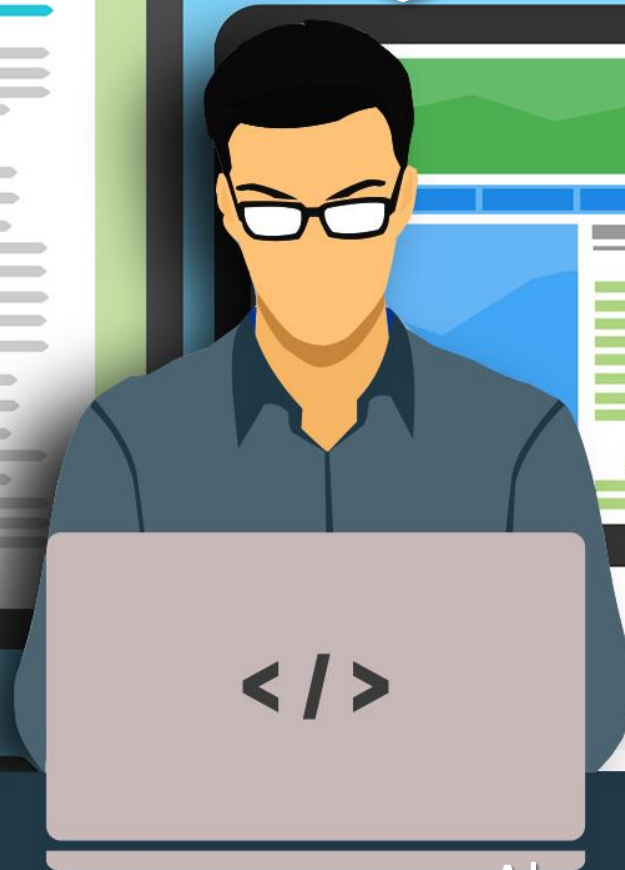


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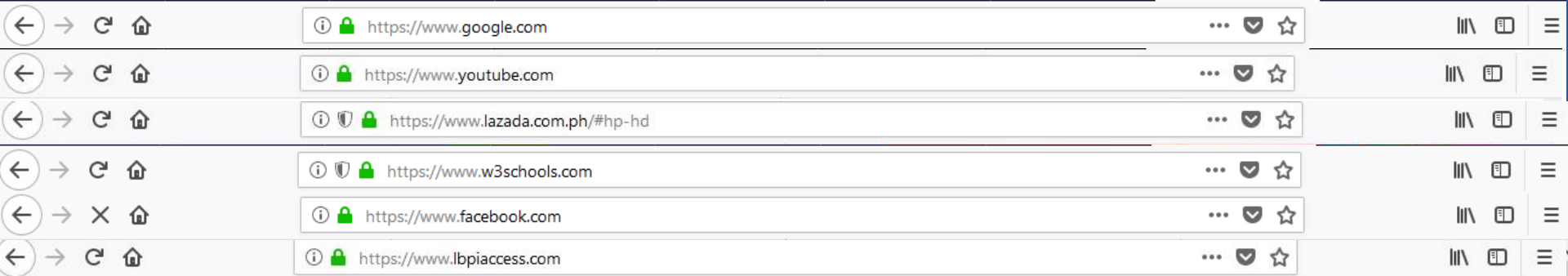


Module 1: Introduction to Web Development



[#]

<code>



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Do you need assistance?

Please call the LANDBANK Helpdesk at 405-7000 (1-800-10-405-7000 for domestic toll-free calls) or you may send us your e-mail message at customer@landbank.com

TO OUR VALUED CLIENTS

Advisory on EMV chip-enabled Debit Cards

LANDBANK will soon issue **EMV chip-enabled debit cards** for **LANDBANK eCard, Visa Debit, and ATM Cards.**

Until then, you may still use your existing magnetic stripe debit cards when making transactions. Meanwhile, please update your contact details and other pertinent information with your branch of account.

Thank you for banking with us.

LANDBANK MOBILOCK

Protect your account from unauthorized withdrawal with **Mobilock.**

Mobilock is a lock and unlock account safety feature which you can access through the **LANDBANK Mobile Banking App.**

You first need to enroll! in LANDBANK iAccess and download the



What is PHISHING and SPOOFING ?

