

“A SOCIAL MEDIA WEBSITE”

Social Media platforms are becoming popular day by day in this new technical era. These platforms have millions of users. Among the most popular platforms are Facebook, Instagram, Twitter, WhatsApp etc.

My Project – Chatvibe is also a social media platform where User can create account with username, email and password as their credentials, can create their profile page that contains their username, email, followers, followings where we can share our photos, videos with our friends and connects with them through chats, calls etc.

Software Requirement

VISUAL STUDIO:

Microsoft Visual Studio [1] is an integrated development atmosphere (IDE) from Microsoft. It was used to develop laptop and pc programs, moreover as websites, net services, web apps, and mobile apps. Visual Studio uses Microsoft code development platforms like Windows Forms, API, Presentation Foundation, Windows Store and Microsoft Silverlight. It can produce both managed as well as native code.

It supports 30+ totally different programming languages and permits the code editor, extensions and program to support (to varied degrees) nearly any programming language, provided a language-specific service exists. Built-in languages include JavaScript, CSS, HTML and etc. The foremost basic edition of Visual Studio is accessible free from charge.

Language and Framework Requirements

HTML:

Hypertext Markup Language (HTML) [2] is the standard markup language for documents designed to be displayed in a web browser.

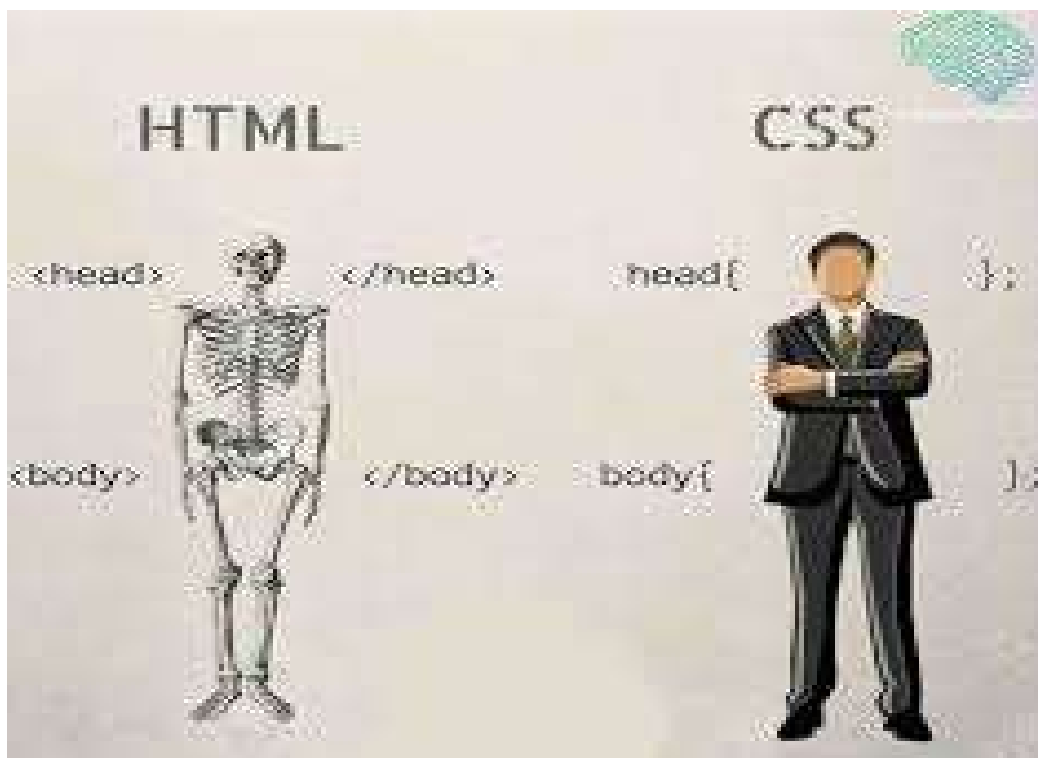
With Cascading style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the arena wide net. Web Browsers obtain HTML documents from an internet server or from local storage and render the documents into multimedia internet pages. HTML describes the structure of a web 14 page semantically and originally included cues for the arrival of the document. HTML elements are the

constructing blocks of HTML pages. With HTML constructs, photos and other gadgets such as interactive forms can be embedded into the rendered web page. HTML offers a method to create structured files via denoting structural semantics for text which includes headings, paragraphs, lists, links, charges and different items. HTML elements are delineated by tags, written the usage of angle brackets. Tags including and at once introduce content into the web page. Different tags inclusive of surround and offer statistics about report text and can include other tags as sub-elements. Browsers do no longer show the HTML tags, however use them to interpret the content material of the page.

