As part of this project, we followed a clear and consistent set of coding conventions to keep the codebase organized, readable, and maintainable. One of the primary conventions was **file separation by type and purpose**. All PHP scripts were stored in the **phpFiles** folder, HTML pages in **htmlFiles**, JSON data files in **Data**, images in **foto**, and stylesheets in **cssFiles**. This structure ensured clarity in navigating the project and locating specific resources.

Another important convention was the use of **consistent naming and access patterns** for JSON files. For instance, when reading data, the following structure was always used:

|  |
| --- |
| **// Reading the JSON file data to find the user that matches the input**  **$json\_file = '../Data/users.json';**  **$json\_data = file\_get\_contents($json\_file);**  **$dec\_data = json\_decode($json\_data, true);** |

Likewise, when updating the file, the same structured approach was maintained:

|  |
| --- |
| // Encoding and saving the updated data back to the JSON file  $json\_en = json\_encode($dec\_data, JSON\_PRETTY\_PRINT);  file\_put\_contents($json\_file, $json\_en); |

By **breaking these processes into clear steps** rather than compressing them into a single line, the code remains easy to read and debug. These conventions ensured the entire team could work cohesively, with minimal miscommunication and maximum code clarity.