



Final Evaluation: 40%

Course Identification

Name of programs– Codes:	COMPUTER SCIENCE TECHNOLOGY (420.BP) INFORMATION TECHNOLOGY PROGRAMMER- ANALYST (LEA.3Q)
Course title:	WEB CLIENT DEVELOPMENT
Course number:	420-DW2-AS
Group:	07168
Teacher's name:	Sehboub, Mourad
Duration:	180 minutes
Semester:	Winter 2024

Student Identification

Name: _____

Student number: _____

Date: April 26, 2024

Result: _____

☐ I declare that this is an original work, and that I credited all content sources of which I am not the author (online and printed, images, graphics, films, etc.), in the required quotation and citation style for this work.

Standard of the Evaluated Competencies

Statement of the evaluated competency – Code

Develop non-transactional Web applications - 00ST

- For Web applications associated with information delivery, marketing, etc.
- For new applications and applications to be modified
- Based on design documents
- Using images
- Using issue tracking and version control procedures

Instructions

- Permitted equipment: Laptop
- You're allowed to use the class notes only. **Using communication applications such as Facebook messenger or WhatsApp and search engines such as Google is not permitted and will result in a mark of zero (0) without any tolerance.**
- No break is allowed during this exam. Students are not allowed to exit the examination room before half of the allotted time has passed. Once a student has exited the classroom, he/she may not re-enter (IPEL – Article 5.12.4).
- It is the teacher's responsibility to identify language errors. If such errors are found, teachers may apply a penalty of up to 20% of the grade (IPEL – Article 5.7).
- Plagiarism, attempts at plagiarism or complicity in plagiarism during a summative evaluation results in a mark of zero (0). In the case of recidivism, in the same course or in another course, the student will be given a grade of '0' for the course in question. (IPEL – Article 5.16).
- **Make sure that you submit all files properly. Failing to submit the correct files will result in a mark of zero (0). Submissions must be done using Omnivox. No other types of submission such as Email or Teams are accepted in the final exam.**

Mark Breakdown

This examination is calculated on 100 points distributed as follows:

TOTAL: 100 points

Requirement 1:

Responsive and flex container style and achieving the portfolio **for a total of 20 points.**

Requirement 2:

Smooth scrolling with right jQuery code **for a total of 20 points.**

Requirement 3:

carousel width fluid in free and continuous scroll mode **for a total of 10 points.**

Requirement 4:

Creating sections **5 points by section for a total of 30 points**

Requirement 5:

Validation form using JavaScript or jQuery and data storage **for a total of 10 points.**

Requirement 6:

functionality of the entire website links **for a total of 10 points.**

You are required to revise your Project 3, which involves creating a portfolio, but this time modifying it to comply with the Final Portfolio website, which I will demonstrate during the exam. I am also attaching photos of the views composing this portfolio.

You should use the `styles.css` from the Project 3 framework but modify it to achieve the style displayed in the final exam portfolio.

Your creativity should be contained in a single `index.html` file. A `script.js` file should contain your **jQuery code**, and you may add one or more JavaScript files as needed.

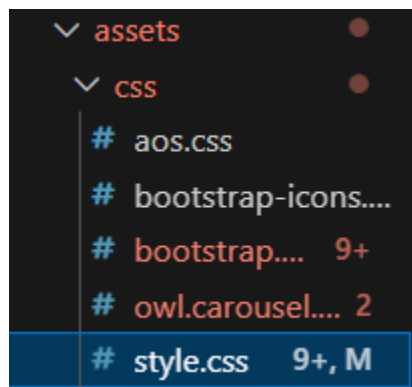
Additionally, you **must use jQuery to invoke methods and functions** that allow you to create an impressive, smooth, and configurable horizontal or vertical one-page scrolling experience on your web apps or landing pages.

Create a website **with a smooth scrolling feature that jumps to specific sections** on the page.

