**Backlog**

## Detection

**Img Detection(CV)**

1. Rectangle shape img elements √
2. Consider the background color when preprocessing
3. Img connected with a slim line
4. Irregular img elements

**Text (OCR)**

1. Line Detection (CTPN)
   1. Build model √
   2. Issue: Various input image size
      1. Option1: Retrain with segment images
      2. Option2: Revise model with SPP
2. Word Recognition (CRNN)
   1. Build model √
   2. Font classification

**Component Detection (OD)**

1. ~~FRCNN~~
   1. ~~Build model~~
   2. ~~Collect data~~
2. YOLO
   1. Build model √
   2. Label data √
   3. Check Feasibility √
      1. collect more data
3. Image processing + Single components classification --
   1. Image processing methods to detect potential components
   2. Build a classifier (SVM)

## Code Generation --

**Issues:**

1. How to define DIV for non-bordered cases √
2. How to define the hierarchy √
3. Divide vertically
4. How to recognize similar units (same class)
5. Measurement and evaluation