Phishing

Fraudsters get your personal information through legitimate-looking email and use it to illegally access your account.

Spoofing

Fraudsters fool you to click a link to a website that looks legitimate to get your account details.

Be cautious of email that ...

- Have a generic greeting, misspelling or bad grammar
- Link you to another website (Possibly spoof or fake website)
- Do not give you full contact details of the sender
- Ask for your personal information such as username, password, account number, card number, CVV code, PIN, (Banks would not request these details through email)
- Are unexpected or not typically received

Don't take the bait

Input your iAccess ID and Password

iAccess ID :

Password :

Important

*Password is case sensitive.
 *For your security, you have a limited number of attempts to supply the correct information.
 *Do not forget to logout iAccess once you completed your transaction.

[Forgot your Password?](#)

Upon logon, I hereby agree to its [Terms and Conditions.](#)

Click [here](#) to download enrollment form.

ABOUT SSL CERTIFICATES



Webpage

Vs



Website

Web Page



- A *Web Page* is a *document* commonly written in *HTML* that is accessible through the internet or other network using a web browser.

Website



- A *Website* is a *collection of related web pages*, including multimedia content, typically identified with a common domain name, and published on at least one web server.

Web Pages



website

Types of Websites

According to Category and Purpose



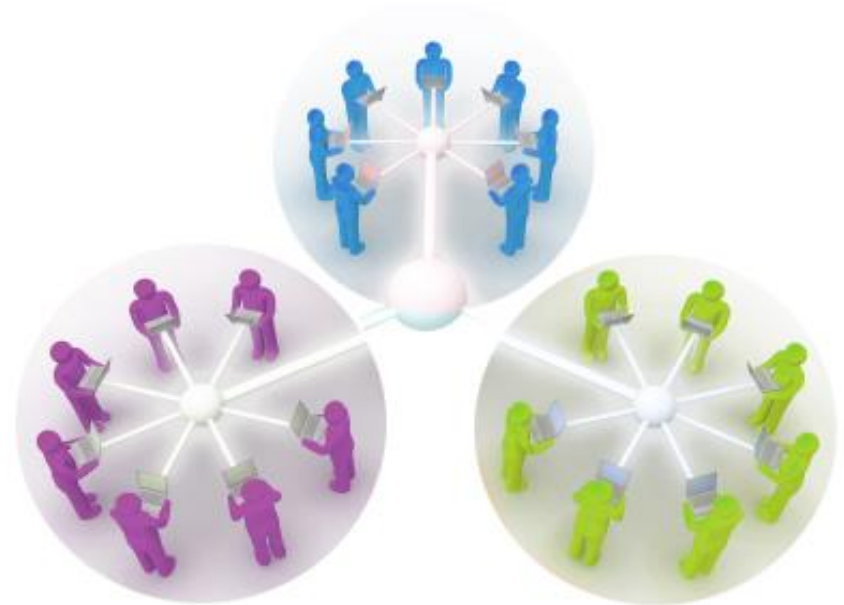
Category and Purpose



Internet Website



Intranet Website



Extranet Website

Internet Website



- *Internet websites* are publicly available to anyone with internet connection.
- They target general public or a specific global audience.
- They are primarily used for marketing, information dissemination, e-commerce and interaction within each other.
- Some examples are news websites, social media platforms, e-commerce sites, and information blogs.

Intranet Website



- *Intranet websites* are limited to an organization's internal network.
- *Intended for employees and internal stakeholders of a specific organization.*
- *Facilitates internal communication, collaboration, document sharing, and access to company-specific resources.*
- *Some examples are employee portals and document management systems.*

Extranet Website



- *Extranet websites* are websites that extend beyond internal network but involves restricted access.
- *Intended for both internal and external users, such as partners, clients, or suppliers.*
- *Enables secure collaboration and information sharing between an organization, and its stakeholders.*
- *Some examples are client portals, supplier collaboration platforms, joint project management sites shared between different organizations.*

Types of Internet Websites



Personal Websites

MATERIAL

ABOUT ME RESUME PORTFOLIO TEAM TESTIMONIAL BLOG CONTACT 🔍 ☰

HI! I'M JOHN DOE

LX/UI DESIGNER FROM DHAKA, BANGLADESH


HOME

MY STORY

Hello, I'm a UI/UX Designer & Front End Developer from Victoria, Australia. I hold a master degree of Web Design from the World University.

