# Signature Detection Model Assignment

## Objective:

The goal of this assignment is to create an object detection model that can accurately detect signatures in images. You can use any modern object detection framework such as Detectron2 or YOLO to complete the task. You are required to annotate a sample dataset, apply augmentation techniques, train the model, and evaluate its performance.

## Requirements:

* **Data Annotation:** Annotate the given dataset (sample data provided) for training the model.
* **Data Augmentation:** Apply augmentation techniques to enhance the model’s robustness.
* **Model Selection:** Choose either Detectron2 or YOLO for training the model.
* **Model Training:** Train the chosen model on the annotated and augmented dataset.
* **Evaluation:** Evaluate the model on a separate validation/test set and report the performance.

## Submission:

* Create a github repository and provide the link as submission.
* Also create a readme.md file for the given github repository, it should have steps to setup the environment for train/test/eval model.
* You can also provide the google colab link which utilizes the github respository url for setup.
* You also have to submit screenshots or recorded video of the inference.

## Note:

1. Use of any Chatgpt kind of software will result in termination of candidature.
2. Any kind of malpractice will not be tolerated.