

Progress Report 2

Group Members:

Matthew Litt: 6186548 (Scrum Master)

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Subsystems we planned to implement in past sprints:

Since the last report, we have completed one sprint and are in the process of completing another.

In the second sprint our main goal was to improve on the initial frame works we had set up in the previous print and get the separate components working smoothly on their own so they will be ready to be connected. To achieve this, the subsystems we planned to implement were;

- Setting up hosting through firebase
- Setting up pages the users can view
- Setting up users (administrators) who are authorized to edit the database.
- A feature that allows users to filter/restrict the results of a search of the database based upon
- specific requirements.

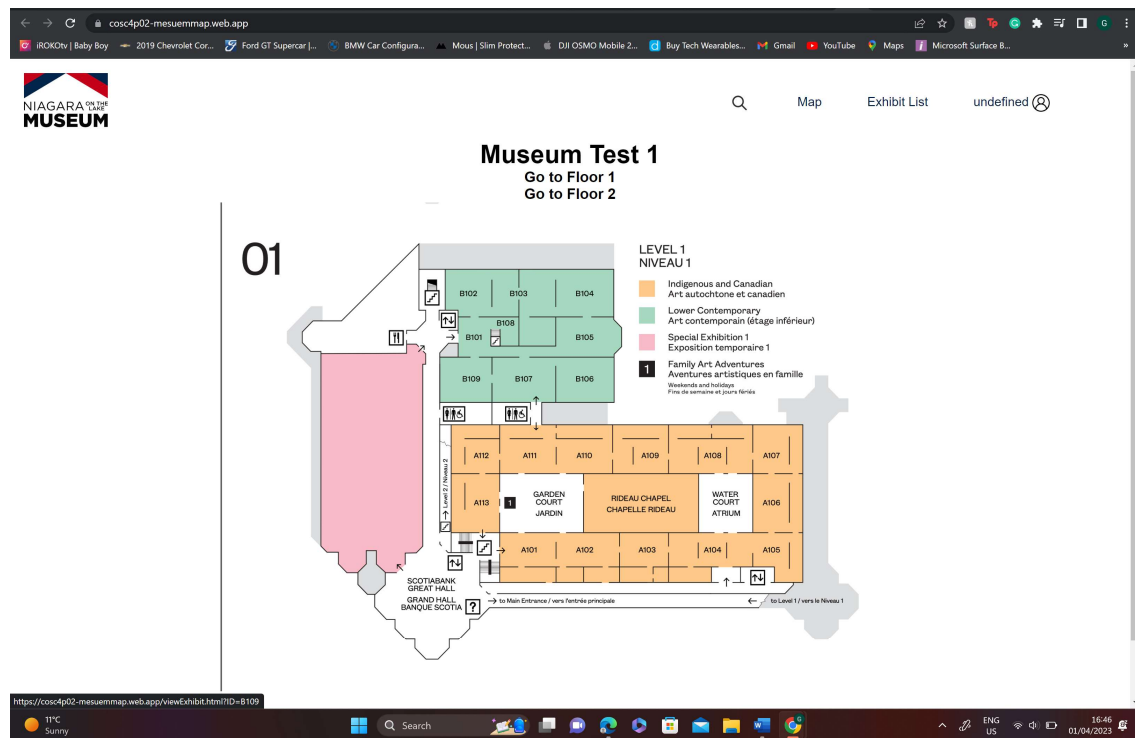
We were successful in implementing all our goals except setting up administrators who will be authorized to edit the database. We have set up the users but we have not been able to bar access to certain parts of the site (edit Exhibit) for all users besides administrators. Because of that, we have continued to work on reaching that goal.

List of features (subsystems) that you plan to implement in the following sprints:

Our goals for the current and upcoming sprints are;

- Connect front end and back end
- Add more shapes to image map so that the floor plan can have a more precise exhibit selection.
- Migrate work to public folder for hosting deployment.
- Ensure the site meets accessibility standards (AODA and WCAG).

Screenshots of a working version of the system:



Interactive map. Each shape can be clicked to reveal the exhibit in that location of the museum. This can be tried at <https://cosc4p02-mesuemmap.web.app/>



Map

Exhibit List

undefined

| ID/Room Number | Name | Year | Status | Floor |
|----------------|-----------------------------|------|-----------------|-------|
| A101 | Indigenous and Canadian Art | 1929 | inactive-closed | 1 |
| A102 | Lower Contemporary Art | 1923 | inactive-closed | 1 |
| B109 | Special Exhibit 1 | 2303 | Open | 1 |
| B201 | European and American Art | 1872 | Open | 2 |
| B218 | Upper Contemporary Art | 2020 | Open | 2 |
| C201 | Special Exhibit 2 | 2021 | Open | 2 |
| C218 | Library and Archives | 1872 | Open | 2 |

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Exhibit List Page. This can be seen at <https://cosc4p02-mesuemmap.web.app/viewExhibitsList.html>



Map

Exhibit List

Login

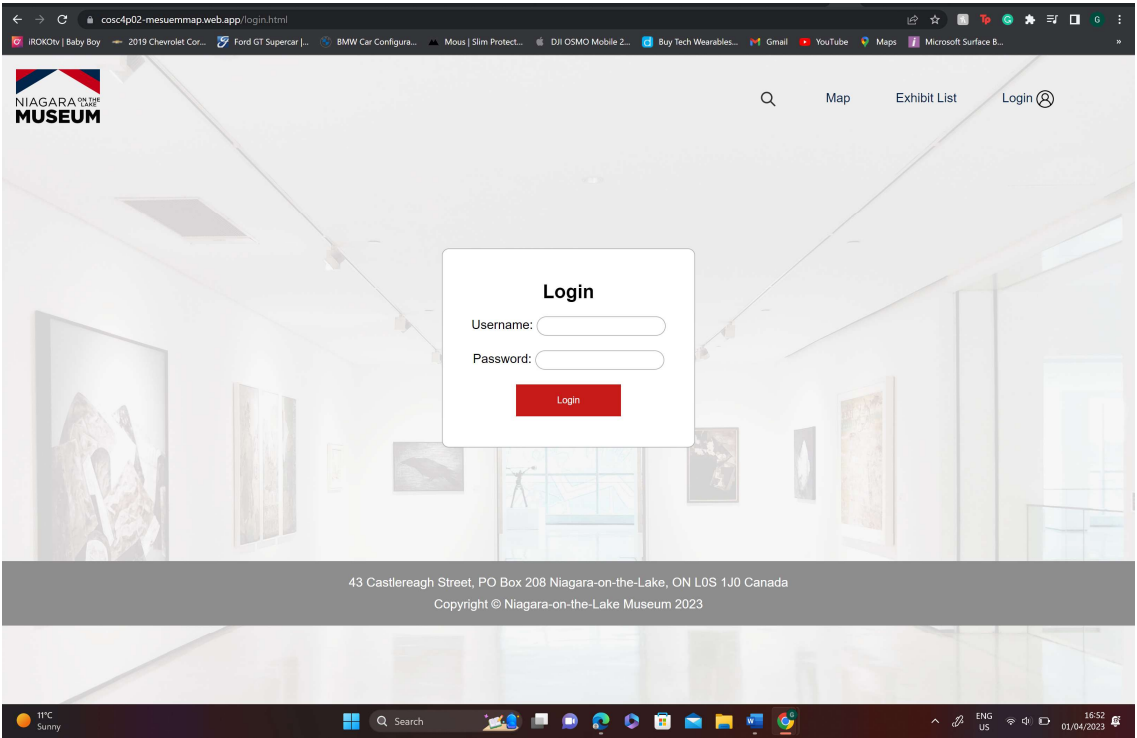
Search for exhibits

Show Advance Search

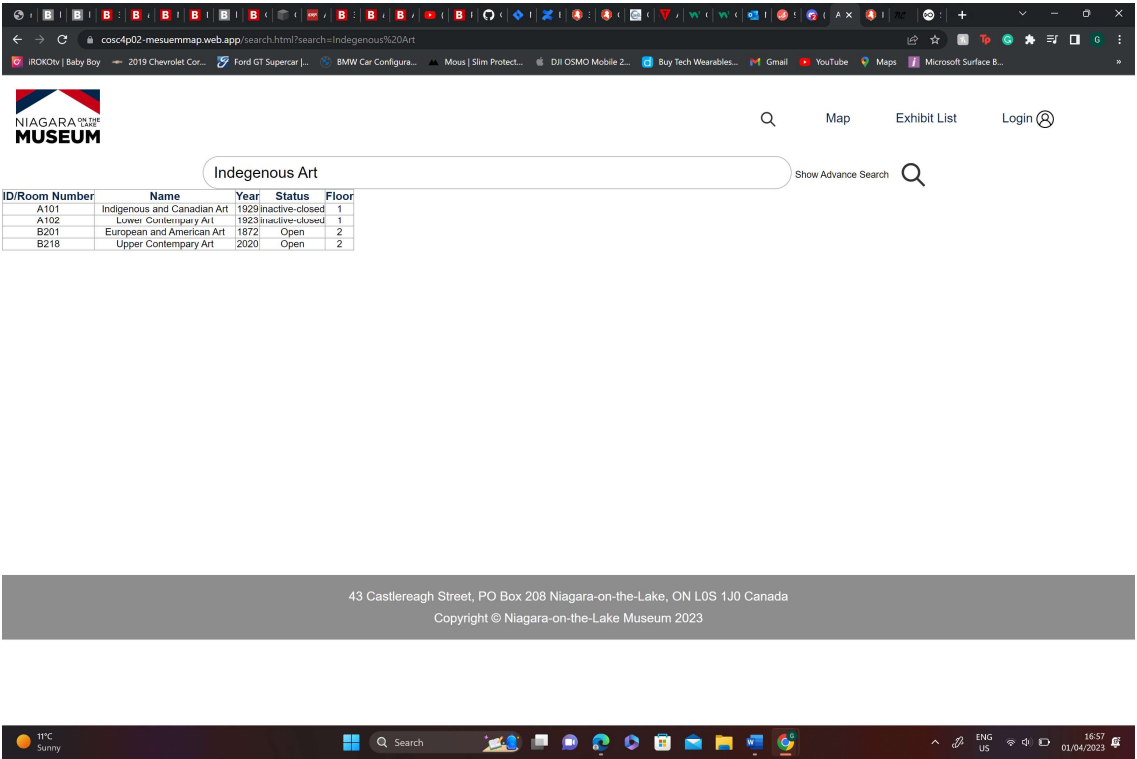
ID/Room NumberNameYearStatusFloor

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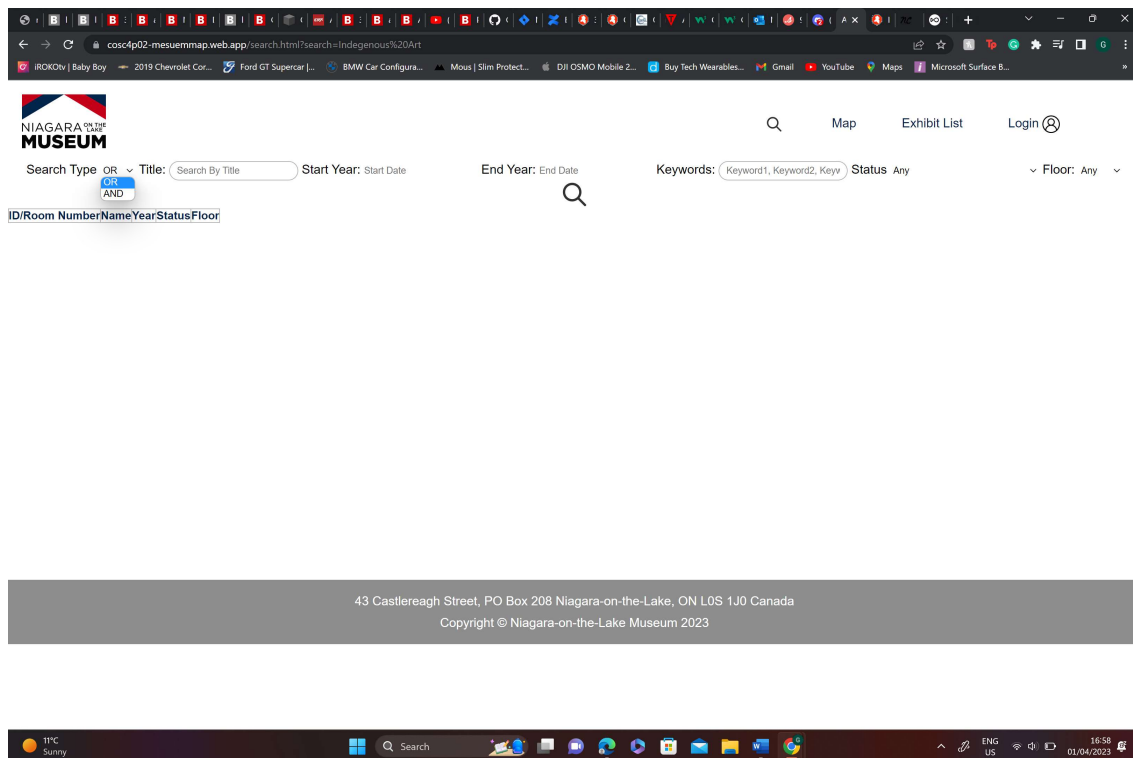
Search page. This can be seen at <https://cosc4p02-mesuemmap.web.app/search.html>



Login Page. This can be seen at <https://cosc4p02-mesuemmap.web.app/login.html>