And scrambled it to make a type specimen book. It has survived not only five centuries

📄 DOWNLOAD RESUME



PERSONAL INFORMATION

Name : John Doe

Age : 25 Years

Phone : +0123456789

Email : email@domain.com

Address : Dhaka, Bangladesh

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Photo Sharing Websites



A screenshot of the Flickr website interface. The top navigation bar includes "flickr", "You", "Explore", "Create", "Upload", and a search bar. Below the navigation bar are tabs for "Camera Roll", "Photostream", "Albums", "Favorites", "Groups", "Creations", and "Stats". The main content area shows a grid of photos, with filters for "landscape: snow", "landscape: sunset", and "landscape: water". A sidebar on the left lists various categories like "Animal", "Architecture", "Food", "Landscape", "People", etc. The bottom right corner has links for "Install Uploadr" and "Feedback".



Writers or Authors Websites

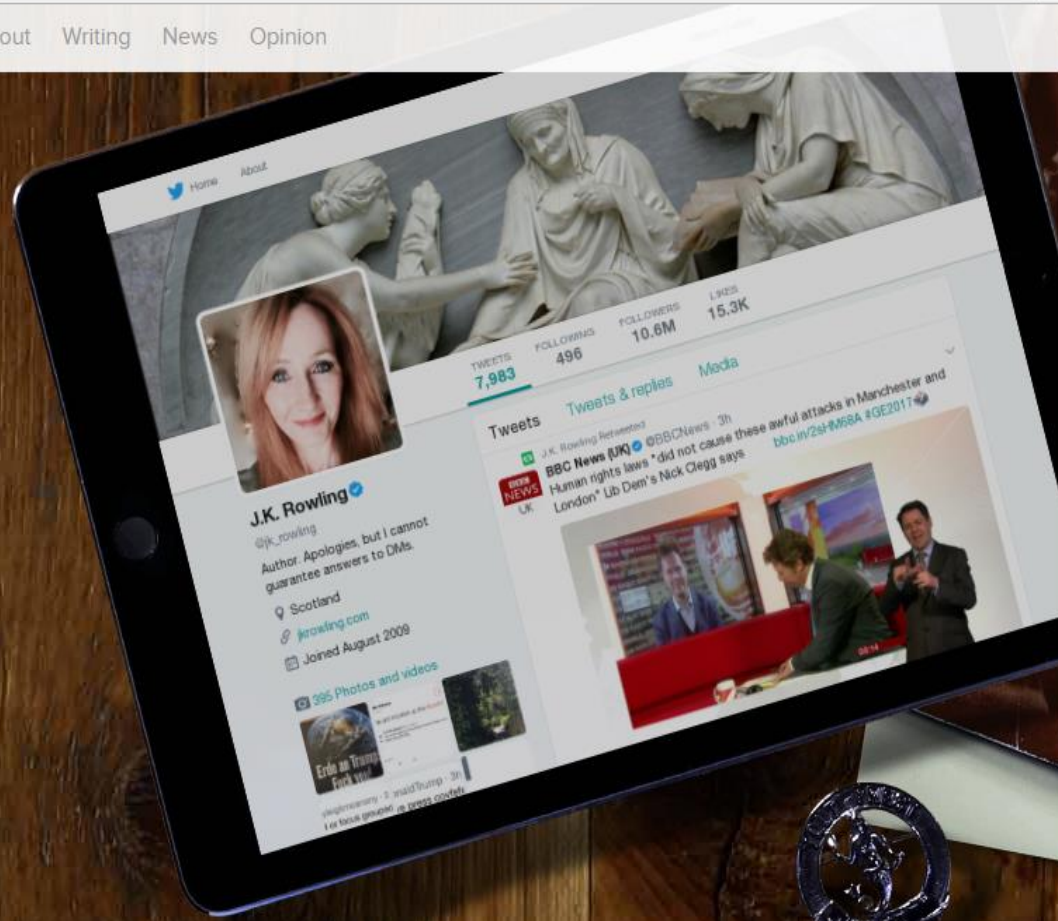


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NEWS

New Cursed Child cast portraits revealed

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Community Building Websites

facebook

Email or Phone

Password

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Facebook helps you connect and share with the people in your life.



