Scope

South Liberty Public Library's is looking to modernize their current system by implementing an information system that will allow them more efficiently carry out daily processes. The finial system is to be complete by Monday December 9, 2013 and will be called *Modernize*. It should be noted that the project sponsor, also the head librarian, will be providing all of the equipment and space needed to complete the system. The library is also equipped with computers that have the necessary hardware, a functioning local area network (LAN), and sufficient internet connection for our project needs. We will be using a hosting solution through GoDaddy.com to support our application on the web. The estimated costs of the Deluxe package will run the library $4.49 a month. Included in this hosting solution is unlimited websites if the library chooses to expand to other sites, unlimited bandwidth, unlimited disk space, 200 MB of Microsoft SQL storage, ability to have 500 email addresses with 500 MB of total storage, mobile site option, a website accelerator in improve the sites speed, DNS and a SSL certificate to aid the security of the sites, and lastly a malware scanner. The goals we plan to achieve by building *Modernize* will allow inventory of materials, both circulating and non-circulating, to be tracked and will also eliminate the current paper cards they use. Librarians will have the capability to search, add, delete, modify the materials, update patrons' information, enter new members, distribute membership cards, and charge fines to patrons. The public will only have the ability to search the system and apply for a library membership card. Patron members are able to update their personal information, check in and out books, search the system, and pay fines. Patrons will be capable of using their data stored in the system to make the process go more quickly, view checked out materials, keep tabs on their due dates on materials checked out, as well as renew, wish list, and reserve materials. The super librarian must be able to add and delete librarians as have all the other advantages the other users have. The super librarian must also be able to wave fees, view hours in order to pay librarians, view who rented out books to whom, and have the automated overdue report available. In order to implement this system in a timely manner we will be working on the system in the actual facility at nightly hours at no extra fee. We will not be adding features such as a discussion boards or e-books. We will provide a sample set of 2 patrons, 3 books(material), 1 super librarian, and 2 librarians to show how the information will display, as well as to test functionality. The library will have to enter all their data once the project is complete. The purpose of this project is to get the library on a simple computerized system and away from the card catalog system. We will make the system as simple as possible to let users be allowed to easily understand how to navigate the materials they urge to.