INTRO TO WEB DEVELOPMENT

* WHAT IS WEB DEVELOPMENT ?
* WHAT IS A WEBSITE ?
* PART OF WEBSITE ?
* WHO IS A DEVELOPER?
* TYPES OF DEVELOPER?
* WAYS TO BUILD A WEBSITE?

WEB DEVELOPMENT is the process of building and maintaining web applications , or website

A WEBSITE is a collection of related pages accessible on the internet, that contains information products and services

PARTS OF A WEBSITE

* Front end : client side, also referred to as user interface , this is the part of a website the user sees and interacts with
* Back end: referred to as server side, this is a part of a website that is not visible to the users, this is the engine room of a website that processes data, requests and sends back a response
* Database: a container used to store or hold data, and allows you to query the data.

Html used to build the basic structure of a website.

Css is used for styling and beauty to your html.

Javascript is a language used to add functionality to a website.

Database just holds data, and allows for query .

WHO IS A DEVELOPER?

A developer is a skilled personal that utilizes technology stack to build and maintain a website or web application

TYPES OF DEVELOPERS

1. Front-end developers

This is a person who builds user interfaces

1. Back end developers

This is a personnel who builds backend applications

1. Full stack developers

This is a personnel who can build food both front and back end

1. Mobile app developer: a personnel who builds mobile applications , swift(ios) and kotlin(windows), for both JS-REACT NATIVE, DART-FLUTTER,

WAYS TO BUILD A WEBSITE

* non-technical

Involves the use of a content management system , cms, eg word press, webflow, shopify , wix

We don't need to write any code

* technical

Hard coding your website from scratch using html, css, and javascript .

HTML

Html is short for hypertext markup language, used to build the basic structure of a webpage, its built using tags

Html elements are defined in between tags

Types of tags

* Paired tags : comes in twos
* Un paired tags : these tags do not require a closing tags ex; <img>, <br>,<link>.