Create an account

It's free and always will be.

First name

Surname

Email or mobile number

Re-enter email or mobile number

New password

Birthday

Day ▼

Month ▼

Year ▼

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twitter

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Barack Obama

From Wikipedia, the free encyclopedia
(Redirected from Barack obama)

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"Barack" and "Obama" redirect here. For other uses, see Barack (disambiguation) and Obama (disambiguation).


Barack Hussein Obama II (pronounced /bəˈrɑːk huːˈseɪn oʊˈbaɪmə/; born August 4, 1961) is the 44th and current President of the United States. He is the first African American to hold the office. Obama was the junior United States Senator from Illinois from January 2005 until November 2008, when he resigned following his election to the presidency.

Obama is a graduate of Columbia University and Harvard Law School, where he was the first African American president of the *Harvard Law Review*. He worked as a community organizer in Chicago prior to earning his law degree, and practiced as a civil rights attorney in Chicago before serving three terms in the Illinois Senate from 1997 to 2004. He also taught constitutional law at the University of Chicago Law School from 1992 to 2004.

Following an unsuccessful bid for a seat in the U.S. House of Representatives in 2000, Obama was elected to the United States Senate in November 2004. Obama delivered the keynote address at the Democratic National Convention in July 2004. During his tenure as Senator, he served on several committees, including the Foreign Relations, Environment and Public Works, Veterans' Affairs, Health, Education, Labor and Pensions and Homeland Security and Governmental Affairs.

After a particularly close campaign in the 2008 Democratic Party presidential primary against rival Hillary Rodham Clinton, he won his party's nomination as a candidate for president, becoming the first major African American candidate for president. In the 2008 general election, he defeated Republican candidate John McCain and was sworn in as president on January 20, 2009.

Barack Obama



navigation

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- Contents
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3



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| HIGHLIGHTS | SHOP BY BRANDS <small>NEW</small> | SHOP CATEGORIES | TOY KINGDOM | Enter phone number to get the app |
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DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT

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School or University Websites

neust.edu.ph/index.php



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Day 1 | March 2, 2017

Doña Asuncion G. Romulo Memorial Hall

- 8:00 am - Thanksgiving Mass
- 9:00 am - Ulat ng Pangulo
- 11:00 am - Launching of the new
Vision and Mission Statements
- 1:00 pm to 5:00 pm - Symposium on NEUST
Core Values
- Laro ng Lahi

Day 2 | March 3, 2017

Doña Asuncion G. Romulo Memorial Hall

- **Float Parade** - 6:00 am
from Sumacab Campus to General Tinio St.
- **Open House/Exhibit** - 8:00 am to 5:00 pm
- **Blood Letting** - 8:00 am to 12:00 nn

• **Paikilala sa Matapat na Paglilingkod** - 2:00 pm



*The Internet and
the World Wide
Web (WWW)*



Internet and World Wide Web



*Many people use the terms **Internet** and **World Wide Web** interchangeably, but in fact, the two terms are not synonymous. **The Internet and the Web** are two separated but related things.*

What is the Internet?



- The **Internet** is a massive network of networks, a networking infrastructure. It connects millions of computers together globally, forming a network in which any computer can communicate with other computers as long as they are both connected to the Internet. Information can travel via the internet via a variety of languages called **Protocols**.

What is the World Wide Web?



- *The **World Wide Web** or simply **Web**, is a way of accessing information over the medium of the internet. It is an information-sharing model that is built on top of the internet. The Web uses the **HTTP protocol**, only one of the languages spoken over the internet, to transmit data.*
- *Web services, which use HTTP allow applications to communicate in order to exchange business logic and use the web to share information.*

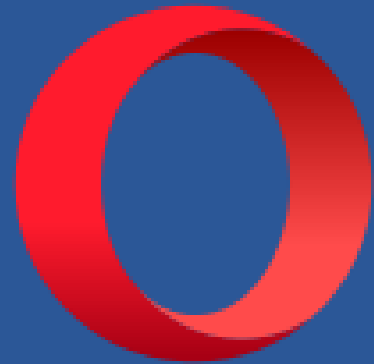
Web Browsers



- A **Web Browser** or simply **Browser** is a software application **used to locate, retrieve and display content on the World Wide Web**, including web pages, images, videos and other files.
- As a client/server model, **the browser is the client** that runs on a computer and contacts the web server to **request for information**. **The web server sends the information back** to the browser which displays the results on the computer or other internet enabled device that supports a browser.

