

**The University of the West Indies**

**Department of Computing and Information Technology**

**Undergraduate Project Course**

**Weekly Status Report**

**Project: Tropical Fruit Identifier Date: 25th February 2020**

**Iteration: 4**

**Implementation Status**

**Highlights – Image Annotation Issues**

**Risks or Issues List**

| Date Entered | Risk or Issue | Description | Resolution | Status |
| --- | --- | --- | --- | --- |
| 3rd /02 /2020 | Low image availability | Some of the fruits are providing a bit hard to source | Manipulation of current images to simulate additional images | In progress |
| 18th/02/2020 | Images too big for annotation tool | The images when loaded into the annotation tool appear to be too big to be labelled. | Adding code to resize them as they are loaded into the tool. | Resolved. |
| 25th/02/2020 | Some images are rotated in annotation tool | Some of the images are loaded into the annotation tool at an anticlockwise 90 degree angle. This seems to be images taken by Samsung phones. | There are no found resolutions to the issue since it doesn’t occur with every photo so adjusting the code may cause more issues. | Unresolved (indefinitely) |
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**Tasks in Progress or Completed in the Last Iteration**

| Task Name | Description | Team Member Responsible | % Complete |
| --- | --- | --- | --- |
| Development of the front end interface | A web interface is being created to test and use the ml model | Atonia | 60% |
| Trained Yolo Tool | Training the Yolo tool to be able to automatically annotate new images. | Shereece | 0% |
| Database functionality | Data functionality was added to the frontend application | Atonia | 30% |
| Relabeling fruit images | The images were rotation corrected before labeling previously. However, that would lead to inaccurate labels so they’re now being reannotated. | Shereece | 70% |

**Upcoming Tasks for the Next Iteration**

| Task Name | Description | Team Member Responsible |
| --- | --- | --- |
| Figure out Yolo v2 or v3 | The labelled fruit images need to be fed into a yolo model to train it. | Shereece |
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