

COMP-3220 Project

Ryan Raffoul and Donovan Longo

Elaboration Phase 1

**The GitHub Repository is located here:**

**<https://github.com/RyanRaffoul/COMP-3220-Project-Windsor-Open-Data-Portal.git>**

**Go to Elaboration Phase 1 folder for everything due in this section.**

**The Team Collaboration tools, and Phase Plan are below also.**

## Team Collaboration Tools

### Code Repository

The Code Repository is in GitHub under the tab named Code. In this section we have so far included the Elaboration Phase 1, Inception Phase, UML Designs, Java code folders, and Test Cases with all files included. See the screenshot below.

The screenshot shows a GitHub repository page for **RyanRaffoul / COMP-3220-Project-Windsor-Open-Data-Portal**. The repository has 1 star and 0 forks. The main navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The repository is currently on the **main** branch, with 1 branch and 0 tags. The file list shows the following items:

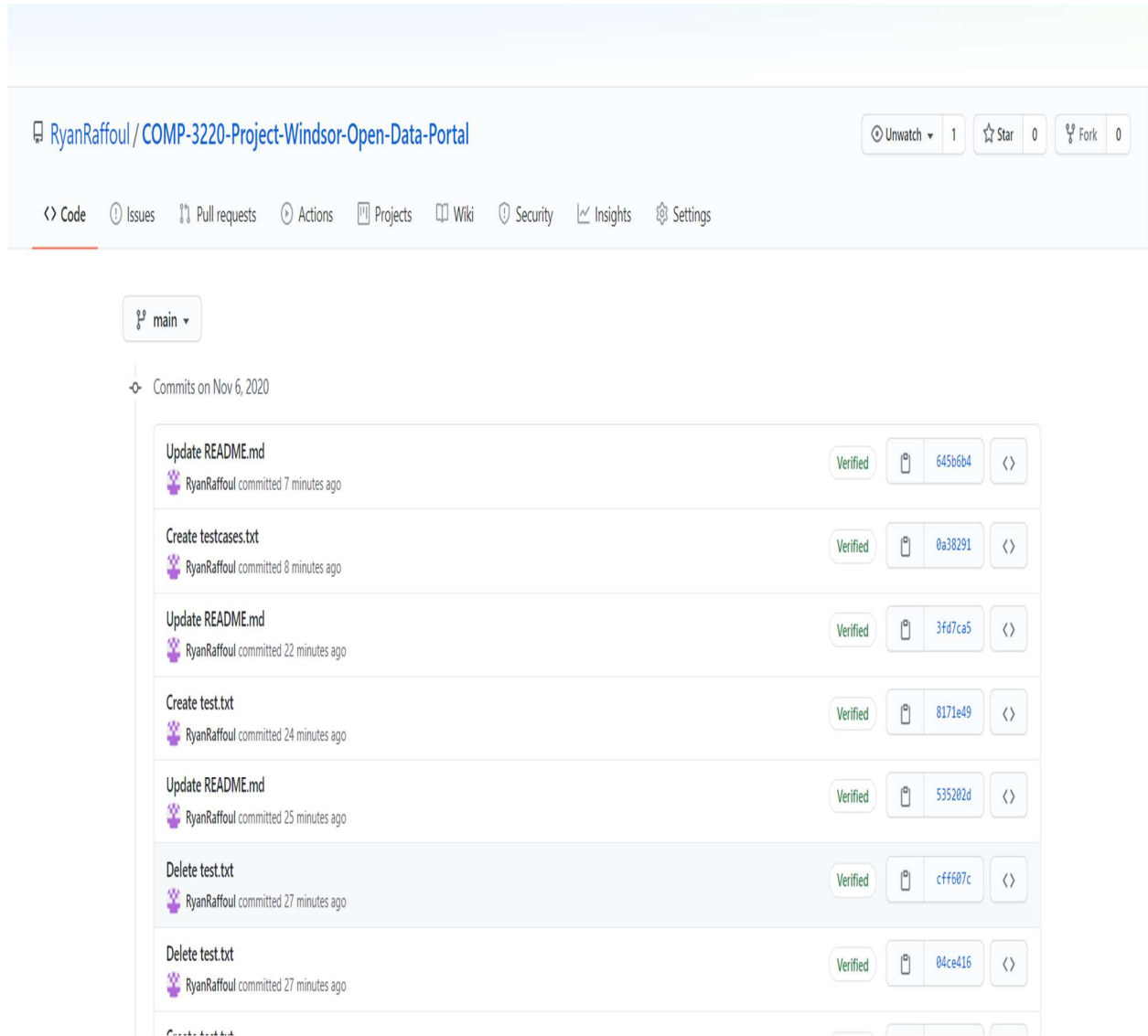
File/Folder	Commit Message	Time Ago
RyanRaffoul	Update README.md	645b6b4 6 minutes ago 19 commits
Elaboration Phase 1	Create test.txt	23 minutes ago
Inception Phase	Delete test.txt	27 minutes ago
Java Code Implementation	Delete test.txt	26 minutes ago
TestCases	Create testcases.txt	8 minutes ago
UML Use Cases	Create test.txt	27 minutes ago
README.md	Update README.md	6 minutes ago

The README.md file is displayed, showing the title **COMP-3220-Project-Windsor-Open-Data-Portal** and the description: "Project to create a Open Data Portal for the City of Windsor, Ontario".

