YOUR LIBRARY

Refiye Şehnaz YILDIRIM, Ceren AKTAŞ, Damla GÖNÜLSÜZ, Ersu KARPUZ

Bilgisayar Mühendisliği, Mühendislik Fakültesi, Aydın Adnan Menderes Üniversitesi, Aydın / TÜRKİYE

Project Info

Intended use of the system
- The platform we developed is an environment where you can create your own library.
- The purpose of the platform to offer an environment where user can create own library by starting to read among thousands of categorized books.
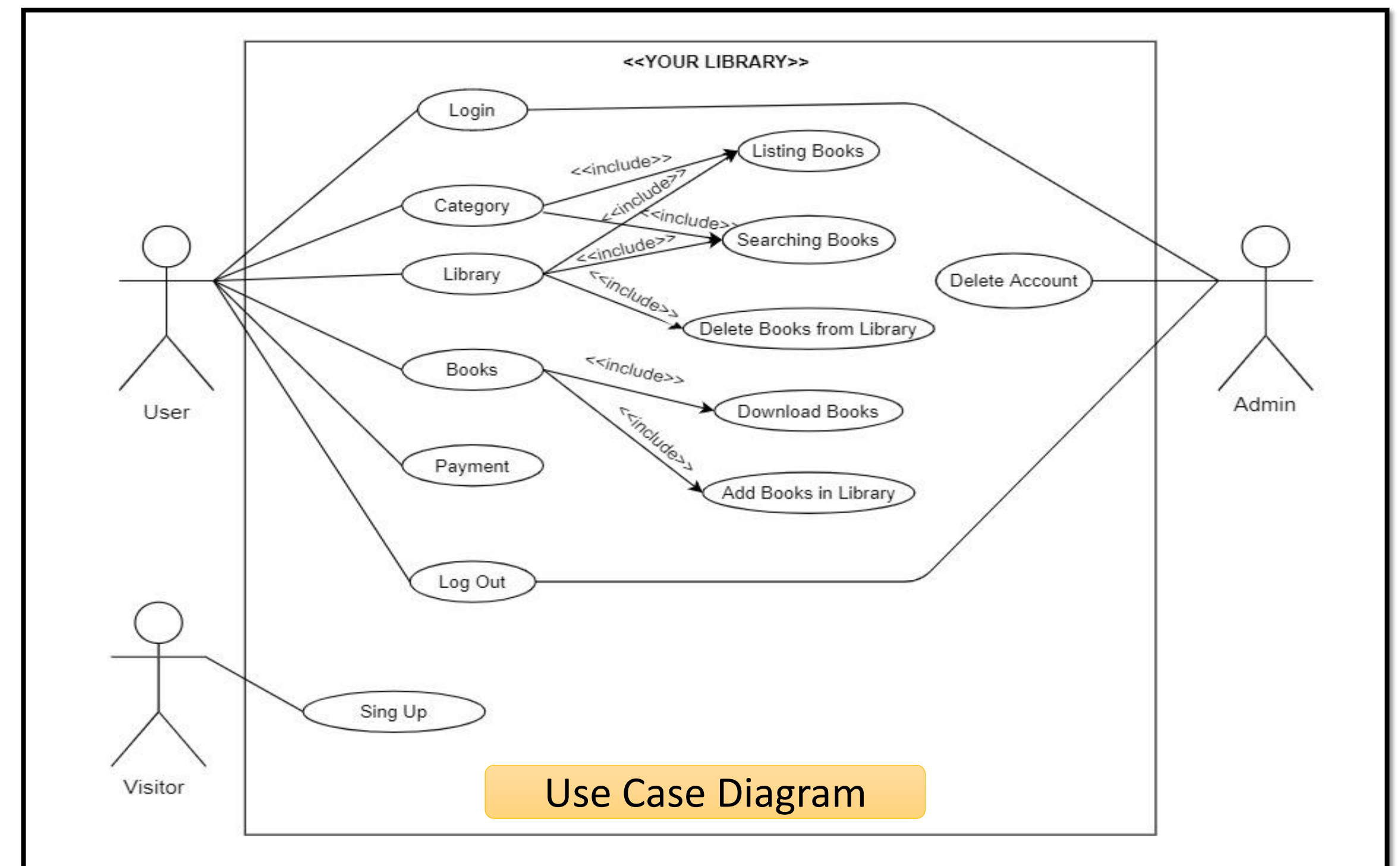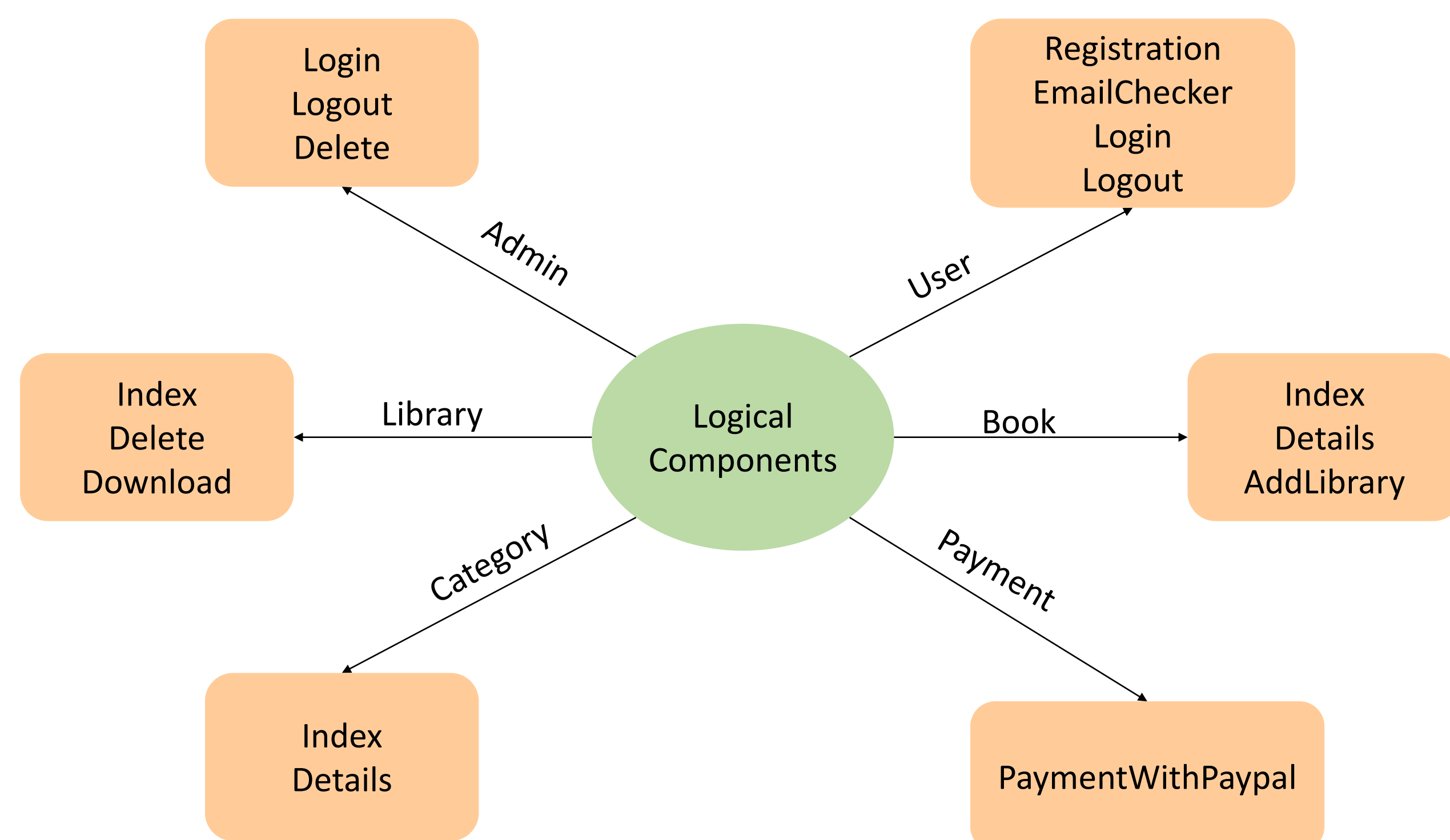
Overall function
- The system restricts access of an unregistered user and only allows access to books by signing up.
- The system allows users create their own libraries.
- The system is going to added selected book which is chosen by user from the interested category to library and if he/she does not like it, he/she can delete it from the library.