CSS (Cascading Style Sheets):

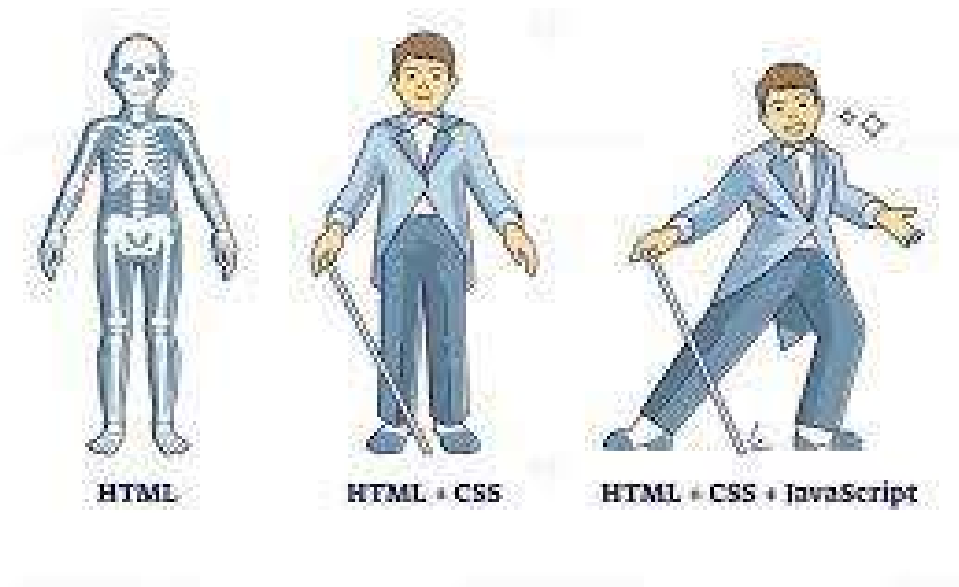
Cascading style Sheets [2], fondly called CSS, is a easy design language meant to simplify the manner of creating internet pages presentable. CSS handles the appearance and sense part of an internet web page. the use of CSS, you can manage the color of the text, the fashion of fonts, the spacing between paragraphs, how columns are sized and laid out, what background pictures or colorings are used, format designs, versions in show for distinctive gadgets and display sizes in addition to a spread of other consequences.

CSS is easy to study and apprehend but it affords powerful manipulate over the presentation of an HTML document. most generally, CSS is blended with the markup languages HTML or XHTML.



JAVA SCRIPT (JS):

JavaScript, frequently abbreviated as JS [2], is a high-level, interpreted programming language that conforms to the ECMAScript specification. it is a programming 16 language that is characterized as dynamic, weakly typed, prototype-based and multi-paradigm. alongside HTML and CSS, JavaScript is one of the core technologies of the sector wide web. JavaScript enables interactive internet pages and is a critical a part of net programs. The extensive majority of websites use it, and most important web browsers have a devoted JavaScript engine to execute it.



REACT JS:

ReactJS [4] is JavaScript library used for building and constructing reusable UI components. In line with React official documentation, following is the definition - It encourages the introduction of reusable UI additives, which present facts that changes over time. Plenty of people use React as the V in MVC. React abstracts away the DOM from you, imparting a simpler programming version and better performance.

React can also render at the server the usage of Node, and it may power local apps the usage of React local. React implements one-way reactive information flow, which reduces the boilerplate and is simpler to motive about than conventional data binding.

It also requires languages like MongoDB, Nodejs in backend.

How it works (use case diagram)

