**Sprint 1 Plan**

**License Plates**

**Sprint Completion Date:** February 9, 2018

**Revision Number:** 1

**Date:** January 29, 2018 - February 9, 2018

**Goal:** To setup Raspberry Pi’s and become familiar with both software and hardware that will be used during this release.

**Task Listing**

As a developer, I would like put together a Raspberry Pi system.

1. Acquire Pi’s from Atology for each developer. (1 hour)
2. Create enclosed hardware system consisting of Pi and Pi Camera. (1 hour)

As a developer, I would like to feel comfortable using the Raspberry Pi

1. Set up wifi network. (4 hours)
2. Fully update Pi’s. (2 hours)

As a developer, I would like to feel comfortable using a ubuntu system (terminal only) and git.

1. Review git tutorials and practicing pushing, branching, pulling from project repository (2 hour)
2. Review command line utilities and methodologies. (1 hour)

As a developer, I would like to feel comfortable using the Raspberry Pi camera module

1. Create a basic script/program that takes a simple picture (4 hours)
2. Explore other command line utilities that allow for picture capture. (3 hours)

As a developer, I would like to be able to use a generic camera system (e.g. simple webcam) to take pictures with the Pi.

1. Create a basic script/program that takes a simple picture without regards to camera hardware. (4 hours)
2. Explore other command line utilities that allow for picture capture with additional options (e.g. video capture). (3 hours)

**Team Roles**

Kevin Ajili: Developer, Product Owner

Arindam Sarma: Developer, Scrum Master

Cesar Neri: Developer

David Munoz: Developer

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: 7:00 pm (Room 302)

Wednesday: 6:00 pm (Online)

Thursday: 7:00 pm (Room 302)