



Progress Report 2

COSC 4P02

April 2023

PROFESSOR

Naser Ezzati-Jivan

TEAM MEMBERS

Diego Vergara - 6583819
Michael Wisniewski - 6402176
Zachary McGovarin - 6817019
Haseeb Ahmad - 6541957
Wayne Bessey - 6527303
Alexander Gibson - 6479364
Micah Rose-Mighty - 6498935
Samuel Onabolu - 6783369



Progress

Group Roles

Scrum Master:

- Diego

Frontend:

- Micheal
- Haseeb
- Wayne

Backend:

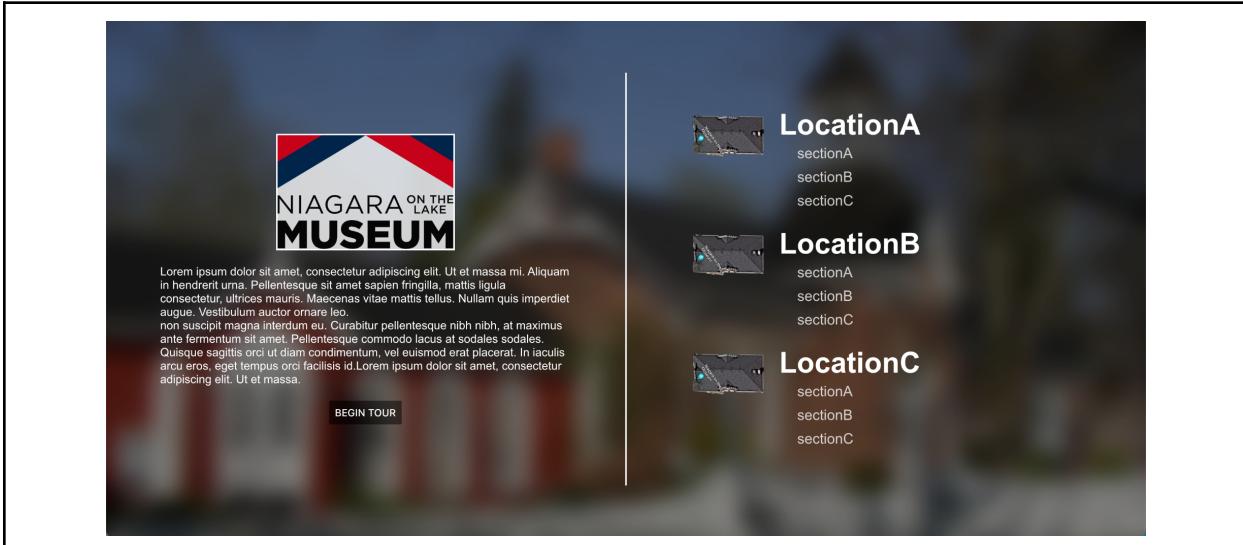
- Zach
- Samuel
- Micah
- Alexander

Sprint Backlog

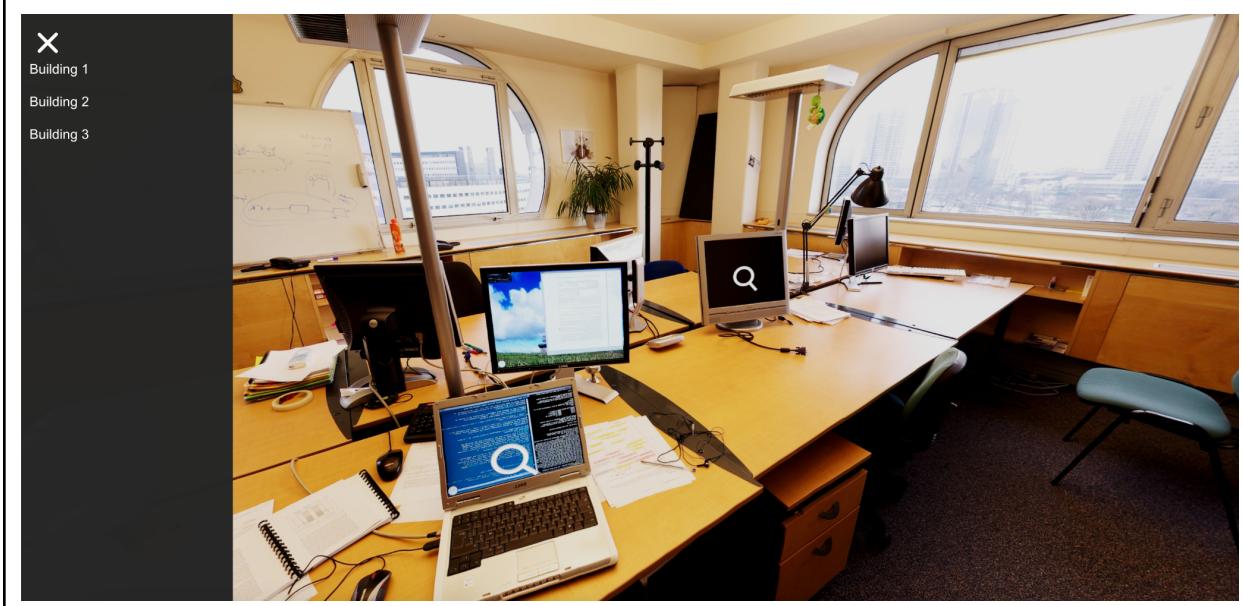
C42 Sprint 2 24 Feb – 20 Mar (21 issues)	
<input checked="" type="checkbox"/> C42-9 As a user, I want to be able to have a panoramic view of a room	
<input checked="" type="checkbox"/> C42-1 As a user, I want to be able to tour different museum rooms	
<input checked="" type="checkbox"/> C42-10 As a user, I want to be able to look around within a panoramic view	
<input checked="" type="checkbox"/> C42-7 As a user, I want to know what artifacts i have already interacted with	
<input checked="" type="checkbox"/> C42-12 As a user, I want to access the tour with minimal client side set up	
<input checked="" type="checkbox"/> C42-11 As a stakeholder, I want to encourage the user to complete the whole tour through a completion meter/checklist	
<input checked="" type="checkbox"/> C42-20 As a user, I want to be able to walk through different areas of a room	
<input checked="" type="checkbox"/> C42-25 As a user, I would like to be able to move throughout the museum rooms using arrow keys / keyboard buttons.	
<input checked="" type="checkbox"/> C42-29 As a user, I would like to be able to click ESC to close an artifact's description.	
