**Sprint Report Document**

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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 -** 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**

We have put the project into one folder and have most of the routing figured out. Some data still needs to be implemented. We are also still working on the search functionality.

**2.2 Stakeholder Involvement Review**

We continue to have weekly meetings with our stakeholders. Involvement from our stakeholders has been good they have been working hard with us in the last few weeks.

**2.3 Data Management Review**

We got access to the mock server making which made most of our data work. Connection to the gateway seems to be close according to the German team but there is still some things to figure out.

**2.4 Requirements/User Story Review**

The customers are happy with the User Stories that have been created so far. We have accomplished most user stories as long as the data and gateway are working.

**2.5 Progress Review**

Routing seems to be close to being done with just a few issues that seem but most seem to be getting handled. Data is getting close to being fully implemented.

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

**3.1 Top Highlights**

Got the project into one folder with routing implemented. We have validation on the login page. Implementing the data is also very close.

**3.2 Top Lowlights**

We still need to get the search functionality to work.

Still having some data issues along with connecting to the gateway.

Still some small routing errors.

**3.3 Reflection on Improvements**

We hope to fix all remaining bugs before the presentation.

There is still some data functionality that the German team needs to complete.

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

**4.1 Recommendations for Future Projects**

-Looking back I think dividing tasks immediately during the semester would’ve been nice.

-Keep your documents up to date it is a lot easier to track where you are at throughout the semester.

**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**

|  |  |
| --- | --- |
| **Project Area** | **% Effort** |
| Training | 5% |
| Requirements | 15% |
| Design | 10% |
| Coding | 45% |
| Testing | 10% |
| Mid-term and Final Reports | 15% |