**Sprint Report Document**

Inwerken

Connor Fradenburgh

Victor Rauta

Derek Boonstra

Tanner Olason

(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 -** 3/7/18

**1.1 Sprint Backlog**

The sprint backlog is included in section 4.4 under the Sprint 2 section.

**2. Sprint Review Meeting – 4/3/18**

**2.1 Customer Demo**

The customer is pleased with were we are at. We have moved the prototype out of build.me and are now working on it through a web IDE and have fixed troubles connecting it to the SAP Library. In the next week we hope to display the JSON data that was given.

**2.2 Stakeholder Involvement Review**

We continue to have weekly meetings with our stakeholders. There has been some more involvement on their side which has been nice to see. For example, they gave us a more detailed look at the project and have sent us JSON data and some of the maintenance videos.

**2.3 Data Management Review**

We were given JSON data that we intend to display on the page while we still do not have access to the gateway.

**2.4 Requirements/User Story Review**

The customers are happy with the User Stories that have been created so far. It has been hard to say definitively that certain user stories are done because we still do not have gateway access.

**2.5 Progress Review**

We were able to make the pages work outside of the build.me website. In addition, we have access to JSON data so now we will work on displaying the information on the pages. Work has begun on the login page and the maintenance videos page as well.

**3. Sprint Retrospective Meeting -** <Date Conducted>

**3.1 Top Highlights**

Moved to a GIT repository.

Fixed connection with SAP Library and now the website can be displayed.

Given JSON data that we will display until we have access to the gateway.

Work has been better distributed.

**3.2 Top Lowlights**

We still do not have database access, but we were given JSON data to use.

There was an issue with our presentation that the sponsors had some issues with, but all of those problems have been fixed.

With Spring break and Spring recess, we were not able to work on the project as much as we would’ve hoped.

**3.3 Reflection on Improvements**

We hope that we will have access to the gateway soon so we can focus on that.

We need to find more work that can be easily divided between group members.

We hope that we will be able to meet more as a group, whether in class or outside of it.

**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% |