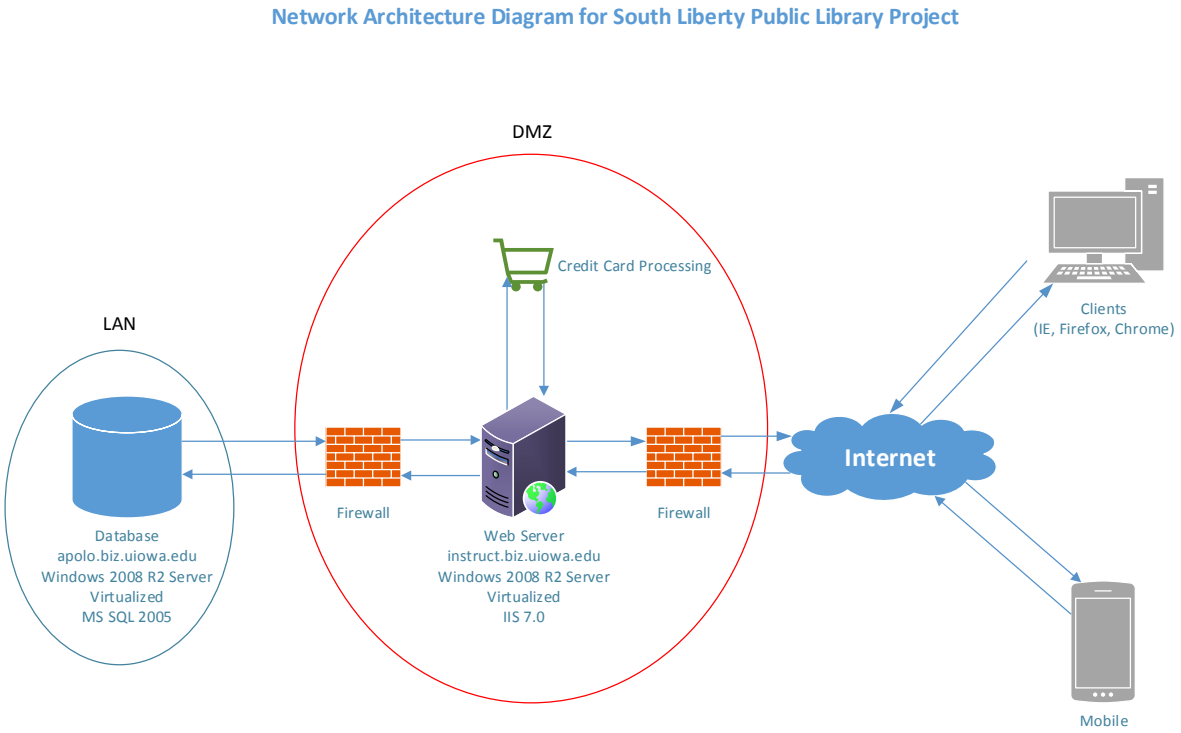
Architecture-



This system will utilize a: four tiered client-server architecture. The application will be accessible through: Internet Explorer, Firefox, and Chrome on the client side. There will also be a mobile aspect to the project, which will allow users to use the system from a mobile browser. Users will connect from their client to the web server, the application level; from there they can access all functions of the system. The system will then either access the database and retrieve information, or pass their request up to process a credit card payment. The information then returns to the web server which formats and returns the data to the user.

By using this architecture it allows a majority of system maintenance tasks to be shifted from the library to the third party web hosting service. This allows the library to focus on their core competencies and reduces the amount of system maintenance to a minimum on their end. Selecting a third party web service also provides the system with very high reliability and capacity if needed.