

Team Name: sdmay21-32

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Report Period: Sept 14-Sept 27

### **Summary of Progress in this Period**

- Each member of the group did the manual masking and annotation (18 images per person)
  - We converted the manual masked json file into a coco json file using cocosynth Library.
  - We did a research on different algorithms and their feasibility for automated annotations.
  - We prepared presentation slides and discussed our research findings with our advisor.
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### **Pending Issues**

- Choosing the right algorithm for the automated annotation
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### **Plans for Upcoming Reporting Period**

- Testing the manual masked images, the json file using Convolutional neural networks (CNN).
  - We will do a research and experiment on Feature Pyramid Networks for object Detection.
  - We will continue experimenting with the algorithms from our research findings.
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