WEEK 3 Module 11

Server-Side Rendering with Express

Creating the server

Server-side rendering allows developers to pre-populate a web page with custom user data directly on the server. It is generally faster to make all the requests within a server than making extra browser-to-server round-trips for them. This is what developers used to do before client-side rendering.

Advantages of using server-side rendering

- It enables pages to load faster which provides a better user experience.
- It plays an important role in SEO (search engine optimization) and correctly indexes webpages. This happens because Google favors web pages with faster load time.
- It provides body to the HTML pages for all server ships.
- It assists with loading the page when the user has a slow internet connection.
- It assists in loading the page when the user has an outdated device.

View Engines and EJS

A view engine (also called template engine) is responsible for converting the server-side template into HTML markup and rendering it to the browser. A template engine enables you to use static template files in your application. At runtime, the template engine replaces variables in a template file with actual values, and transforms the template into an HTML file sent to the client. This approach makes it easier to design an HTML page.

EJS – Effective JavaScript Templating is a simple templating language that lets you generate HTML markup with plain JavaScript.

https://ejs.co/

How to Make use of EJS

 We will cover all you need to know about making use of EJS in this module but for more information, be sure to visit

https://www.digitalocean.com/community/tutorials/how-to-use-ejs-to-template-your-node-application