**Marat Nikitin, CPRG 210 - Web Application Concepts, Day 8-13 Node.js – Comments on Daily Exercises Completion, November 2021**

Assignments 1-3 are done in the “sait-express” folder, whereas Assignments 4-6 are done in the “sait-ejs” folder, where for Assignments 4-5 “index-ejs.js” file is used and for Assignment 6 “index-ejs-mysql-insert.js” file is implemented.

**Assignment 1.** All the required pages are created and customized using CSS. They are placed in the “sait-express/views” folder: “about.html”, “contact.html”, “index.html” (4 variations of a homepage with different indices in their HTML <titles> to differentiate them), “page404.html”, “register.html”.

**Assignment 2.** Nodemon was installed in each folder. A module returning a random greeting using JavaScript (these scripts are placed inside the <body> part of HTML) was installed in each of the four “index?.html” files. A randomly selected greeting is displayed at the top part of a page below the “Welcome To Travel Experts!” greeting. A random file is chosen as a homepage using JavaScript placed in the index.js file. Random greeting and homepage selections differ significantly from the versions we did in a lesson (I tried to follow the assignment’s instructions) - it was a challenge for me.

**Assignment 3.** The first two assignments were done using the Express App, so it means that the third assignment (“Rewrite your current informational website using Express”) was done as well.

**Assignment 4**. The informational website was rewritten using ejs templates. For this, I created “index-ejs.js” file in the “sait-ejs” folder. The main page is generated using separate “header.ejs” & “footer.ejs” files’ contents inserted into the “index.ejs” file. Random greetings are generated using inline JavaScript in the “index.ejs” file (it’s a legacy of Assignment 2). The current date & time are inserted in the “index.ejs” and are displayed above the navigation panel at the top right part of the main page at localhost:8000. The registration page (a.k.a. contact form) is accessed from the navigation panel. Once all the information required in the form is successfully submitted, the submitted information is displayed (console.log) in the Node.js Command Prompt, and a customized thank you page is displayed to a user.

**Assignment 5.** MySQL “travelexperts” database was used. The “index-ejs.js” & “index-mysql.ejs” files were implemented to display information about packages as a table on a separate page (<http://localhost:8000/getpackages> or available from the navigation bar of the main page) with customized table headers and extensive CSS use:

Text

Description automatically generated

**Assignment 6**. A separate “index-ejs-mysql-insert.js” file was created & used for Assignment 6 (i.e. for inserting values into MySQL “travelexperts” database using the registration form) exclusively. It was done to avoid conflicts between Assignments 4 and 6, where the same registration form is used for different purposes (console.log form data in Assignment 4 vs. insert data into the database in Assignment 6). I made sure that submitted information was entered into the database and displayed (console.log) in the Node.js Command Prompt as well.