

## Phase 5: Project Documentation & Submission

In this phase you will document your project and prepare it for submission. Please refer below the requirements technology wise:

### AI & ADS:

#### Documentation

- Clearly outline the problem statement, design thinking process, and the phases of development.
- Describe the dataset used, data preprocessing steps, and feature extraction techniques.
- Explain the choice of machine learning algorithm, model training, and evaluation metrics.
- Document any innovative techniques or approaches used during the development.

#### Submission

- Compile all the code files, including the data preprocessing, model training, and evaluation steps.
- Provide a well-structured README file that explains how to run the code and any dependencies.
- Include the dataset source and a brief description.
- Share the submission on platforms like GitHub or personal portfolio for others to access and review.

### DAC:

#### Documentation

- Outline the project's objective, design thinking process, and development phases. Describe the analysis objectives, data collection process, data visualization using IBM Cognos, and Python code integration. Explain how the insights from the analysis can help website owners improve user experience.
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- Explain how the insights from the analysis can help website owners improve user experience.

#### Submission

- Share the GitHub repository link containing the project's code and files. Provide instructions on how to replicate the analysis and generate visualizations using IBM Cognos and Python. Include example outputs of the visualizations and analyses.
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- Include example outputs of the visualizations and analyses.

## **IOT:**

### **Documentation**

- Describe the project's objectives, IoT device setup, platform development, and code implementation.
- Include diagrams, schematics, and screenshots of the IoT devices and data-sharing platform.
- Explain the project in detail.

### **Submission**

- Share the GitHub repository link containing the project's code and files.
- Provide instructions on how to replicate the project, set up IoT devices, develop the data-sharing platform, and integrate them using Python.
- Include example outputs of IoT device data transmission and platform UI.

## **CAD:**

### **Documentation**

- Outline the project's objective, design thinking process, and development phases.
- Describe the platform's layout, features, and technical implementation details.
- Include screenshots or images of the platform's user interface.

### **Submission**

- Share the GitHub repository link containing the project's code and files.
- Provide instructions on how to deploy the platform on IBM Cloud Foundry.
- Write a detailed README file explaining how to navigate the website, update content, and any dependencies.

## **NOTE:**

File Naming Convention: **TechnologyName\_Phase5**

After completion upload your file to your **same private GitHub account** that has been created earlier. Please give access to your **college evaluators email ids**. Also please give access to faculty evaluator[ **facultyevaluator@gmail.com** ] and industry evaluator [ **IndustryEvaluator@skillup.online** ] to your private GitHub repository for evaluation process.