Intended Use: This online book system can be used by students of all department. This system provides the members with online blocking of books capabilities and the Online Library System is up and running all day. Faculties can also use this for their purposes.

Product Scope: This application will allow anyone to read their desired books online and not to worry about spending money on hard copies. User interface will be designed in such a way that users can instantaneously identify and read books without a headache.

Risk Definition: We have to keep in our mind that there have various risks in every work. We need to make sure that this system is protected from any kind of malicious attack that can disrupt the systems intended operation. Books has copyright issues that’s why it is challenging not to include any pirated books. Users must have single account registered via email and their location will be traced in case of any misdemeanors

User Classes and Characteristics: The user’s classes may be viewed from two perspectives. The first is from the perspective of “group”. Users are only member. Members can just get a service or reuse an existing service. In addition to the privileges enjoyed by the member, he has the privilege to read all book what is available in our application. The second is from the perspective of services present in the group. In this case users are either a student or not. Both group can get books for that application and they also can suggest a book in our application.

User Needs:

* Books availability
* Smooth online system
* User friendly
* Some editions of same books

Operating environment:

* Operating System: Ubuntu, Linux mint, Windows 7, 8, 10 and Android 5.0, 6.0, 7.0, 8.0, 8.1
* Hardware Platform: Devices should have minimum 512MB RAM.

Constraints:

* Tools: The website will contain the HTML files, images, videos, flash files, Databases, PHP.
* Time: The time required to develop the website and the android app may exceed the estimated schedule if further features requests after the initial design stages. Hardware changes that impact performance etc.
* Agreement: - Students will be informed and student’s agreement will be made before registration for recording the microphone while using then voice search.

Assumptions: In absence of an internet connection a user cannot use the system at all. User should have pdf viewer compatible device hence books will be in pdf format. In case of multiple wrong login attempts user may get permanently blocked by the system. System has limits in terms of available books because there are lot of books students may desire to read but Book copyright issues will not make it possible.