**Sprint Report Document**

IBM

Kyle Merfeld

Grant Chri

Carl Molnar

Marshal Ford

(This document is completed at the end of each sprint. It contains information regarding what has been accomplished as well as some reflective thoughts.)

**1. Sprint Planning Meeting -** <Date Conducted>

**1.1 Sprint Backlog**

<< Specify the location of the project backlog. Normally, items for this sprint’s backlog should be placed in the Project Specification document. If another location is being used, specify it here. >>

**2. Sprint Review Meeting – 2017-03-23**

**2.1 Customer Demo**

We demonstrated the ability to easily download data from s3 into tensorflow.

**2.2 Stakeholder Involvement Review**

<< Provide information regarding meetings with relevant stakeholders (sponsor, etc.) and whether there was an adequate level of involvement. If not, indicate what future adjustments will be made to ensure greater stakeholder involvement. >>

Our sponsors have had a good amount of involvement in our project so far. They are willing and able to answer any questions we have for them, and seem very knowledgeable about the topic. They come to each meeting with some ideas and examples that we can use that help us with our project.

**2.3 Data Management Review**

<< Perform a review to ensure adherence to proper data management policies. Identify any issues and actions taken to rectify the issues. If the issue was recorded as part of the risk plan, identify the associated identification number. Indicate how the team will work to prevent such issues in the future. >>

We had no issue with data management. Any data we used is publicly available. The only think we needed from IBM is s3 credentials, and we received them promptly

**2.4 Requirements/User Story Review**

<< Review project requirements/user stories with the customer and update any requirements/user stories as necessary. Provide a brief overview of any review activities and requirement/user story changes. >>

We have no changes in the user stories

**2.5 Progress Review**

<< Provide a brief description of the work which was completed (and not completed) during this sprint. >>

So far we have completed a basic downloader that downloads all required files serially before tensorflow starts.

Next we will work on letting it stream the data to speed up the time it takes to run

**3. Sprint Retrospective Meeting - 2017-03-23**

**3.1 Top Highlights**

**3.2 Top Lowlights**

**3.3 Reflection on Improvements**

**4. (Include this section for your final sprint)**

**4.1 Recommendations for Future Projects**

<< Base on your experience, list any recommendations that you might have for future student teams working on capstone projects. >>

**4.2 Project Size and Effort Estimates**

**4.2.1 Size Estimates**

|  |  |  |
| --- | --- | --- |
| **Metric** | **Estimate** | **Actual Size** |
| SLOC | 2000 Lines | 2457 Lines |
| Classes | 12 Classes | 11 Classes |
| Modules | 3 Modules | 3 Modules |
| Help Document | 15 Pages | 25 Pages |
| User Story Points | 142 points | 172 points |

<< Provide a description of how your estimates compared with the actual values. Discuss why you believe (e.g. lack of experience, changes in requirements, etc.) any deviations occurred. Complete for whichever metrics your team used>>

**4.2.2 Effort Breakdown**

<< Complete the following table by breaking down the amount of effort (as a %) that was spend during each of the following stages of the project. >>

|  |  |
| --- | --- |
| **Project Area** | **% Effort** |
| Training | e.g. 5% |
| Requirements | 15% |
| Design | 20% |
| Coding | 25% |
| Testing | 25% |
| Mid-term and Final Reports | 10% |