Popular Web Browsers

- *Mozilla Firefox*
- *Google Chrome*
- *Opera Browser*
- *Microsoft Edge*
- *Safari Browser*
- *Maxthon Browser*



Uniform Resource Locator



- A *Uniform Resource Locator (URL)* or sometimes termed as *Web Address*, is reference to a web resource that specifies its location on a computer network or the internet.
- These URLs or URIs (Uniform Resource Identifiers) are transferred to web servers for request to specific web documents or HTML pages.

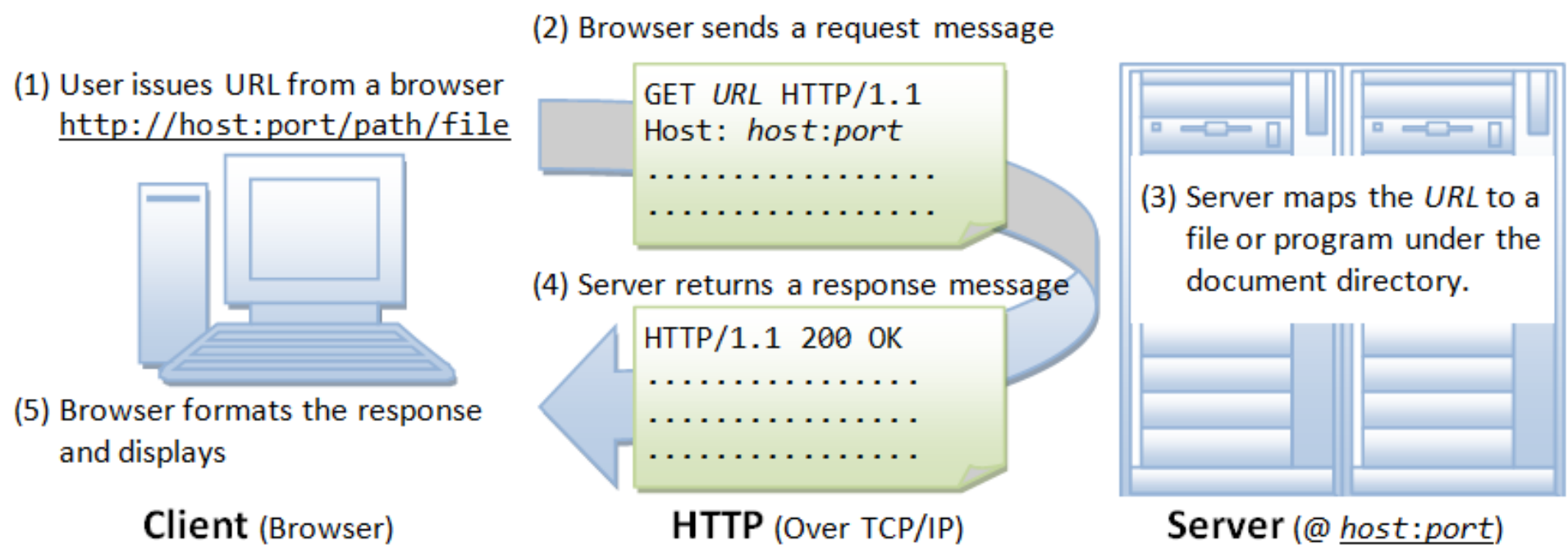
Domain Extensions

- *.com – Commercial Site*
- *.gov – Government Site*
- *.edu – Educational Institution Site*
- *.net – Network Site*
- *.org – Organizational Site*
- *.biz – Business Site*
- *.mil – Military Site*

Web Servers



- **Web Servers** are computers that delivers (serves up) web pages. Every web server has an IP address and possibly a domain name. Any computer can be turned into a web server by installing server software and connecting the machine to the internet.