<input checked="" type="checkbox"/> C42-34 As a stakeholder, I want smooth visual transitions through rooms	
<input checked="" type="checkbox"/> C42-37 As a Product Owner, I would like the view of the application to adjust to the window size	
<input checked="" type="checkbox"/> C42-31 As a manager/stakeholder, I want to ensure that the virtual tour is accessible on a variety of devices and Internet browsers so that as many users as possible can access it.	
<input checked="" type="checkbox"/> C42-39 As a user, I want the images / application to automatically adjust to the resolution of my display.	
<input checked="" type="checkbox"/> C42-36 As a stakeholder, I would like to showcase merchandise from the museum	
<input checked="" type="checkbox"/> C42-35 As a user, I want to be able to easily click on hyperlinks in artifact descriptions to gain more information.	
<input checked="" type="checkbox"/> C42-3 As a user, I want to be able to learn about the history of different artifacts	
<input checked="" type="checkbox"/> C42-5 As a Product Owner, I want to collect analytics on users interaction with the artifacts being viewed	
<input checked="" type="checkbox"/> C42-18 As stakeholder, I want to be able to showcase who donated the artifacts	
<input checked="" type="checkbox"/> C42-41 As a user, I want to know the time era of artifacts	
<input checked="" type="checkbox"/> C42-42 As a user, I want to know the backstory of an artifact	
<input checked="" type="checkbox"/> C42-19 As a user, I want to be able to filter/highlight different artifact categories	

Implemented:

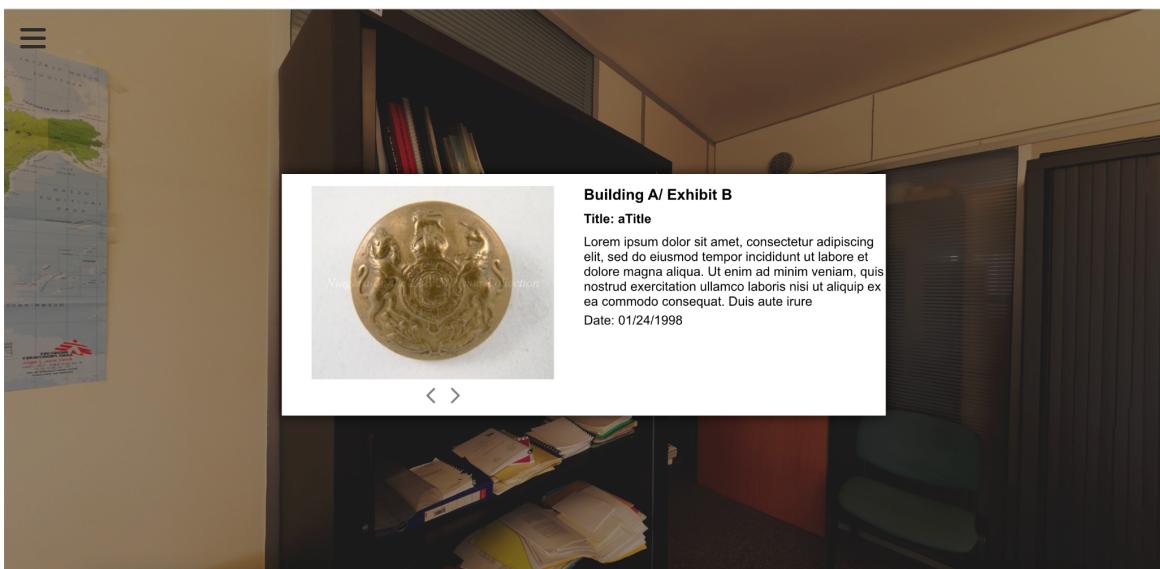
New backend Repository: https://github.com/dv18uj/COSC_4P02_Backend



- Starting Screen properly styled.
- Begin Tour button now functional, starts the panoramic tour.
- Ready to be connected to the backend.



- Side Menu implemented, needs to be styled.
- Interactive icons implemented, hotspot icons open information panels.
- Ready to be connected to the backend and begin creating a complete tour.



- Hotspots open info panels.
- Infopanel needs to be styled and connected to the backend.

Untitled Request

GET http://localhost:8080/api/user/get?uid=1

Params • Authorization • Headers (8) Body Pre-request Script Tests Settings Cookies Code

TYPE
Basic Auth

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Authorization

Username: root
Password: root Show Password

Body Cookies (1) Headers (11) Test Results

Status: 200 OK Time: 128 ms Size: 387 B Save Response ▾

Pretty Raw Preview Visualize JSON

```

1 {
2   "uid": 1,
3   "name": "test",
4   "password": "test"
5 }
```

- Backend setup using spring boot
- Above is an example api call to retrieve a user from the database.

phpMyAdmin

Server: localhost:3306 > Database: panotour

New

information_schema

mysql

panotour

- New
- artifact
- hotspot
- Section
- user
- waypoint

Containing the word:

Table	Action
<input type="checkbox"/> artifact	Browse Structure Search Insert Empty Drop
<input type="checkbox"/> hotspot	Browse Structure Search Insert Empty Drop
<input type="checkbox"/> Section	Browse Structure Search Insert Empty Drop
<input type="checkbox"/> user	Browse Structure Search Insert Empty Drop
<input type="checkbox"/> waypoint	Browse Structure Search Insert Empty Drop

5 tables Sum

- Set up database with mock data to allow testing

To Implement in next sprint:

- Final styling and connecting to the backend.
- Adding pages and buttons that allow users (with permission) to edit the tour.
- Use application to create panoramic tour of NOTL museum

Contributions

- Diego
 - Created documents to assist with organizing the group
 - Figma:

<https://www.figma.com/file/4xWfw9ygvWLWKpdGaZXnC/Untitled?node-id=0%3A1&t=jtLvE61Kb2ArmTLc-1>
 - Backend plans document:

<https://docs.google.com/document/d/1IWLA7fpGOY711rdLC-FLqNbSIOCv5CaKKIxDj08sIS4/edit?usp=sharing>

Implemented React navigation to allow navigation between pages and opening modals (infopanel).

