

## NVCK training 5 \_ 2 - Template engine - server side rendering

Tuesday, December 28, 2021 4:30 PM

Ở bài trước chúng ta dừng lại ở phần demo template engine ejs

Cài đặt ejs

Npm install --save ejs

Server rendering

The screenshot shows a VS Code editor with a project named 'TMP'. The Explorer sidebar on the left shows the file structure: 'node\_modules', 'private', 'public', 'views', 'index.html', 'app.js', 'package-lock.json', and 'package.json'. The main editor area displays the code for 'app.js'. The code sets up an Express application with EJS as the template engine. It includes a route for the root path '/' that sends 'Hello World!' and another route for '/server\_rendering\_with\_template\_engine' that renders the 'index' template with a title 'Hey', a message 'Hello there!', and an array of stories. The stories array contains two objects: one for 'nha\_nang\_o\_canh\_nha\_toi' and another for 'tuyen\_tap\_jack\_london'.

```
JS app.js > ...
1  const express = require('express')
2  var ejs = require('ejs')
3
4
5  const app = express()
6  const port = 3000
7
8  app.use(express.static('public'))
9  app.set('views', './views')
10 app.set('view engine', 'html');
11 app.engine('html', ejs.renderFile)
12
13 app.get('/', (req, res) => {
14   res.send('Hello World!')
15 })
16
17 app.get('/server_rendering_with_template_engine', function (req, res) {
18   res.render('index', { title: 'Hey', message: 'Hello there!',
19     stories: [
20       {
21         id: "nha_nang_o_canh_nha_toi",
22         name: "Nhà nàng ở cạnh nhà tôi"
23       },
24       {
25         id: "tuyen_tap_jack_london",
26         name: "Tuyển tập Jack London"
27       }
28     ]
29   })
30 })
```

Template file

EXPLORER

... JS app.js index.html views X package-lock.json a.txt c.txt index.html public

✓ TMP

- > node\_modules
- > private
- > public
- ▼ views
  - <> index.html
- JS app.js
- package-lock.json
- package.json

views > <> index.html > html > body > div > div > ul > ? > li

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10
11   <h1><%= title %> <strong><%= message %></strong> </h1>
12
13
14   <div>
15     <h2>Danh sách truyện</h2>
16     <div>
17       <ul>
18         <% stories.forEach(function(story){ %>
19           <li><a href="/story/<%= story.id %>"><%= story.name %></a> </li>
20         <% }); %>
21       </ul>
22     </div>
23   </div>
24 </body>
25 </html>
```