**Sprint 3 Plan**

**Greens Only**

**Sprint Completion Date:** May 20, 2018

**Revision Number:** 1

**Date:** May 7, 2018 - May 20, 2018

**Goal:** Create and test a “main” script that performs each operation in our contaminant detection pipeline.

**Task Listing**

As a developer, I would like a system that will provide the final results of the contaminant detection.

1. Create a main script that will access and run all the other scripts. (10 hours)
2. Create a script to be able to detect possible contaminants on a black background (masked background and green color). (16 hours)

As a developer, I would like to thoroughly test the system with multiple parameters to determine the limitations of the software.

1. Acquire multiple images of possible contaminants that had been found before. (1 hours)
2. Test system using many different types of contaminants and possibly modify based on results. (8 hours)
3. Test system using multiple input videos and images, to see how it performs in different settings. (8 hours)

**Team Roles**

Kevin Ajili: Developer, Product Owner

Arindam Sarma: Developer

Cesar Neri: Developer

David Munoz: Developer, Scrum Master

Eric Su: Developer

An Tran: Developer

**Initial Task Assignment**

**Kevin Ajili:**

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**Arindam Sarma:**

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**Cesar Neri:**

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**David Munoz:**

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**Eric Su:**

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**An Tran:**

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**Scrum Times**

Tuesday, Thursday, Saturday: 2:00 pm (Online)

Friday: 11:00 am (Online meeting with Atollogy)