

Profile Building // Assignment - 2

Question:- What is the difference between UI and UX?

Answer:- UI design refers to the visual and interactive elements of a product, such as buttons, icons, layout, and typography. It's the process of making sure that the product's interface is visually appealing, easy to use, and intuitive. The goal of UI is to create a seamless and enjoyable experience for the user by making the interface easy to understand and navigate.

UX design, on the other hand, is the process of designing products, systems, or services to improve the overall user experience. The goal of UX design is to create a positive and efficient experience for the user by understanding their needs, motivations, and behaviour. It involves research, analysis, prototyping, and testing to validate and improve the design. UX design also includes aspects such as accessibility, usability, and user satisfaction.

In short, UI is about how a product looks and feels, while UX is about how it works and how users interact with it. Both UI and UX work together to create a cohesive and enjoyable experience for the user.

Question:- Who is a front-end developer?

Answer:- A front-end developer is a software developer who specialises in the development of the client-side of web applications. They are responsible for the design and implementation of the user interface and the user experience. They use languages such as HTML, CSS, and JavaScript to create the visual and interactive elements of a website or application.

Front-end developers also need to be familiar with web design principles, user experience design, and accessibility standards. They should have a good understanding of web development best practices, and be able to test, debug and optimize the performance of their code.

In summary, front-end developers are responsible for the visual and interactive elements of a website, creating the interface that users interact with, and making sure that the website or application is accessible and user-friendly.

Question:- Who is a backend developer?

Answer:- A back-end developer is a software developer who specialises in the development of the server-side of web applications. They are responsible for the server-side logic, database management, and API (Application Programming Interface) development. They use programming languages such as PHP, Ruby, Python, and Java to create the server-side logic and interact with databases.

Back-end developers also need to be familiar with web development best practices, and be able to test, debug and optimise the performance of their code. They also need to have a good understanding of databases, data structures, and algorithms, as well as security and scalability best practices.

In summary, back-end developers are responsible for the server-side logic, database management and API development, allowing the client side of the application to communicate with the server, and make sure that the application is scalable, secure and efficient.

Question:- GitHub & LinkedIn accounts URL?

Answer:- [GitHub](#) [LinkedIn](#)

Question:- Write your first blog on your favourite platform and share the link to the blog.

Answer:- <https://mohitverma-1674237730357.hashnode.dev/internet-and-web-browser>