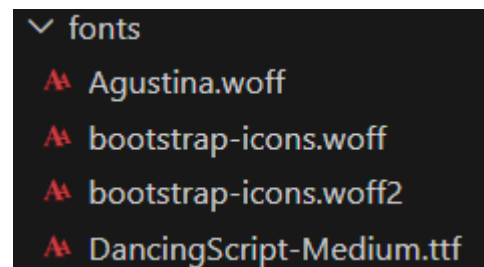
Use jQuery One Page Scroll to allow users to navigate through your page with sections using either the keyboard, mouse wheel, or touch swipe. Implement full-page presentations with jQuery and CSS animations.

Ensure your web presentation is **responsive** with **flex container** and the **carousel** width is **fluid** in free and **continuous scroll mode**.

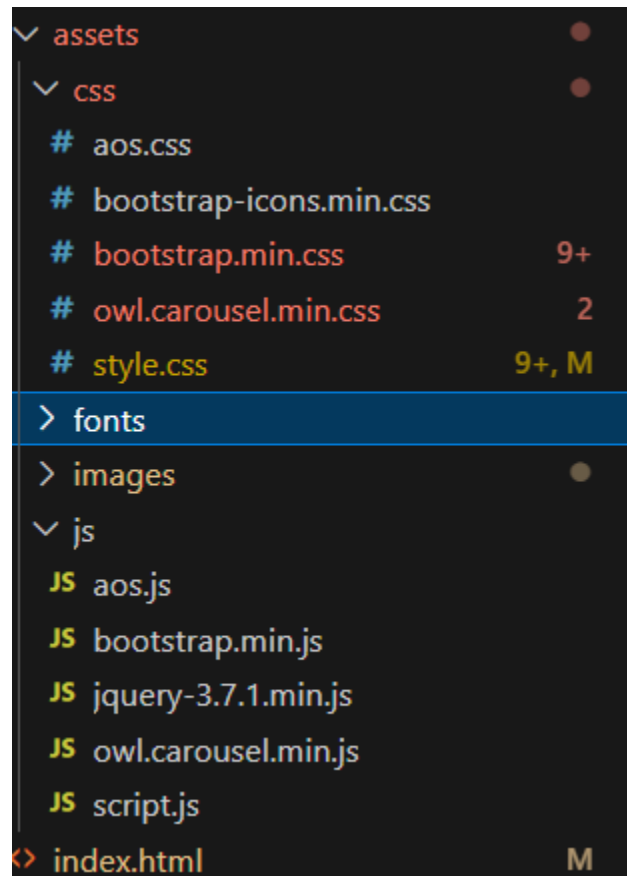
The hierarchies' files for the assets folder



The hierarchies' files for the font folder



The hierarchies' files for the global folder portfolio website



You'll find on Lea assignments the zip folder containing all the dependencies files then you can include them on your code.

For header code injection, use the following link:

```
<!-- Stylesheets -->
<link href="assets/css/aos.css" rel="stylesheet">
<link href="assets/css/owl.carousel.min.css" rel="stylesheet">
<link href="assets/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/css/bootstrap-icons.min.css" rel="stylesheet">
<link href="assets/css/style.css" rel="stylesheet">

<!-- Preload Important resources -->
<link href="assets/css/aos.css" rel="preload" as="style">
<link href="assets/css/owl.carousel.min.css" rel="preload" as="style">
<link href="assets/css/bootstrap.min.css" rel="preload" as="style">
<link href="assets/css/bootstrap-icons.min.css" rel="preload" as="style">
<link href="assets/css/style.css" rel="preload" as="style">
```

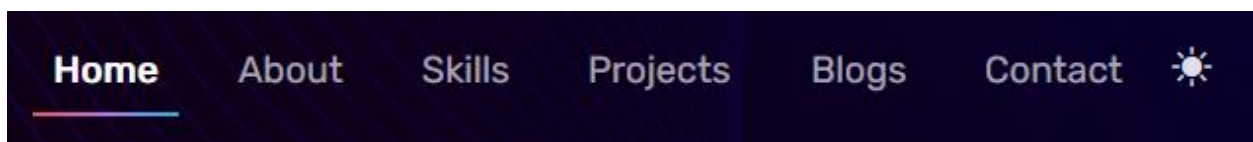
Use those icons.