Internet Service Providers

- An ***Internet Service Provider (ISP)*** is a company that provides customers with internet access. Data maybe transmitted using several technologies like DSL, cable modem, wireless, fiber optics or other dedicated high speed interconnects.

*Web
Development Life
Cycle*



Web Development Life Cycle

- *The **Web Development Life Cycle** is a systematic process that web developers follow to create a website or web application. It consists of several phases, each with its own set of activities and goals.*
- *The phases are as follows: Planning, Analysis, Design, Development, Testing, Implementation and Maintenance.*

Planning

- **Objective:** *Define the purpose, goals, and scope of the project.*
- **Activities:**
 - *Identify project stakeholders and their requirements.*
 - *Define project timelines and milestones.*
 - *Develop a budget and allocate resources.*
 - *Conduct a feasibility study.*

Analysis

- **Objective:** *Understand and document the detailed requirements of the project.*
- **Activities:**
 - *Gather information about user needs and expectations.*
 - *Create user personas and use cases.*
 - *Analyze the existing systems (if any) and determine the necessary features and functionalities for the new system.*

Design

- **Objective:** *Create a blueprint for the web application based on the gathered requirements.*
- **Activities:**
 - *Design the user interface (UI) and user experience (UX).*
 - *Create wireframes and prototypes.*
 - *Define the system architecture and database structure.*
 - *Plan for security measures.*

Development

- **Objective:** *Transform the design into actual code and build the functional web application.*
- **Activities:**
 - *Write code using programming languages and frameworks.*
 - *Develop the database and integrate it with the application.*
 - *Implement the designed UI/UX.*

Testing

- **Objective:** *Ensure the quality and functionality*
- **Activities:**
 - *Perform unit testing to check individual components.*
 - *Conduct integration testing to verify interactions between components.*
 - *Carry out system testing to evaluate the entire application.*
 - *Perform user acceptance testing (UAT) with stakeholders.*

Implementation

- **Objective:** *Deploy the web application to the production environment*
- **Activities:**
 - *Set up hosting and configure servers.*
 - *Transfer the codebase and database to the production environment.*
 - *Monitor and address any issues during the deployment process.*

Maintenance

- **Objective:** *Sustain and improve the web application over time.*
- **Activities:**
 - *Provide ongoing support and troubleshooting.*
 - *Make updates and enhancements based on user feedback.*
 - *Monitor performance and security.*
 - *Address bugs and apply patches as needed.*

*Web
Development
Languages*





Hypertext Markup Language

- *Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications.*



Cascading Style Sheets

- ***Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language like HTML.*

How can we apply CSS to a Web Page?

- *Inline CSS*
- *Internal CSS*
- *External CSS*
- *CSS Frameworks*





Inline CSS

- *Inline CSS* is used for applying style to a particular HTML Tag.
- The *style* attribute is used to style a particular HTML Tag.
- Least recommended styling method because of the difficulty it brings in managing larger websites.
- Useful for testing and previewing changes

Internal CSS



- *Internal CSS* code is put in the `<head>` section of a particular web page.
- *Classes* and *IDs* can be used to refer to the CSS code
- Style will be effective for the whole web page.
- Internal CSS is put in between `<style>` `</style>` tags.

External CSS



- **External CSS** is the most convenient way to add CSS to a website.
- Only a single CSS file will be edited and all web pages will be updated.
- Provides smaller web page sizes and cleaner structure

CSS Framework



- A **CSS Framework** is a pre-prepared software framework that is meant to allow for easier, more standards-compliant web design using the Cascading Style Sheets Language.

W3.CSS



- **W3.CSS** is a free modern CSS framework with built-in responsiveness.
- Smaller and faster than any other CSS Frameworks
- Speeds up and simplifies web development

*Tools Needed for
Creating Web
Pages*



Text / Source Code Editor



- A **Text Editor** is a type of computer program that edits plain text. **Microsoft Notepad** is readily available in all devices running Windows Operating Systems.
- A **Source Code Editor** is a text editor program designed specifically for editing source code of computer programs by programmers. **Sublime Text** and **Notepad++** are some of the top source code editors available for web development.

End of Discussion







thank you!