EECS 3311 project planing

Section: M

Instructor: Hadi Hemmati

Students

Chenxi Liu: 218665075

Amirreza Touraji: 217803958

Xinyao Wang: 217994930

Qisen Zhong: 215302078

Yunfei Cao: 217621186

Detail story(5-10 parts):

Chenxi Liu:

Display book information

Display detailed information about the selected book, such as category and description.

Priority: low   Cost: 0.5 days

Xinyao Wang:

List facilities

List the facilities and locations of the library to help visitor find them.

Priority : low   Cost : 1 day

yunfei Cao

Students can cancel or reschedule the study room or space, if their plans change so that another student can use it.

Priority: medium   Cost   1 day

New detial of the study room

Students can view the detial of the study room, such as capacity, amenities and location, so they can make a informed decision on which room they need book

Priority : high   Cost : 1 day

Study space booking status.

Display the status of the study space and study room, show wich space or room is empty and which has been booked.

Priority : medium   cost : 3 days

list the Reserved

This function can show if the spaces has been resevered , and when will the reserved will be stoped.

Priority : medium.   cost 2 days

> Book management function
> This function can help librarians to delete book, add books and update books
>
> Priority: high   Cost 3 days

Big user story
Iteration1:

Chenxi Liu:

> Book Organization
>
> As a librarian, I need to be able to add and delete books, as well as add and delete book categories.
>
> Priority: high   Cost: 5 days

Quick search books

As a student, I want to quickly find the books I need by title or category.

Priority: medium   Cost: 1 days
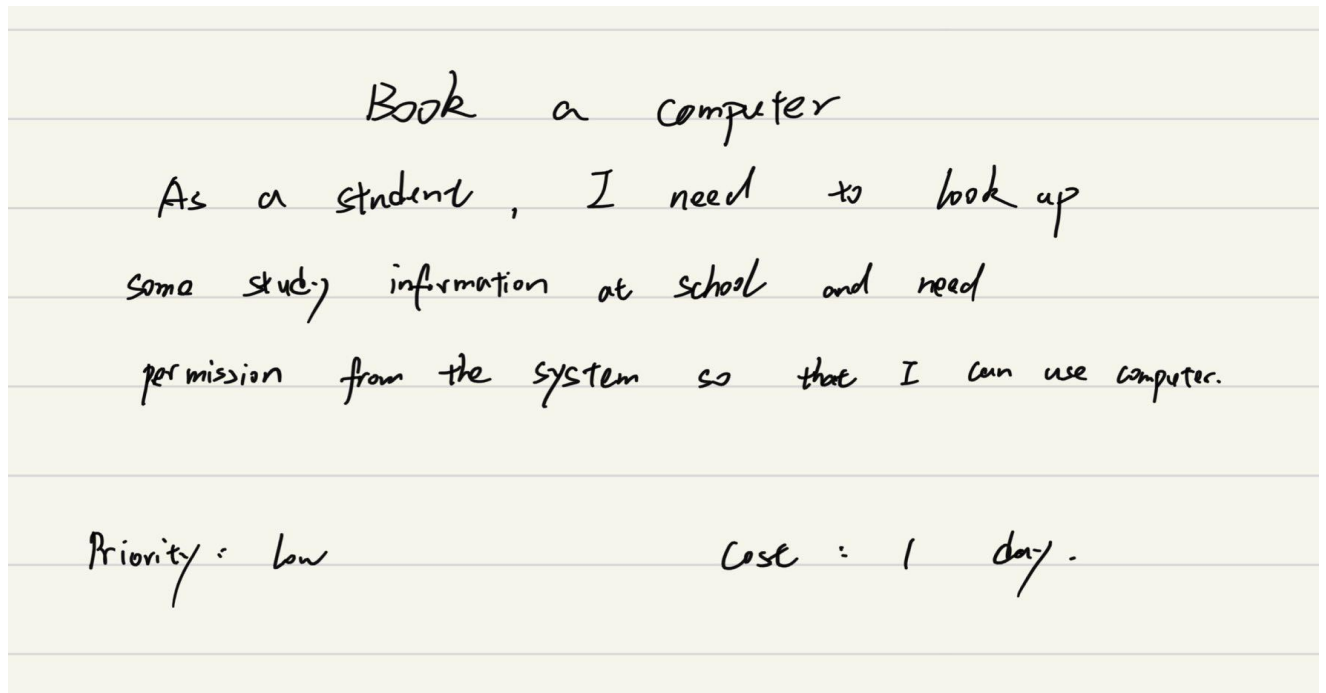
Yunfei Cao