On order left to right: GitHub-Twitter-Instagram-YouTube-LinkedIn-Discover. You must create a link to the respective web sites.

The icon on the right of the navbar menu navigation indicate then you must setup the dual background, when we click the icon, you can switch between black and Light background.

Black background

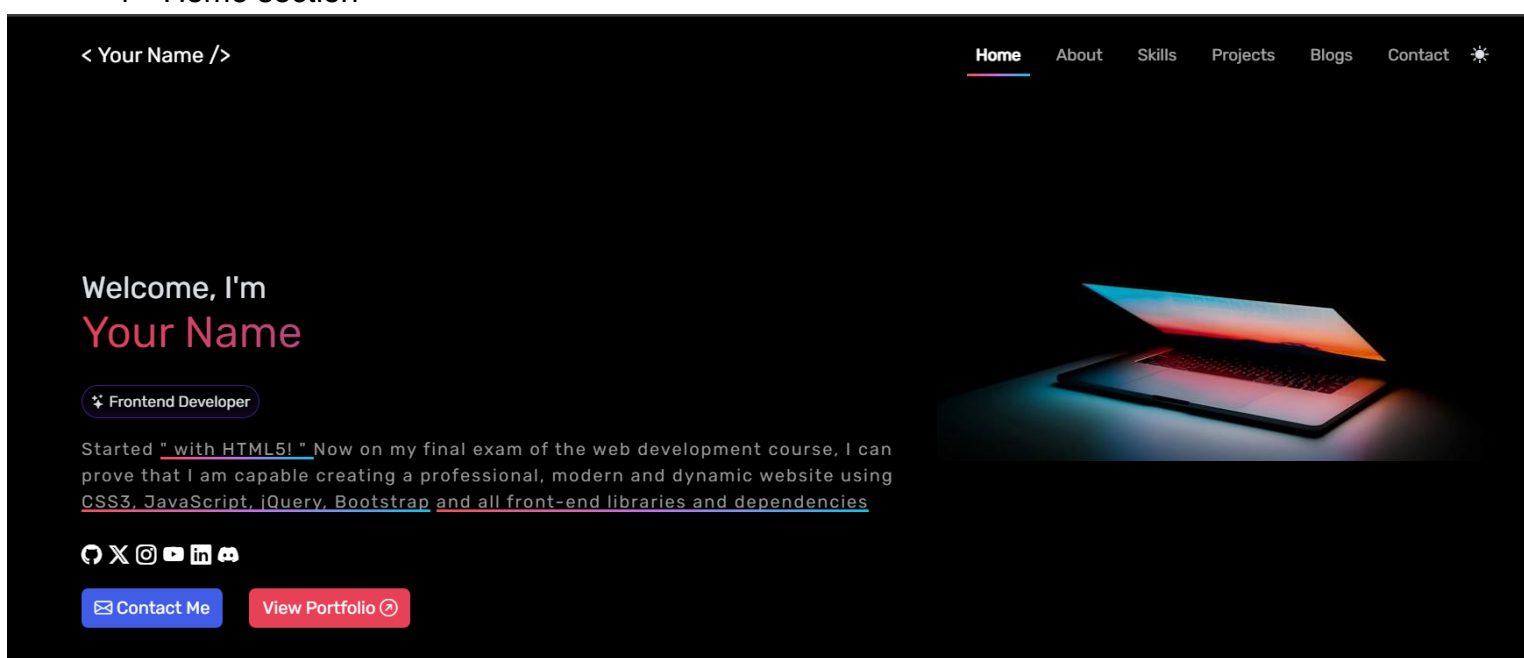


Light background

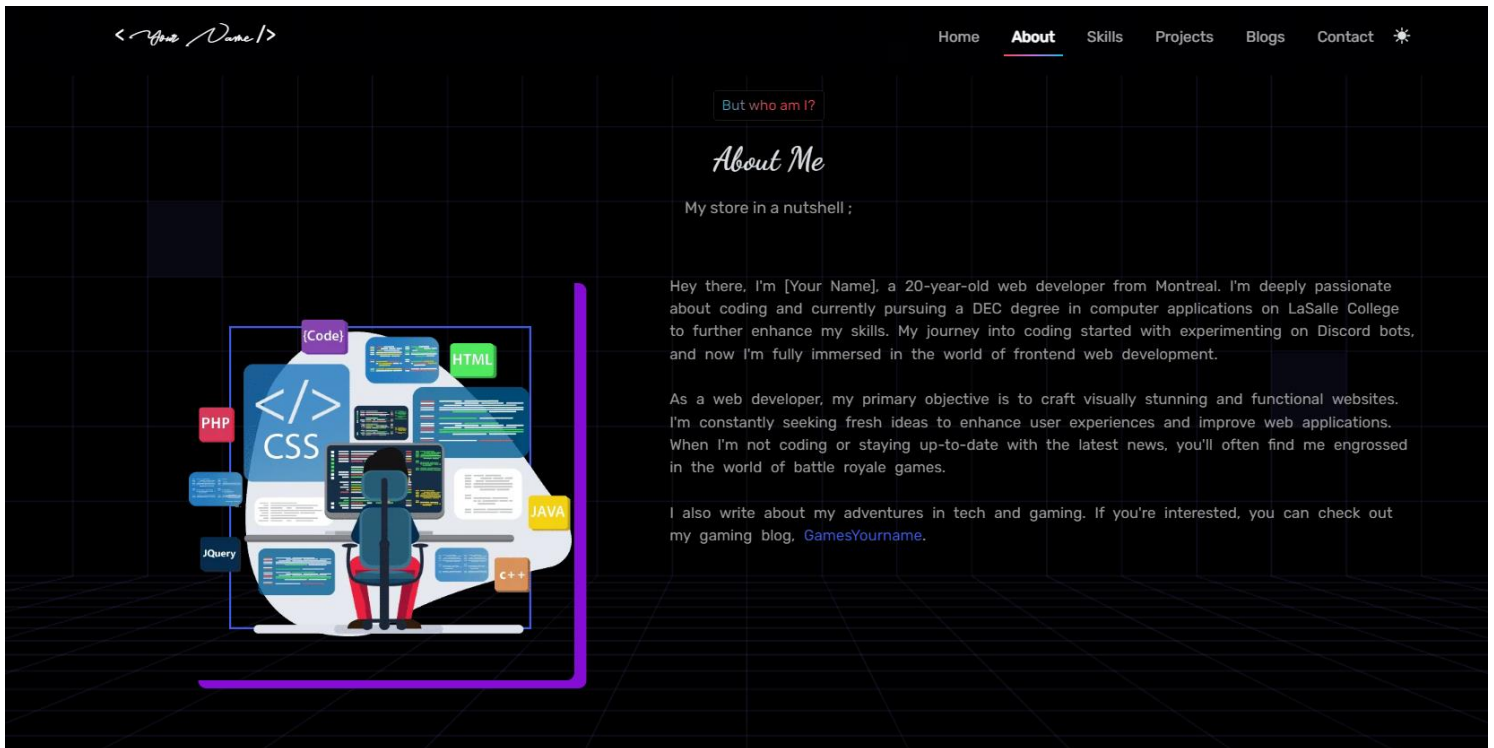


Here are the sections you need to create for your portfolio:

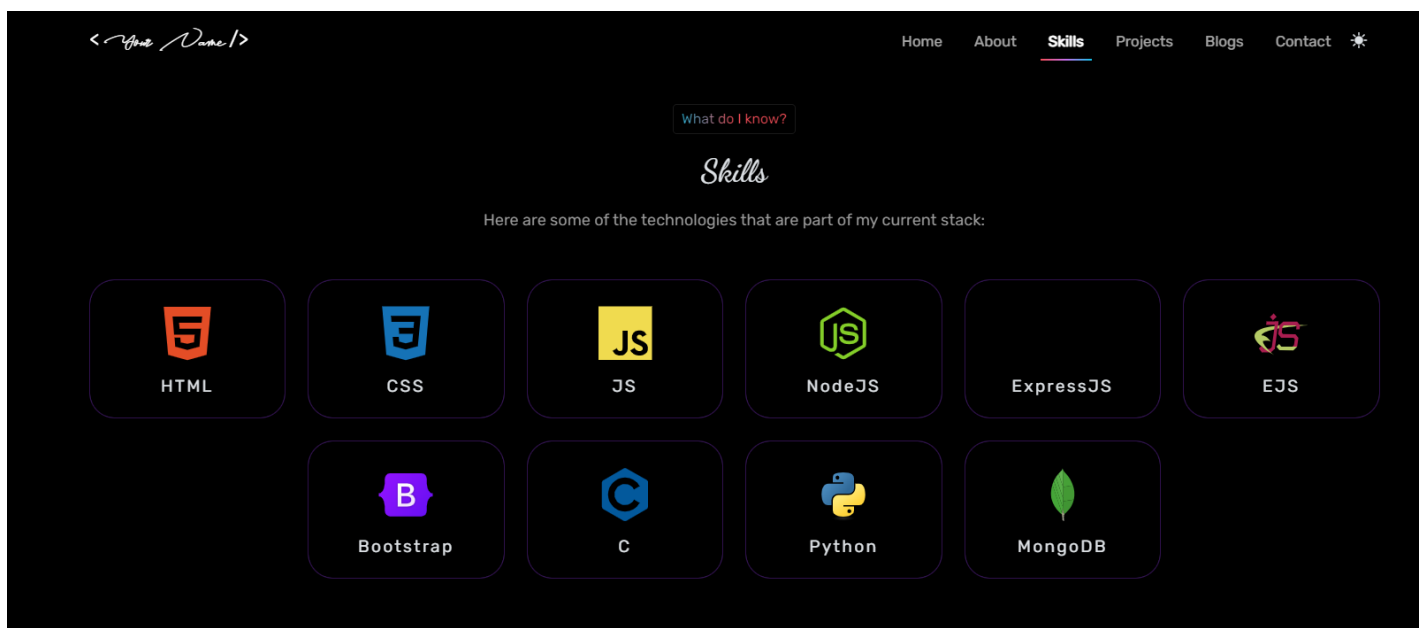
1- Home section



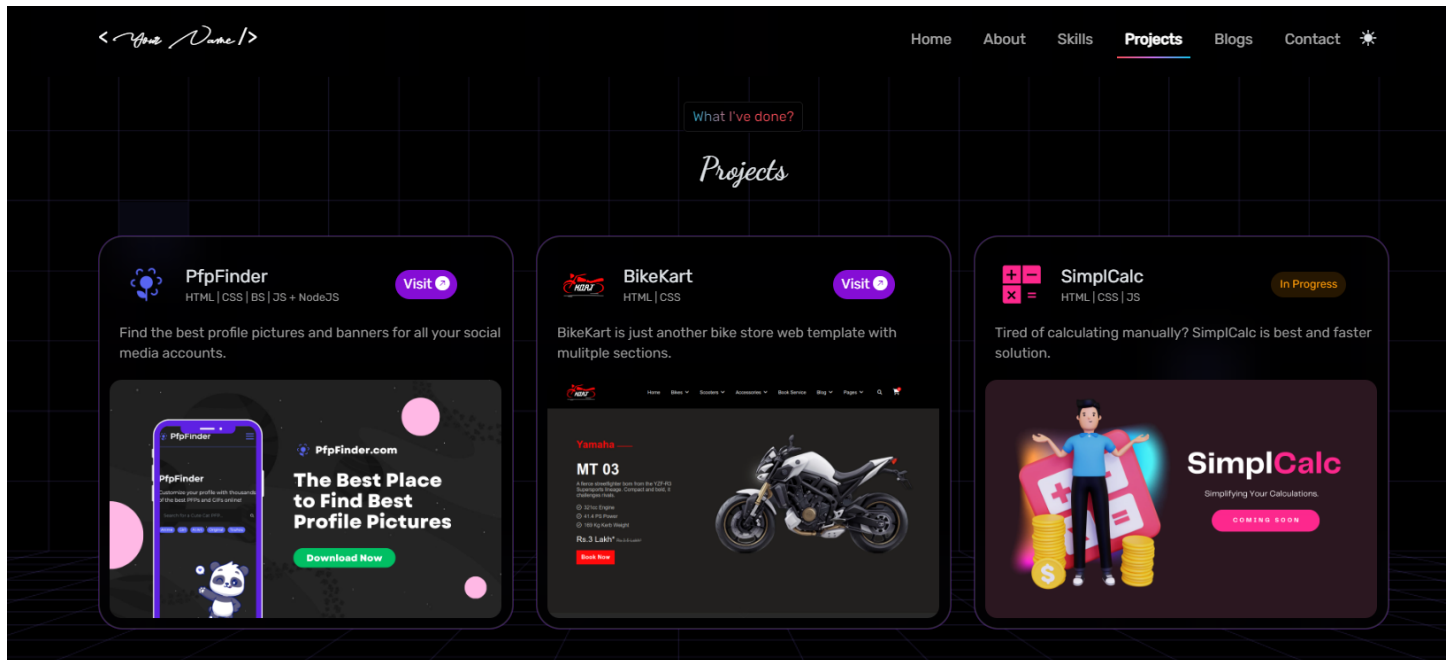
2- About section



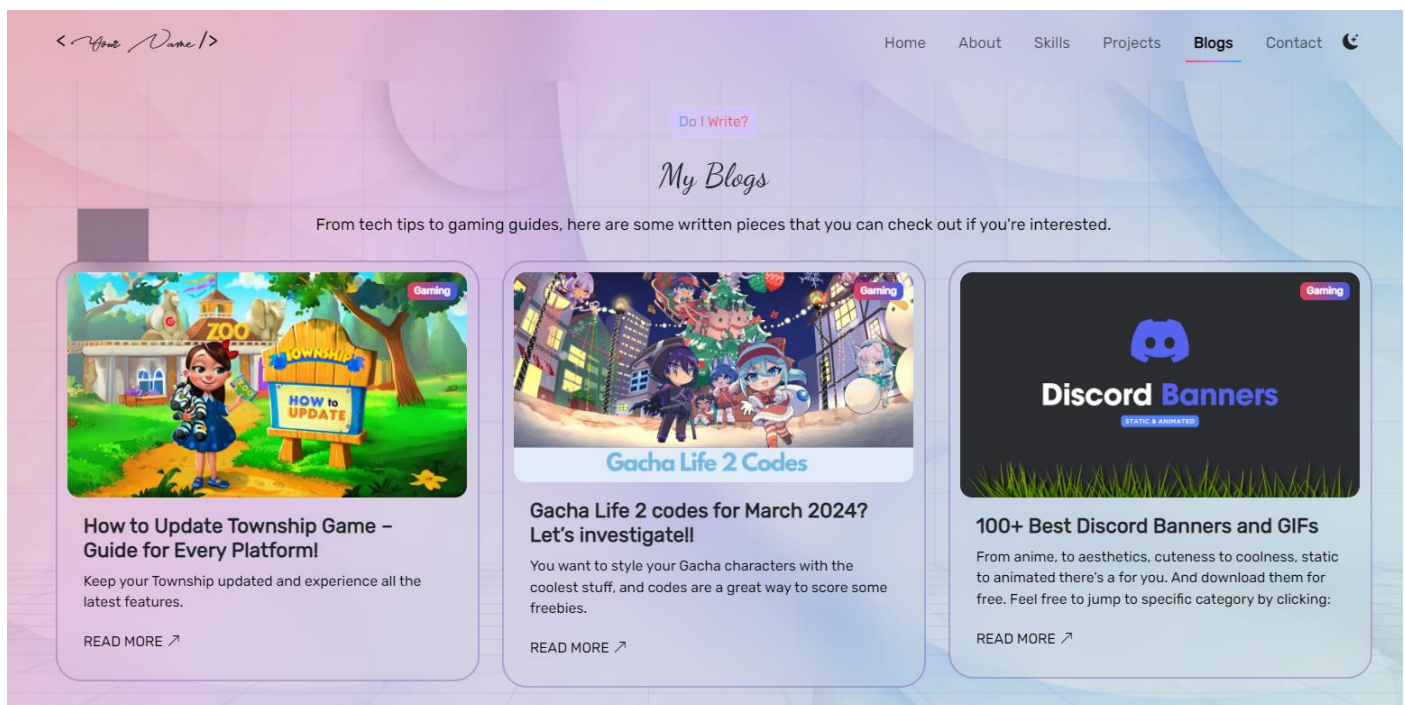
3- Section skills



4- Projects



5- Blogs section



6- Contact section.

The image shows a contact form on a dark-themed website. The background features a subtle grid pattern. At the top left is a logo with the text "< />". The top navigation bar includes links for Home, About, Skills, Projects, Blogs, and Contact (which is highlighted with a red underline). A small "What's next!" button is located above the main heading "Get In Touch". Below the heading is a line of text: "Interested in working together? We should schedule a time to chat. I'll bring the coffee." The contact form itself is a light gray rounded rectangle containing four input fields: "Name *" (with a red asterisk), "Email *" (with a red asterisk), "Subject *" (with a red asterisk), and "Your message *" (with a red asterisk). At the bottom of the form is a blue "Send Message" button with a right-pointing arrow.

