2nd Week Work Update

* Completed data annotation
* Completed Evaluation code
* Learnt about different strategies that can be used for signature detection
  + Connected Component Analysis (CCA)
    - Learnt how CCA is being implemented
    - Reimplemented the signature extraction using CCA, implemented by:

<https://github.com/ahmetozlu/signature_extractor>

* + - Found that it was also outputting photos along with the signatures and I will have to dig deeper to get a better working algorithm or know its flaws.
    - Output image generated so far is attached below.
  + YOLO algorithm
    - This method was also implemented by Altium.
    - The full procedure for signature detection using YOLOv2 is described in the paper:

<https://ieeexplore.ieee.org/document/8583797>

* + - Learnt how YOLO works and the procedure to implement it.
    - Learnt about transfer learning and how it was used in implementing YOLO algorithms in the past.
* Updated the presentation slides so far.

Output Image:

