

## Web development user stories

### Caoimhe

**M3** : As a member I want to be able to reserve books or other artifacts. Given that the artifact is available and I have reserved the artifact, no one can borrow it before me.

**M4** : As a member I want to be able to reserve artifacts when they are on loan. Given I have reserved the artifact, the next time it becomes available I should be the members who gets access to it next.

**M5** : As a member I want to be able to see the artifacts I have previously borrowed. Given I am on my home page, I should be able to click a link and then see a list of the previous titles I have borrowed.

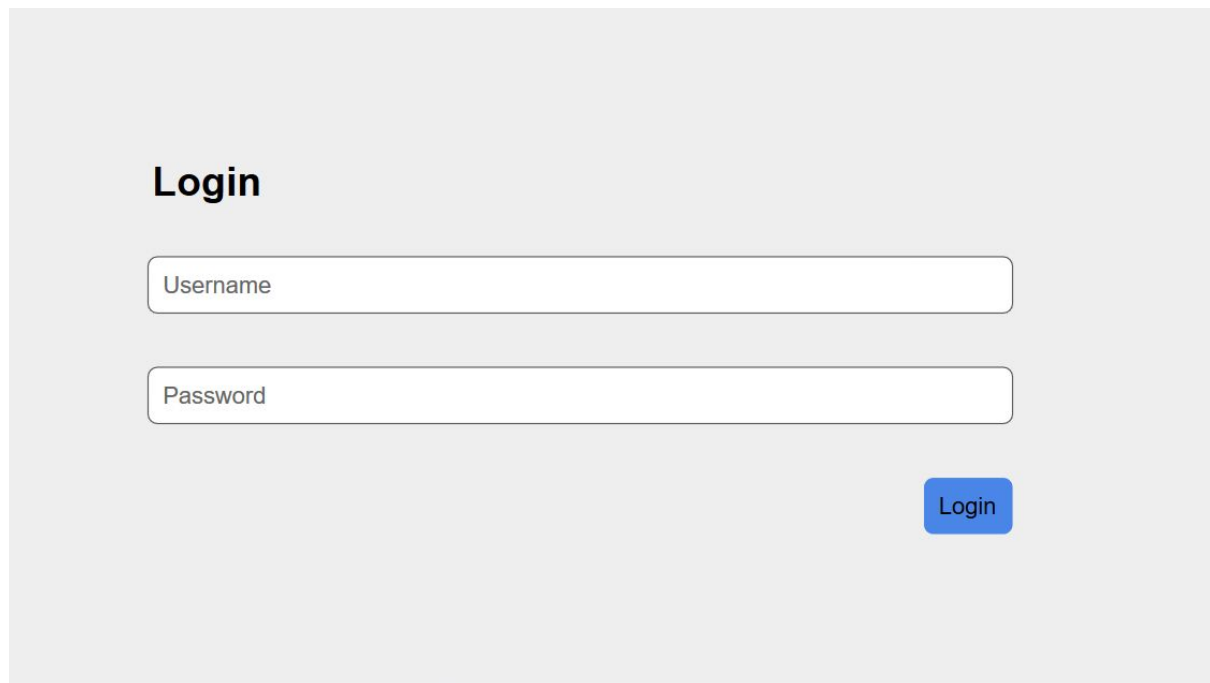
**L3** : As a librarian I want to be able to view the current loans of a member, given I have searched for a member, I should be able to click their name and see their current loans.

**L4** : As a librarian I want to be able to view the historical loans of a member, given I am looking at the current loans of the member, i want to click a button to show me the historical loans of the member.

**L5** : As a librarian I want to be able to renew loans for members, when I am on the members current loans page, I want a button to click to renew that loan for them.

**G5** : As a general member, I want to be able to search the catalogue. Given I am on a page with a search bar, i want to be able to type in a title, click go and the system will show all matching titles.

## Login Wireframe



A login wireframe on a light gray background. At the top left, the word "Login" is written in a bold, black, sans-serif font. Below it, there are two white rectangular input fields with thin gray borders. The first field is labeled "Username" in a small, gray, sans-serif font. The second field is labeled "Password" in a small, gray, sans-serif font. To the right of the password field, there is a blue rectangular button with rounded corners, containing the word "Login" in a white, sans-serif font.

### Martynas

M6: As a member I want to search for Artifacts, so that I can find the artifact of interest. Given I am on a page with a search box, when I enter some text into it and click "Go" or "Enter", then the system displays me a list of the artifacts that match some or all of the text entered

M7: As a member I want to view and update my profile so that I can set up my preferences and personal information to get emails and recommendations. Given I am on the 'My Profile' page, when I click the 'edit' button, then the system allows me to edit all the current information available and click 'save' to save the updates or 'cancel' to undo.

L6: As a librarian I can reserve artifacts for members so that they can be first to loan the artifact once it is returned by another member. Given I go on a member, when I search for them, then I can see the artifacts that they have reserved and I can confirm the reservation of these and no one else can loan it before that member (M4 -> L6)



L7: As a librarian, I want to record an artifact as being on a loan, so that other members can't loan it. Given a member loans an artifact, when I search for an artifact, then I can tell the system that the artifact is on loan and other members can't loan it (M3 -> L7)

L8: As a librarian, I want to record that an artifact was returned, so that other users can loan it. Given a member returns an artifact, when I search for an artifact, then I can tell the system that the artifact is available

L9: As a librarian I want to search for artifacts, so that I can find all the artifacts. Given I am on a page with a search box, when I enter some text into it and click "Go" or "Enter", then the system displays me a list of the artifacts with the relevant information.

L10: As a librarian I want to edit the member profiles, so that I can add necessary details related to the member. Given I am viewing a member, when I search for a member, then I can click 'edit' to alter the member profile and 'save' or 'cancel' to make the changes

## History Wireframe



[BACK](#)[LOAN HISTORY](#)

PRODUCT ID	ARTIFACT NAME	LOAN DATE	RETURN DATE	OVERDUE	
#0256	BOOK NAME	08/01/2020	08/02/2020	NO	VIEW

## Joe - User Stories

### Members

- M0 – As a member, I want to be able to log into the member portal to access the functionalities of the Library Management System [LMS] available to me.
- M1 – As a member, I want to be able to view my list of loans and their return dates so that I can keep track of my loans and when I should return or renew them.
  - As a member, I want to be warned in advance of a loan's due date via an indication on my list of loans, so that I will remember to return or renew on time.
- M2 – As a member I want to be able to renew loans on the LMS so I can manage my account from anywhere, not just the library.
  - As a member, I want to be able to request a renewal from my list of loans so that I can do so conveniently when viewing my account status.
  - As a member I want to be notified as to whether my request for renewal was accepted or not, so I know where I stand with relation to my account status.
  - As a member I want to receive information for what to do when my request for renewal has been denied.

### Librarians

- L0 – As a librarian, I want to be able to log into the Administrator Portal to access the functionalities of the [LMS] available to me.
- L1 – As a librarian, I want to be able to add or remove artefacts from the catalogue, so I can keep the library's catalogue up to date and relevant for the public.
  - As a librarian, I want to be able to enter an artefact's details in a form to be added to the catalogue as soon as possible, so the public are always viewing the most up to date version of the library's catalogue.
  - As a librarian, I want to be able to remove artefacts from the catalogue and keep them in a hidden area so the public can't see them
  - As a librarian, I want to be able to add hidden artefacts back into the library catalogue so the public can access them again
  - As a librarian, I want to be able to delete artefacts from the system completely so the public cannot access them when they no longer belong

