

Memo

To: Charlie Williams, Mike Kasper

From: Team Ceres
Noah Hilt (Leader/Communicator)
Steven Koechle (Recorder/Communicator)
Joshua Chapman (Facilitator)

Subject: Team Inventory

This team inventory will provide an overview of the team's strengths/weaknesses as well as individual member's skills, experience and personal interests. This memo will also provide a list of preliminary tasks, as well as any deficiencies in our team's skill list and how we plan to solve them.

Preliminary Tasks

- Obtain a dedicated machine to act as a server
- Setup server to emulate client's server specifications (OS, mySQL version, etc.)
- Setup sandbox on server for testing as well as subversion repository

Deficiencies

Our team has a lack of PHP experience. We do however have web programming experience as well as experience with programming in multiple languages. Learning a new programming language for a proposed solution is not uncommon for many computer science courses, so we do not believe our lack of PHP programming experience will hinder our ability to develop a quality product.

Noah Hilt (Leader/Communicator)

Pertinent Classes Taken-

- CS 386 – Software Engineering
- CS 212 – Web Programming

Work Experience-

I have worked at USGS as a software developer since May 2008. Specific skills I have learned there that pertain to this project are:

- Working in a professional environment
- Working with a shared repository
- Programming in the Linux environment
- Fully documenting source code
- Learning new technologies (C++, Qt, ISIS API)

Personal Experience-

I have worked with PHP and MySQL to create a small-scale web portal that included an authentication system, a page to create projects, add/remove members to a project, as well as grade members and add comments.

Steven Koechle (Recorder/Communicator)

Pertinent Classes Taken-

- CS 386 – Software Engineering
- CS 212 – Web Programming
- CS 465 – Distributed Systems

Work Experience-

I have worked at USGS as a software developer since May 2007. Specific skills I have learned there that pertain to this project are:

- Working with a shared repository
- Programming in the Unix environment
- Writing code documentation and application tutorials
- Learning new technologies (C++, ISIS API, Python, Bash, SQLite)

Personal Experience-

I do not have very much web experience, but I have lots of experience learning unfamiliar systems. I have several months experience converting a data structure into a SQLite database.

Joshua Chapman (Facilitator)

I have extensive experience in the real world with web application maintenance. And have made a small application that relied heavily on SQL as well while at my work. My school work has been more focused on other areas, as I felt additional time spent on a subject I had extensive experience in would not be helpful. I feel that this project matches my strengths quite well, as it is a Web Portal accessing information stored on a SQL server.

Courses Taken:

- CS 477 Advanced User Interfaces
- CS 345 Principles of Database Systems
- CS 499 Advanced Software Architecture (Not yet numbered)
- EE 310 Fundamentals of Computer Engineering

Work Experience:

- Three Years of Web Application Maintenance

Personal Interests:

- Game Development - Extensive work developing framework