Search Function.



Advance search Function. This can be tried at <https://cosc4p02-mesuemmap.web.app/search.html?search=Indegenous%20Art>

Issues encountered:

Since the last report, we have encountered a few issues on both frontend and backend.

On the frontend, we were trying to make it such that when you search for something in the navbar and it takes you to the search page, it auto-populates the search bar on the search page so you can still see what you searched for. We soon realized that we were having a similar issue on the backend and that fixing it there would most likely help fix the problem for the frontend.

In the backend, the main issue that was encountered pertained to search queries, specifically those operating on the basis of logical AND which was to be used for the advanced search function. This was an extensive issue comprising of sub issues so for brevity purposes I have linked a more extensive review of the [bug](#) and the solution our backend team came up with.

We have also encountered an issue outside of programming which is Jira. The free version of the app which is the one we were using seems to have some limitations in terms of functionality. We have

had issues backtracking our previous sprints, properly documenting bugs and even updating user stories.

Contributions of each member and their GitHub logs:

Matthew:

- Scrum Master.
- Worked mostly on accessibility testing.
- Coordinated our weekly meetings.
- GitHub logs so far can be found [here](#).

Glory:

- Product Owner.
- Worked on front end primarily the viewExhibitList page and improving the ease of navigation of the website.
- Wrote progress reports.
- GitHub logs so far can be found [here](#).

Cody:

- Worked on setting up the backend primarily the database and hosting through firebase.
- Worked on the advanced search logical functions.
- GitHub logs so far can be found [here](#).

Ngela:

- Worked on frontend, setting up a majority of the web pages.
- Worked on the style.css of the website.
- GitHub logs so far can be found [here](#).

Shwet:

- Worked primarily on backend
- Worked on the map and its interactivity.
- Tested frontend's interactions with the backend database and researched methods to join the two.
- GitHub logs so far can be found [here](#).

Armstrong:

- Worked on frontend primarily the account overview page.
- Working in testing.
- GitHub logs so far can be found [here](#).

Siu:

- Worked on testing the web pages and their functions.

Pashvi:

- Worked on frontend mainly the user login page.
- GitHub logs so far can be found [here](#).