Team Information

**Date:**

3/13/14

**Group Number and Name:**

December 14-13 CySwap Team

**Client:**

Merry Rankin, Office of Sustainability

**Adviser:**

Professor Mitra

**Group Members and Roles:**

|  |  |
| --- | --- |
| **Team Member** | **Role** |
| Fabian Briesmoore | Key Idea Holder |
| Jared Cook | Webmaster |
| Kyle Johnson | Team Leader |
| Adam Sunderman | Communicator |

Past week accomplishments

Jared uploaded the previous week’s weekly report to the course website on Sunday 3/9.

Jared completed a proof of concept using Laravel (PHP framework) showing how PHP can retrieve information from the database and generate a webpage. This was completed on Tuesday 3/11.

Kyle, Adam, and Fabian worked on sections of the design document. Kyle completed the half of the I/O Module Specification, the User Interface Specification and the Software Specification sections on Sunday 3/16. Adam completed the other half of the I/O Module Specification, the Functional Requirements and Non-Functional Requirements sections on Thursday 3/13. Fabian completed the System Block Diagram and System Analysis sections on Thursday 3/13.

Kyle got access to Balsamiq for the team to develop screen sketches on Monday 3/10.

All team members attended a weekly meeting on Thursday at 2:10. We reviewed the proof of concept that Jared created. We also reviewed the completed sections of the design document and discussed any potential changes.

On Wednesday 3/5, all team members attended an hour long meeting with Merry Rankin (client), and Michael Hoefer (GSB, Stakeholder). Some major points from this meeting:

* We agreed upon a response time of 1 second or less (assuming no client side network or processing delay).
* We discussed how the new risk of using PHP for the project with the team having little experience with PHP. We made the client aware that this risk could threaten the goal of having an initial version released by summer.
* We discussed the previous meeting with the ISU bookstore. We determined that we would like CySwap to show a link to the bookstore's posting for each textbook posted on our site. An initial idea for how often we would receive data from the bookstore was every week. We also determined we would inquire to see if showing the bookstore's buyback price when a user is posting a textbook is a viable option.

# Past week’s task breakdown and hours

|  |  |  |
| --- | --- | --- |
| **Name** | **Hours This Week** | **Cumulative Hours** |
| Kyle | 5.5 | 24.5 |
| Jared | 4.5 | 23.5 |
| Fabian | 3.5 | 20.5 |
| Adam | 3.5 | 21.5 |

All team members spent 1 hour at our Thursday meeting. For a summary of this meeting, view the previous section. This meeting allowed our team the time to evaluate the meetings with the client. Then we organized for the week to come.

All team members spent 1 hour at the Wednesday meeting with the client. For a summary of this meeting, view the previous section. This meeting allowed for us to discuss functionality that involves utilizing bookstore data which have the potential to be implemented next semester.

Jared spent 2.5 hours working on the Laravel proof of concept. This allows for the entire team to learn from his work with Laravel to prepare for building our system.

Adam and Fabian spent 1.5 hours working on their sections of the design document. Kyle spent 2.5 hours working on his sections of the design document. This will aid us in developing our system.

Kyle spent 3/4 hour on the weekly report for this week. This will help team members in the future remember what has been accomplished in the past weeks.

Kyle spent 1/4 of an hour working on learning Balsamiq through tutorials. This allows for more accurate mockups to be generated for the design document.

# Plan for coming week (Next Steps)

**Topics for the next meeting with the client (Wednesday 3/26)**

* Agreement on feedback system (just positive and negative without description)
* What does reporting in version 1 look like (administrative side)?
* Agreement/Terms of Use
* Potential list of tasks for client to generate (text content, logo etc.)

**Task assignments**

**Laravel Concepts:**

Adam- Look into different libraries allowing for a user to enter an isbn and our system to populate other fields. This is expected to take 2 hours.

Fabian- Look into if Laravel handles any of the security concerns PHP has. This is expected to take 2 hours.

Kyle-Look into if Laravel can run specific SQL scripts. This is expected to take 2 hours.

Jared- Work towards creating one of the pages that look like mockups using Laravel. This is expected to take 2 hours.

Jared- Create a set of instructions for the team on how to set up our environment for Laravel. This is expected to take 30 min.

# Pending Issues

One current issue is that we are considering using PHP for the entire project which brings up concerns about deploying version 1 this semester. This risk is being mitigated by having each team member work on a different area of Laravel that our system will require.

Our faculty adviser also mentioned when reading over our project plan that our risks could use some development/our project has more risks than are in our project plan. This is an issue due to the fact that we are either unaware of some risks our project has or we are aware but do not have a mitigation strategy in place. We will revisit the risks should a certain week have less work than normal or when the revised project plan deadline approaches.

We currently have Atlassian software licenses that will help us with things like task tracking. We are waiting for Professor Mitra to get the servers for us.

During our faculty adviser meeting with Professor Mitra, he told us that PHP has been known to have security concerns. Fabian is investigating into if Laravel handles some security issues for us.

Additional Comments