

**The University of the West Indies**

**Department of Computing and Information Technology**

**Undergraduate Project Course**

**Weekly Status Report**

**Project: Tropical Fruit Identifier Date: 24th March 2020**

**Iteration: 8**

**Implementation Status**

**Highlights – None**

**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) |
| 8th/03/2020 | One GPU, bad hard drive | The only laptop in the group with a GPU also has a failing hard drive so there are a lot of precautions like backups being taken going forward. | A new drive, an SSD was ordered. [Added later: It was never delivered so no replacement is available] | Unresolved |

**Tasks in Progress or Completed in the Last Iteration**

| Task Name | Description | Team Member Responsible | % Complete |
| --- | --- | --- | --- |
| Database functionality | Data functionality was added to the frontend application | Atonia | 75% |
| Expanding the Dataset | Photos are being taken to be added to the dataset as there aren’t enough images yet for each fruit. | Everyone | 10% |

**Upcoming Tasks for the Next Iteration**

| Task Name | Description | Team Member Responsible |
| --- | --- | --- |
| Training | Start training the Yolo | Shereece |
| Pytorch Yolo | Attempting the implementation of Yolo using Pytorch instead of Darknet | Shereece |
| Presentation/Reporting | Create a presentation providing an update of our progress so far. | Selah |
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