**IMAGE RECOGNITION WITH IBM CLOUD VISUAL RECOGNITION**

**Problem Statement**:

Develop an image recognition system using IBM Cloud Visual Recognition. Share your passion for photography by uploading images and watch as the system accurately classifies and describes their contents. Craft engaging visual stories with the help of AI-generated captions. Connect with your audience through captivating visuals and compelling narratives!

**Problem Definition:**

The project involves creating an image recognition system using IBM Cloud Visual Recognition. The goal is to develop a platform where users can upload images, and the system accurately classifies and describes the image contents. This will enable users to craft engaging visual stories with the help of AI-generated captions, enhancing their connection with the audience through captivating visuals and compelling narratives.

**Design Thinking:**

* Image Recognition Setup: Set up the IBM Cloud Visual Recognition service and obtain the necessary API keys.
* User Interface: Design a user-friendly interface for users to upload images and view the AI-generated captions.
* Image Classification: Implement the image classification process using the IBM Cloud Visual Recognition API.
* AI-Generated Captions: Integrate natural language generation to create captions for the recognized images.
* User Engagement: Design features to allow users to explore, save, and share their AI enhanced images.

**Cloud Service:**

The IBM Watson Visual Recognition Cloud Service allows Clients to add image recognition capabilities to applications by either accessing pre-built models on the Cloud Service or by creating a custom model using the Cloud Service.

**Use case:**

Image recognition use cases are found in different fields like healthcare, marketing, transportation and e-commerce. It can be used to identify objects in images to categorize them for future use