# Image Recognition with IBM Cloud Visual Recognition

## Project overview:

1. Objective: Develop an image recognition system using IBM Cloud Visual Recognition to automatically classify and analyse images based on their content.

2. Key Features: Image classification, object detection, custom training, content moderation, integration capabilities, and scalability.

3. Technology Stack: IBM Cloud Visual Recognition, programming language (e.g., Python, Node.js), and a possible frontend for user interaction.

4. Phases: Planning, data collection, model training, integration, testing, deployment, monitoring, and maintenance.

5. Success Metrics: Accuracy in image classification, response time, user satisfaction, reduced manual moderation efforts (if applicable), and scalability.

6. Team: Project manager, data scientists, software developers, UX/UI designers, QA testers, and Devops engineers.

## Design Thinking:

1. Image Recognition Setup: Set up the IBM Cloud Visual Recognition service and obtain the necessary API keys.

2. User Interface: Design a user-friendly interface for users to upload images and view the AI-generated captions.

3. Image Classification: Implement the image classification process using the IBM Cloud Visual Recognition API.

4 .AI-Generated Captions: Integrate natural language generation to create captions for the recognized images.

5. User Engagement: Design features to allow users to explore, save, and share their AI enhanced images.