DAY5(MVC)

LinkedIn article about server-side validation Vs Client-side Validation

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What is client-side validation?

client-side validation is the process of **verifying the input and output** of your web application on the **browser**, using **JavaScript** .
client-side validation can provide immediate **feedback** to the user , and **reduce** the load on the server. **However, client-side validation is not secure**.
client-side validation can only validate data that is **visible** to the user. This means that some data, such as **hidden** expressions cannot be validated.

What is server-side validation?

server-side validation is the process of **verifying the input and output** of your web application on the **server**, using **server-side languages**.
Since **server-side validation** occurs on the server, it is less vulnerable to tampering.
server-side validation can validate all data, including data that is hidden or encrypted.

client-side validation VS server-side validation

client-side validation is like checking your homework on your own, before submitting it to the teacher. You use a **formula** to make sure your answers are **correct** and **complete**, and you get **feedback** if you make a mistake. However, client-side validation is not secure.
server-side validation is like asking the teacher to **check** your homework, after submitting it to them. This can help you protect your homework, avoid cheating.

•**Both client-side and server-side validation have their pros and cons. It's best to use both together to make the app more secure and easier for users**.

what's the Difference between Multiple page application and single page application?

Single page applications work within a single browser session and allow users to jump between parts of the system without requiring the entire page to reload. Like (React , Angular) Use components and switch these components in single page.

Multiple page application require a new page to be loaded every time the user interacts with the application.