

Folder Structure for Website Optimization

Assets

This folder contains all the static assets required for the front-end, such as images, fonts, icons, and videos.

Styles

This folder includes all the CSS or SCSS files used for styling the front-end components. It can be further organized into subfolders based on the styling approach or component type.

Scripts

Here, you can store JavaScript files that provide functionality to the front-end. This can include libraries, custom scripts, or frameworks.

Components

This folder contains reusable front-end components. Each component can be organized in its own subfolder, which includes the necessary HTML, CSS/SCSS, and JavaScript files.

Templates

This folder holds pre-built templates or layout files that can be used as a foundation for different pages or sections of the front-end. It can include files like header, footer, sidebar, and page templates.

Data

If your front-end relies on static or dynamic data, this folder can store JSON or XML files, database scripts, or API integration files

Documentation

It's essential to include documentation to assist developers in understanding and using the assets effectively. This folder can contain style guides, component usage guidelines, and any other relevant documentation.

Build

This folder is generated during the build process and includes the compiled or minified versions of the front-end assets. It can be automatically generated by build tools like webpack, Gulp, or Grunt.

Tests

If you have automated tests for your front-end assets, you can include them in this folder. It can include unit tests, integration tests, or end-to-end tests.

Configurations

This folder can include configuration files for front-end tools or frameworks used in the project. It may include files like .babelrc, .eslintrc, or .prettierrc.

Relationship Diagram

A[Assets] --> B[Styles]

A --> C[Scripts]

A --> D[Components]

A --> E[Templates]

A --> F[Data]

A --> G[Documentation]

A --> H[Build]

A --> I[Tests]

A --> J[Configurations]