**Sprint Report Document**

Inwerken

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(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 -** 2/12/18

**1.1 Sprint Backlog**

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

**2. Sprint Review Meeting – 3/6/18**

**2.1 Customer Demo**

We demonstrated the maintenance cockpit, machine view, and order view pages. Both the machine view and order view pages display information about the respective data in the way that was specified.

**2.2 Stakeholder Involvement Review**

We have weekly Skype meetings with our stakeholders, but we feel as though we are not given enough information. Each week they just answer our questions and don’t have any new information for us. There is still some confusing from us because we feel that we are not given important information unless we ask for it, even though we feel that should be given to us straight away.

**2.3 Data Management Review**

We don’t have any data to work with as the database is still being developed on the back end. Currently, we are using some basic test data, but that does not contain everything that is needed.

**2.4 Requirements/User Story Review**

The customers are happy with the User Stories that have been created so far. They have also requested that there is a User Story added for a login page, and that different users have different access throughout the website.

**2.5 Progress Review**

We were able to do the machine view, order view, and maintenance cockpit pages. The machine and order views are displaying information in the way we want, although we still don’t have access to the database so not everything is displayed. We have not done the maintenance videos page.

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

**3.1 Top Highlights**

We have set up our SVN repository and all members and sponsors have access to it.

We were given access to the base UI design and were able to complete it.

We have a prototype that displays all of the information we currently have access to in the way we wanted to display the information.

**3.2 Top Lowlights**

We still do not have database access so we were forced to create our own data for now, and we are not fully sure how the database works so we were not sure exactly what data to create.

There are still some issues with the Skype meetings, whether members missing the meeting due to internet issues or other things, or meetings being rescheduled minutes before it was supposed to start.

**3.3 Reflection on Improvements**

We hope that we will be given the database so we can figure out any information about that.

Hopefully the Inwerken team will have more information to give us so we can clear up some confusion, otherwise we will have to continue asking questions about the prototype.

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% |