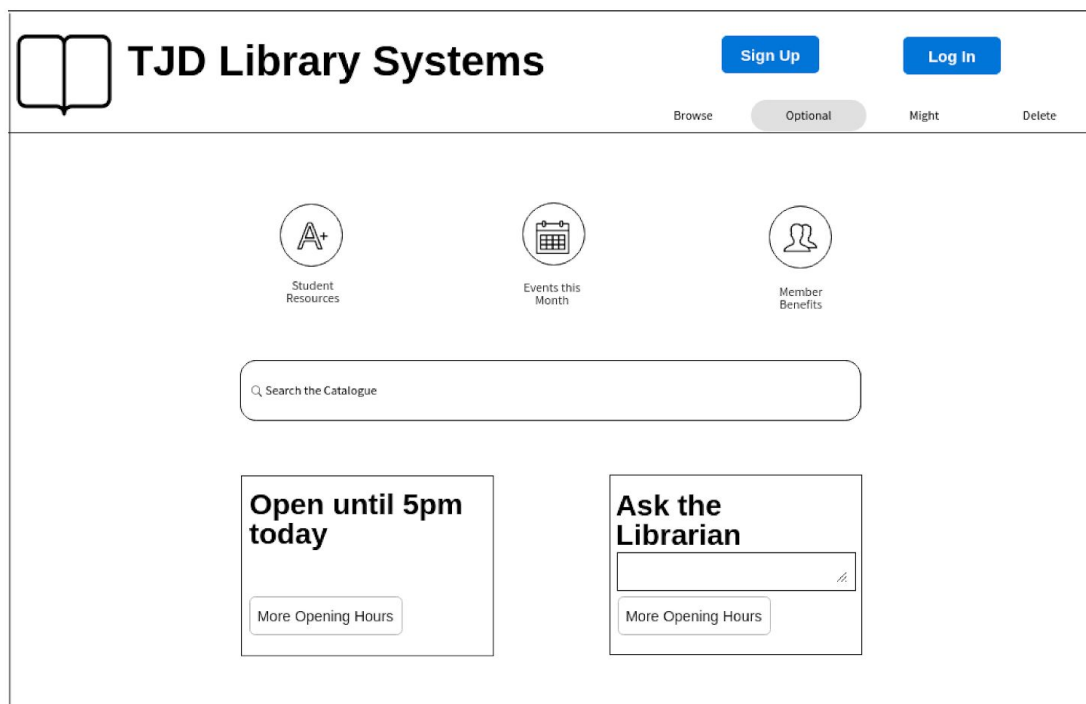
to the library. As a librarian I also want to be prompted to confirm deleting an artefact from the catalogue or hidden area

- L2 – As a librarian, I want to be able to search for members of the library to facilitate easy access to their details, list of loans etc.
  - As a librarian, I want to be able to search for members of the library using a few criteria to hand e.g. name, address, member id, etc. for ease of use.

## General Public

- G2 – As a member of the public, I want to be able to join the library online so I can reserve artefacts immediately at my convenience
  - As a member of the public I want to be notified if my application for membership has been accepted.

## Homepage Wireframe:



Themes to consider: <https://bootswatch.com/>

## List of Views

- Homepage (index.html)
- Login Page (login.html) (2 separate tabs)
- Search Results for Artifacts (artifact\_search.html) - all
- User Profile (user\_profile.html)
  - Personal Info, list of loans, reservations
  - Buttons: Renew Button, Loan History, View and Update
- Librarian Profile
- Artifact view (view\_artifact.html)
  - Librarian: Add/Remove buttons -> toast, record on loan or returned -> toast, confirm
- Loan History (loans.html)
- View and Update (update\_profile.html)
  - Button on user profile
- Search bar radio button for members by librarians
- Librarian access to user profile
  - Librarian access to historical loans
  - Librarian access to all reservations
  - Librarian access to edit member profile
- Sign Up View (sign\_up.html)

Lists: list of members, list of artifacts, list of loans, list of reservations,

List of beans:

- Artifacts
  - Book
  - E-Book
  - Magazine (periodical)
  - Cd
  - Comics
  - Videos
  - Journal (periodical)
  -
- Users
  - Librarians, members
- Reservations

## Marking Scheme

Grade	Member Portal (30%)	Librarian Portal (30%)	General Website (20%)	Documentation (20%)
A	Something more...	Something more...	B requirements + <i>Well designed website that is intuitive and easy to use.</i>	B requirements + <i>Clear mapping to website. Obvious that you have thought about them and that they were used to help design your submission.</i>
B	C requirements + M4 + M5 + M7	C requirements + L2 + L4 + L6 + L10	C requirements + <i>Clear effort at providing a consistent look and feel, but some elements inconsistent.</i>	C requirements + <b>both</b> D1 & D2 + <i>It should be possible to see how these deliverables map to the website</i>
C	D requirements + M1 + M2 + M3	D requirements + L3 + L5 + L7 + L8	D requirements + G2 + <i>Minimal effort to provide a consistent look and feel.</i>	D requirements + D1 <b>or</b> D2 + <i>There must be some attempt to make the deliverable match the website</i>
D	M0 + M6	L0 + L1 + L9	G1	D3 & D4 Submitted
Fail	No functionality implemented	No functionality implemented	Nothing done	No documents submitted