**Requirements Document**

1. Implement a class called Patron where each patron has a name, contact, and credit card information;
2. Implement a class called Book Inventory where each book has a title, an author, an ISBN, number of copies and a price.
3. The book’s and the patrons’ information are stored in an xml file, called book.xml and patron.xml respectively.
4. The interface will be used by the Librarian.
5. The Librarian will be able to add, delete new books from the inventory.
6. The librarian will be able to able to add, delete a patron.
7. The librarian will be able to change/update a patron’s information.
8. The patrons are able to renew the books in advance.
9. The patrons are able to renew once.
10. Implement a class called DateTime to keep track of the days and due dates.
11. As soon as the patron lands the book, the due date is going to be two weeks after that. If he decides to renew, the due date is going to be two weeks after the day he renewed.