Upload Use Case

BASIC COURSE:
The system displays <u>Upload Page</u>. The <u>user</u> selects a file. The <u>user</u> then clicks <u>Upload</u>. The system will upload the <u>image</u> to the system. The System displays the <u>Main Page</u>.

ALTERNATIVE COURSE:
- **<u>User</u> uploads an <u>image</u> that does not have a PNG or JPEG file extension:** The system displays an <u>error message</u> and prompts the <u>user</u> to upload a file with a JPEG or PNG extension.
- **<u>User</u> selects the <u>camera</u>:** The system invokes the <u>camera</u> feature of the <u>user</u>'s device. The <u>user</u> takes an <u>image</u>. The system uploads the <u>image</u> automatically and displays the <u>Main Page</u>.
- **User clicks upload before selection:** The system displays an <u>error message</u> and prompt the <u>user</u> to select a file.
- **<u>User</u> clicks the 'X' button:** The System displays the <u>Main Page</u>.
- **System is unable to read the file:** The system displays an <u>error message</u> and asks the <u>user</u> to try again.
- **System fails to upload <u>image</u>:** The <u>system</u> displays an error message and asks the <u>user</u> to try again.

Convert Use Case

BASIC COURSE:

The system displays the Processing Page. The system displays the building blocks detected from the image. The user clicks Generate. The system invokes the Generate Use Case.

ALTERNATIVE COURSE:

- **User clicks Generate before system completes building block detection:** The system displays an error message and asks the user to wait.
- **System incorrectly detects building blocks:** The user clicks Upload Again. The system invokes the Upload Use Case.

Generate Use Case

BASIC COURSE:

The system displays the Results Page. The user views and edits the code displayed in the editor. The system displays an HTML render of the code. The user clicks Create New Page. The system displays the Main Page.

ALTERNATIVE COURSE:

- **The user clicks HTML Tab:** The systems displays the generated HTML code.
- **The user clicks CSS Tab:** The system displays the generated CSS code.
- **The user clicks JavaScript Tab:** The system displays the generated JavaScript code.
- **The user clicks Download As Zip**: The system downloads a Zip File to the user's device.
- **The user clicks Copy To Clipboard:** The system copies the generated code to the user's clipboard.
- **The user clicks Create New Page:** The system invokes the Upload Page to upload a new image.