



Advanced Web Programming

Ung Văn Giàu
Email: giau.ung@eiu.edu.vn

A photograph of a white ceramic cup and saucer filled with tea, resting on a light-colored wooden desk. A small tea bag with a cartoon character is visible in the cup. To the left, a portion of a silver laptop is seen. In the background, there's a dark green mug and some colorful, blurred lights, possibly from a Christmas tree, creating a bokeh effect.

Lab 3

Assignment 1

1. Complete the **Product Category Management** and “Add New Product Category” pages in the React TypeScript project.
2. Create **mock (simulated) functions** that return:
 - Category details (Category: id, categoryName, description, createdAt, createdBy)
 - Category list
 - A product list (Product: id, title, thumbnail, price, summary, description, stock, categoryId)
 - A news list (Blog: id, title, content, thumbnail, publishedDate, createdBy)
3. Retrieve data from these functions and display it on the following pages:
 - Home Page
 - Product Category Page
 - Category Management Page

Assignment 2

1. Use useReducer to build a **To-do List** web application

Reference HTML code:

https://www.w3schools.com/howto/howto_js_todolist.asp