React navigation

#7 by dv18uj was merged 3 weeks ago

Implemented the Starting screen of the application

 Paragraph setup

#4 by dv18uj was merged on Feb 22

 Description menu

#3 by dv18uj was merged on Feb 17

- Michael Wisniewski

-Setup Jest for testing components
-Styling and refactoring

 origin/StyleSheets

18 days ago

 origin/Testing

10 days ago

- Zachary McGovarin

62fcd6a - ZachM, 2 days ago : load api auth users from database

03a83b8 - ZachM, 2 days ago : Merge branch 'api' of https://github.com/dv18uj/COSC_4P02_Backend into api
ad488a9 - ZachM, 2 days ago : add employee and owner roles, restrict user management to owner

71ade8e - ZachM, 4 days ago : remove project duplicate

c32767a - ZachM, 4 days ago : initial api authentication implementation

34a61fe - ZachM, 11 days ago : add initial auth classes

b0f3d04 - ZachM, 3 weeks ago : add getuser, fix typos

9522a6a - ZachM, 3 weeks ago : Merge branch 'api' of https://github.com/dv18uj/COSC_4P02_Backend into api

5cea1fa - ZachM, 3 weeks ago : create user / userDAO / usercontroller

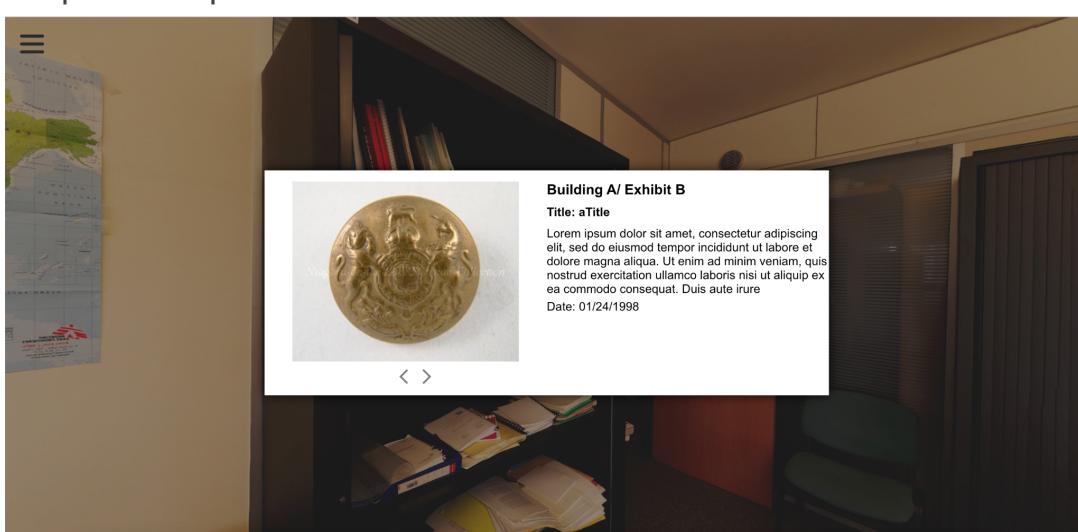
bb77d13 - ZachM, 3 weeks ago : remove useless files

7dae9c6 - ZachM, 3 weeks ago : get artifact name by oid

390c3af - ZachM, 4 weeks ago : add api call classes

8afc441 - ZachM, 4 weeks ago : create sql connection and perform a test insertion

- Haseeb Ahmad
Infopanel component



- Wayne Bessey

The screenshot shows two side-by-side GitHub commit histories for the repository dv18uj / COSC-4P02. The left history is for WayneBessey, and the right history is for another user. Both histories show commits from March 2023.

