# Project Goal

Create a synthetic text detection system in Python.

# Implementation

1. Create a training set
   1. Find sample radiographs online
   2. Overlay them with random text with customized font, font size, color, outline color, rotation, language…
   3. Save the bounding box coordinates as the correct labels
2. Use the training set & labels to train keras yolo v6
3. Test performance on real-life radiographs with texts and find bounding boxes