Project Info

Main components of the system.
The main components are divided into two as logical and architectural components. Logical components relate to user interface, so it is about platform visible part by user and architectural components are about where data is stored.

Architectural Components: There are 4 main classes in our system: **people**, **book**, **library**, and **category**.

This screenshot belongs to the main page of the site we designed.

Use Case Diagram

User stories, sub-stories and provide priority of this stories as low, mid, high.
Roles = USER, ADMIN, VISITOR

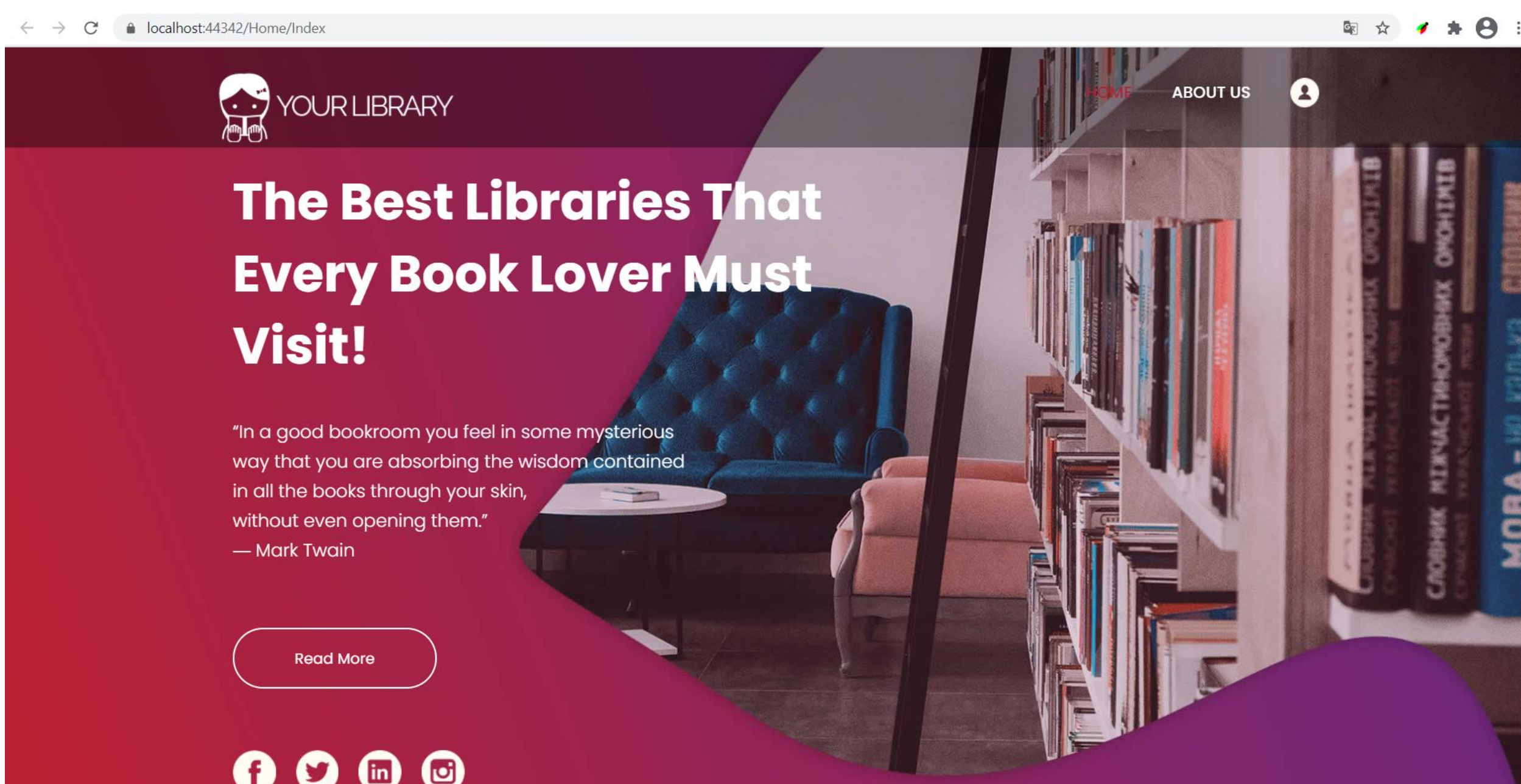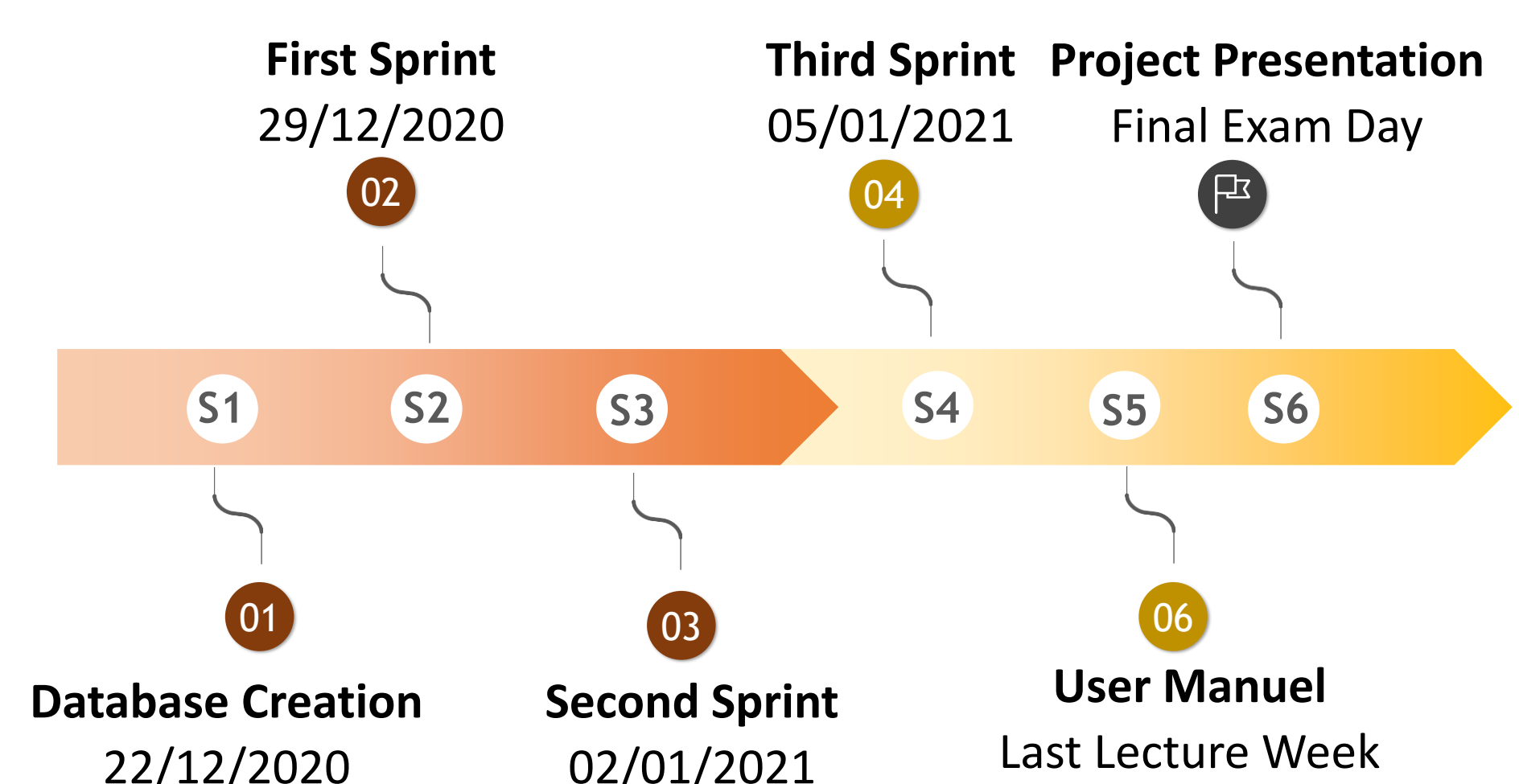|	
user-login-story:	Priority = Medium
user-search-book-story:	Priority = Low
user-delete-book-library- story:	Priority = Low
user-download-book-library-story:	Priority = Low
user-add-book-library-story:	Priority = Low
user-payment-story:	Priority = High
user-logout-story:	Priority = Medium
admin-login-story:	Priority = Medium
admin-delete-user-account-story:	Priority = High
admin-logout-story:	Priority = Medium
visitor-story:	Priority = High

System requirements - Product backlog

	What user stories does it contain?	What is the total size?
First Sprint	user-login-story(Size = '2'), admin-login-story(Size = '2'), visitor-story(Size = '3')	Cumulative size of first sprint user stories is '7'.
Second Sprint	user-search-book-story(Size = '1'), user-delete-book-library- story(Size = '1'), user-download-book-library-story(Size = '1'), user-add-book-library-story(Size = '1'), user-payment-story(Size = '3')	Cumulative size of second sprint user stories is '7'.
Third Sprint	user-logout-story(Size = '2'), admin-logout-story(Size = '2'), admin-delete-user-account-story(Size = '3')	Cumulative size of third sprint user stories is '7'.

System requirements - Product backlog

Convert epic stories to short stories.

Our epic story is **visitor-story**. It is decomposed shape is same as User user stories but general purpose of Visitor user story is 'As a visitor role, I want to become a member of the site so that learn the operation of the site.'

Project timeline by sprint and presentation dates

First Sprint 29/12/2020 — 02

Third Sprint 05/01/2021 — 04

Project Presentation Final Exam Day

Database Creation 22/12/2020 — 01

Second Sprint 02/01/2021 — 03

User Manuel Last Lecture Week — 06