Weekly Status Report

To: Professor Notkin & Anton Osobov
From: Planeteers of KNOW Search Visualization
Date: 6 April 2012
Subject: Status Report I

Last Week's Goals

1. Determine major features of KNOW Search Visualization
2. Organize team into sub-team, determine roles and responsibilities
3. Two customer meetings
4. Start coordination with KNOW Crawler group
5. Make progress on SRS

Accomplishments This Week

1. The Planeteers had a very successful first design meeting this week. We determined the four major features that we wanted to implement for KNOW Search Visualization which include a heat map, timeline, word cloud and article cloud. Details of each of these features will be given in the SRS.
2. We have created three sub-teams (two people each) to encourage leadership and ownership. The two people on the lead architect sub-teams are in charge of the overall development of our product. They are responsible for leading in the design of the architecture as well as setting up the development environment for the rest of the team. The other two sub-teams are feature crews. Each feature crew is responsible for two major features. Each person on a feature crew has been assigned to be in charge of one of the major features. In addition, they will provide support for their partner's major feature.
3. We held two customer meetings this week. One meeting with Ewa Trebacz and Sarah Curran to go over technical details of the KNOW website and data base. The second meeting was with Jessica Beyer where we presented our major features for feedback.
4. We met with the KNOW Crawler group to discuss possibly coordination with the database. We gave them feedback on what metadata we thought would be useful to add to the database and we learned about what they thought would be useful to add to the database.
5. We have already made significant progress on our SRS document. The only parts left to be done are the major feature descriptions, use cases and the systems tool requirements section.

Next Week's Goals

1. Complete the SRS document.
2. Lead Architects will develop overall code architecture with input from the entire team.
3. Lead Architects will set up sub version control and give a tutorial to the team on the technologies that we will be using to develop our product.
4. Feature Crews will work on flushing out final designs of each major feature.
5. PM will help coordinate UI paper trials for major features and overall UI layout.