){
var radios = document.getElementsByName('selectstyle'); for (var i = 0, length
= radios.length; i < length; i++) {

```

```

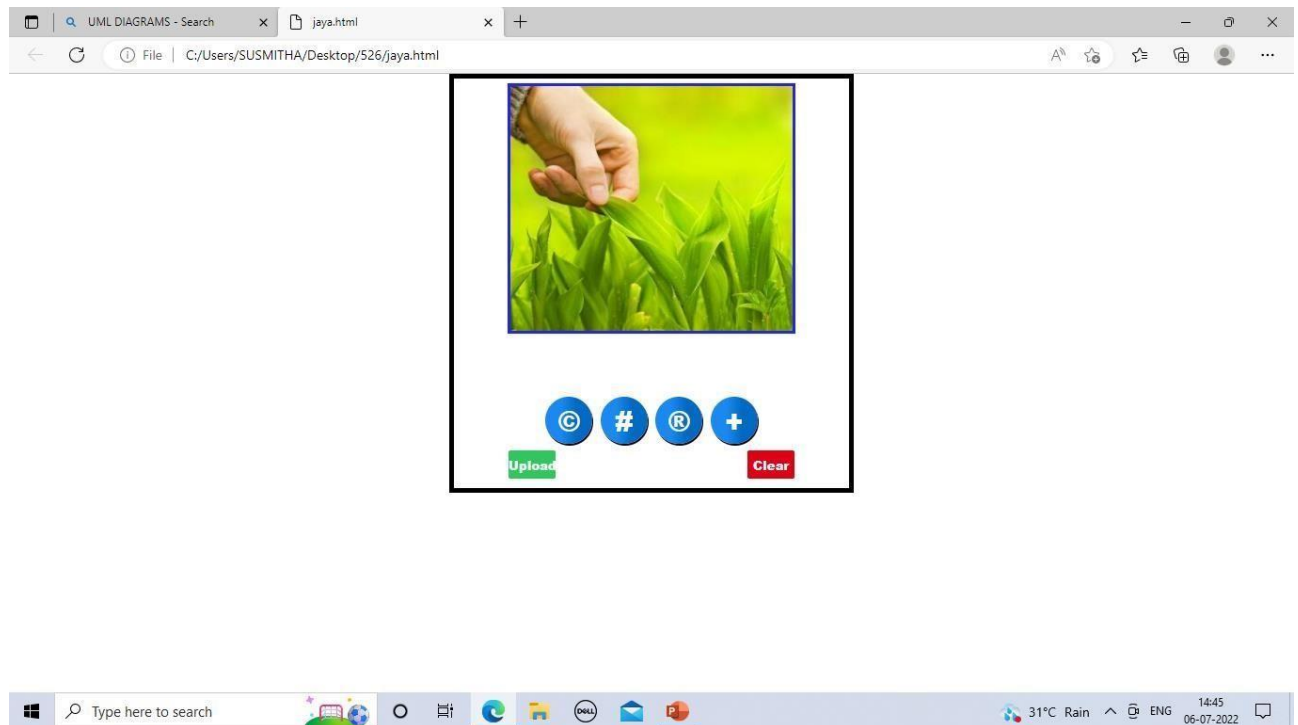
    if (radios[i].checked) {
        fst=radios[i].value;
        break;
    }
}
document.getElementById("txtMenu").style.display="none";
document.getElementById("movebutton").style.display="block";
txtPreview.style.visibility="visible";
}
function upld(){
    var modal=document.getElementById("modal");
    modal.style.display="block";
    modal.style.width=maindiv.offsetWidth+"px";
    modal.style.top=maindiv.offsetTop+"px";
    modal.style.left=maindiv.offsetLeft+"px";
    modal.style.height=maindiv.offsetHeight+"px";
}

function back(){
    document.getElementById("modal").style.display="none";
}

function go(){
    var uri=document.getElementById("uri").value;
    img.src=uri;
    ctx.drawImage(img,0,0,300,260);
    document.getElementById("modal").style.display="none";
}
</script>

```

OUTPUT:



Source code Link:

<https://github.com/jayavishnumadhiri>

LinkedIn:

https://www.linkedin.com/posts/jayavishnu-madhiri-471542237_registration-form-task-in-web-development-activity-6945708320225665024zzkv?utm_source=linkedin_share&utm_medium=android_app

Conclusion:

Photo editing web app and designing of webpages using HTML, CSS and Java Script. During the elaboration phase of sample project, designing, development, and implementation a functional architectural baseline then run the implementation and perform initial unit tests. and also update the project planning. It can be seen that the project meets all goals that were set for this phase and iteration.

13 Course completion Certificate in Codingexperthub pvt.ltd