Book the study space

As a student, I want to be able to book a study space to study and a study room to disscuss with my group; ability to view the empty space is necessary.
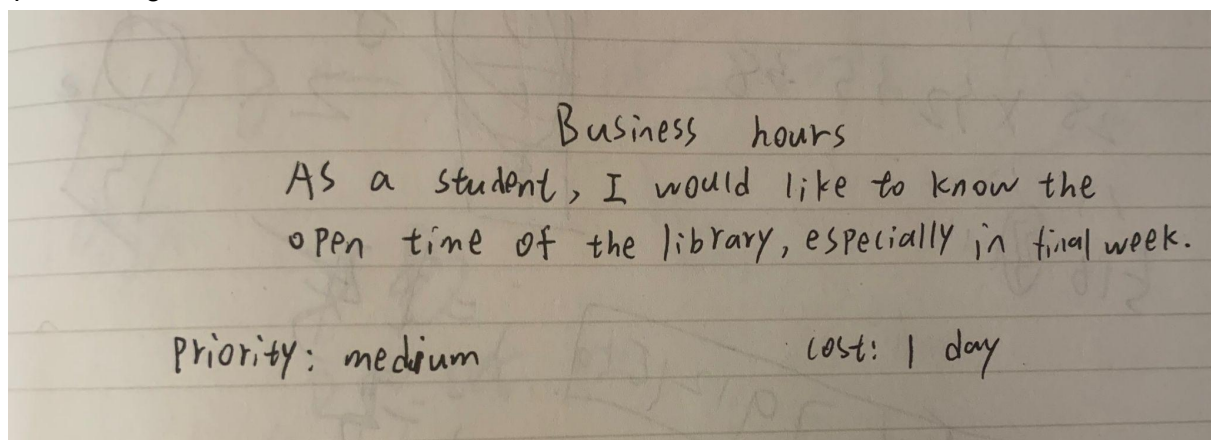
Priority: medium   Cost: 4 days

iteration2:

Xinyao Wang:

Book a computer
As a student, I need to look up
some study information at school and need
permission from the system so that I can use computer.

Priority: low   Cost: 1 day.

qisen zhong:

Business hours
AS a student, I would like to know the
open time of the library, especially in final week.

Priority: medium   cost: 1 day

Frequently asked questions

As a student, I want to get some answer quickly, such as how to recharge my student card, what's the process for borrow a book.

Priority: medium   cost: 1 day

iteration3:

Amirreza Touraji

, Price Checking "

"As a user, I want to be able to see the prices of the books I have searched and see if they are available."

Priority = high   Cost : 7 days

Updating User Info

As a librarian, I want to update the information of a user.

Priority, Easy   Cost : 1 day

yunfei Cao

Borrow book.

As a student, I want to use the library system to borrow books and return books.

Priority: medium   cost : 4 days

<u>Library management system vision statement</u>

The library management system (LMS) will be used to manage the library's information and help students use the library conveniently, such as booking the study space and study room and searching books' details. The system functions like the york university online library. The primary users of the library management system (LMS) are students, staff, and librarians. Each group of users can use different features of the system that are tailored to their specific needs.

Students can use the LMS to:

- Search for book details by title, category, or description
- Reserve study spaces and study rooms in advance
- Check the library's opening and closing hours
- Check the library's facilities and their locations
- Check the status of study spaces and study rooms (e.g. whether they are reserved or not)
- Check books' prices

Librarians and staff can use the LMS to:

- Manage and maintain the library's collection, including checking in and checking out books, updating book information, and managing the library's inventory
- Create detailed reports and analytics on the library's usage and circulation
- Monitor and manage the library's resources
- Assist students with the library's services

The system will be envisioned as a web based application mostly but can be extended to be a desktop application or mobile app as well. Users are able to view their information and change certain personal information but they are not allowed to change the prices or number of books available. That will be the responsibility of the librarian and staff which they are going to have access to materials and prices changes can be made by them.

This LSM can be successful based on three main criteria which are efficiency, accessibility, and relevance. The library system should be able to manage and organize resources effectively, such as cataloging and classification of materials, circulation of materials, and management of staff and volunteer resources and also, provide easy and equitable access to resources and services for all patrons, regardless of their age, income, or other factors. Moreover, it will also provide a wide range of resources and services that are relevant to the needs and interests of the community it serves.