On the right side, the repository is described as "Project to create a Open Data Portal for the City of Windsor, Ontario". It also shows sections for Releases (No releases published), Packages (No packages published), and Languages (Java 100.0%).

## Version Control

The Version Control is in GitHub and can be seen by clicking the commits button and seeing the past updates and alterations. We have continuously been updating files. See the screenshot below.



## **Bug Reporting Tool**

The Bug Reporting Tool is in GitHub under the Issues tab. Here we can document any issues with the designs and code. It is currently empty but will fill up as more designs and code are implemented. We have labels for bugs, documentation, duplicate, enhancement, good first issue, help wanted, invalid, question, and will not fix. See the screenshot below.

The screenshot shows the GitHub interface for the repository 'RyanRaffoul / COMP-3220-Project-Windsor-Open-Data-Portal'. The 'Issues' tab is selected, and the 'Labels' section is active. A table lists 9 labels with their names, descriptions, and actions (Edit, Delete).

9 labels		Sort ▼
bug	Something isn't working	Edit Delete
documentation	Improvements or additions to documentation	Edit Delete
duplicate	This issue or pull request already exists	Edit Delete
enhancement	New feature or request	Edit Delete
good first issue	Good for newcomers	Edit Delete
help wanted	Extra attention is needed	Edit Delete
invalid	This doesn't seem right	Edit Delete

## **Project Management/Task Tracking for the Team**

The Project Management/Test Tracking for the team is implemented using both GitHub and a Calendar. GitHub includes all the project management, and the Calendar helps with tracking all the tasks we need to complete. See the Calendar below for task tracking. This could always change as it is Agile.

↑ ↓ November 2020						
Today Day Week Month Year ...						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
11-01	2 Work on Test Cases	3 Work on Test Cases	4 Work on UML Designs	5 Work on Java Code	6 See where we are at	7
8	9 Elaboration Phase 1 Due	10 Update all files	11	12 Begin Elaboration 2	13 Assign tasks	14
15	16 Key Features implemented	17 UML or Code	18 UML or Code	19 UML or Code	20 UML or Code	21
22	23 Revision and Mitigation Plans	24 Revision and Mitigation Plans	25 Presentation/Final Report	26 Presentation/Final Report	27 Presentation/Final Report	28
29	30 Elaboration 2/Final Report due	12-01	2	3	4	5

## **Testing Strategy**

The Test Cases are in GitHub under the Test Cases folder and in the Elaboration Phase 1 folder. Here all current test cases can be seen. Our testing strategy is to include a possible input for different use cases and what the desired output would be for these.

## Documentation Repository

The Documentation Repository is in GitHub under the Wiki tab. Here we can provide a road map of the Project, have the current cycle, and be able to document the software better. We also will provide any descriptions for hard to understand topics here. See the screenshot below.

The screenshot shows a GitHub repository page for 'RyanRaffoul / COMP-3220-Project-Windsor-Open-Data-Portal'. The 'Wiki' tab is selected in the navigation bar. The page title is 'Brief Descriptions and Reasoning', with a green 'New Page' button and an 'Edit' button. Below the title, it says 'RyanRaffoul edited this page now · 2 revisions'. The main content area contains two paragraphs: 'Inception Phase: Initial Phase where we checked if this project would be feasible, tackled the artifacts, and designed preliminary prototypes.' and 'Elaboration Phase 1: In the first elaboration phase we created all the team collaboration tools, the UML for use cases, and some Java code implementations.' Below this is a box with '+ Add a custom footer'. On the right sidebar, there is a 'Pages' section with a search bar 'Find a Page...', a list of pages including 'Home' and 'Brief Descriptions and Reasoning', and a box with '+ Add a custom sidebar'. At the bottom right, there is a 'Clone this wiki locally' section with a URL 'https://github.com/RyanRaffoul/0' and a clipboard icon.

\*\*\*\*\* For all Elaboration Phase 1 requirements, just go to the GitHub folder for it or see each individual requirement (test cases, code, uml, etc.).

## **Phase Plan**

The Phase Plan for Elaboration Phase 1 is as follows:

- Employ all the team collaboration tools including the code repository, the version control, the bug reporting tool, the project management/test tracking for team, the testing strategy, and the documentation repository.
- Test Case for the biggest issue, getting the data and storing this in a database to be displayed. Can be of a specific dataset or a created sample.
- The UML Design for some of the Use Cases discussed in Inception.
- Java Code Implementations for some of the Use Cases discussed in Inception.