Left History (WayneBessey):

- Commits on Mar 28, 2023:
 - idle icon finished, needs hover/onclick (WayneBessey committed 4 days ago) - Icons now implemented properly, hover was added later but not yet merged to the main branch,
- Commits on Mar 27, 2023:
 - needs work (WayneBessey committed 5 days ago) - Tried to implement actual display icons, and make the infopanel respond to onclick functions of the hotspots, the panel would pop up, but displayed incorrectly
- Commits on Mar 21, 2023:
 - multiple hotspots ... (WayneBessey committed 2 weeks ago) - These two commits => Hot spot was now able to display multiple hotspots, and had clickable functionality but did not display anything
 - a (WayneBessey committed 2 weeks ago)
- Commits on Mar 20, 2023:
 - displays hotspot but not functional. (WayneBessey committed 2 weeks ago) - Implemented a hotspot to the tour, displaying buffer geometry on the mesh on specific points on the web page, but had no functionality.
- Commits on Mar 13, 2023:
 - functional (WayneBessey committed 3 weeks ago)
- Commits on Mar 9, 2023:
 - Unfinished but functional (WayneBessey committed 3 weeks ago)
- Commits on Mar 7, 2023:

<https://github.com/dv18uj/COSC-4P02/commits?author=WayneBessey>

Right History (Another User):

- Merge pull request #6 from dv18uj/SideMenu ... (WayneBessey committed last month)
 - Added Side Menu (WayneBessey committed on Feb 27) - implemented the sidemenu (styling + functionality) along with menubutton, a hamburger menu button with basic onclick transition
- Commits on Feb 27, 2023:
 - Added Side Menu (WayneBessey committed on Feb 27) - implemented the sidemenu (styling + functionality) along with menubutton, a hamburger menu button with basic onclick transition

<https://github.com/dv18uj/COSC-4P02/commits?author=WayneBessey>

- Alexander Gibson

The screenshot shows a GitHub commit history for the repository dv18uj / COSC-4P02. The commits are attributed to the user AlexGibby2000.

- Commits on Mar 28, 2023:
 - Updated +added HotspotController and WaypointController (AlexGibby2000 committed 5 days ago)
- Commits on Mar 23, 2023:
 - updated (AlexGibby2000 committed last week)
- Commits on Mar 21, 2023:
 - moved to PanoTour (AlexGibby2000 committed 2 weeks ago)
 - Create Hotspot / HotspotDAO / Waypoint / WaypointDAO (AlexGibby2000 committed 2 weeks ago)
 - Create Hotspot / HotspotDAO / Waypoint / WaypointDAO (AlexGibby2000 committed 2 weeks ago)

- Micah Rose-Mighty

- Samuel Onabolu

```
3fe1e04 - samuel, 4 days ago : created sections SQL table
```

```
ac169f0 - samuel, 2 days ago : Merge branch 'api' of  
https://github.com/dv18uj/COSC_4P02_Backend into api
```

Created section.java, and sectionDAO.java

The screenshot shows a GitHub commit interface. At the top, it says "sections created" and "Section_Impl". Below that, it shows a commit by "topmansam" committed 3 days ago. The commit message is "Created section.java, and sectionDAO.java". It has 1 parent commit d4cc790. The commit summary indicates "Showing 2 changed files with 101 additions and 3 deletions." The code diff shows the addition of two Java files:

```
diff --git a/PanoTour/src/main/java/com/COSC4P02/PanoTour/entities/Section.java b/PanoTour/src/main/java/com/COSC4P02/PanoTour/entities/Section.java
@@ -1,4 +1,30 @@
 1 package com.COSC4P02.PanoTour.entities;
 2
 3 - public class Section {
 4 - }
 5 +
 6 + import javax.persistence.*;
 7 + import java.io.Serializable;
 8 +
 9 + @Entity
10 + @Table(name = "section")
11 + public class Section implements Serializable
12 +
13 +     @Id
14 +     @GeneratedValue(strategy = GenerationType.IDENTITY)
15 +     private int sid;
16 +
17 +     @Column(name = "name", nullable = false)
18 +     private String name;
```

a files.