Validate all fields within a form to ensure data integrity. This can be achieved using jQuery or JavaScript, which can display small red warning messages to alert users of any issues with their input. Do not keep default messages generated by the system and browser. Once the user confirms the accuracy of the data entered, it can be exported to a .txt file for further processing or storage. This process not only enhances the user experience by providing real-time feedback but also ensures the reliability and accuracy of the data being submitted.

When the user clicks on the submit button, open a popup containing two buttons, one for **Confirm** and the other for **Decline**. Display a message containing exactly this sentence: "Your name and first name front-end developer at LaSalle College sign this portfolio, do you want to confirm or decline the saving of your information?" If the user clicks confirm, a .txt backup file displaying all the user's information as well as your name and first name will be saved. If they click decline, all data will be erased, and the portfolio should close without leaving any traces of cookies on the user.

Evaluation Grid (For a total 20 points): Requirement 1

Element of competency: 00ST Responsive and flex container style and achieving the portfolio.					
Performance criteria	Highly satisfactory	Satisfactory	Unsatisfactory	Highly unsatisfactory	Total
2.1 Proper installation of software and libraries 2.2 Appropriate configuration of the version control system 2.3 Proper importing of the source code	20	08 – 15	1– 7	0	/20

Evaluation Grid (For a total 20 points) Requirement 2

Element of competency: 00ST Smooth scrolling with right jQuery code					
Performance criteria	Highly satisfactory	Satisfactory	Unsatisfactory	Highly unsatisfactory	Total
4.1 Appropriate use of markup language 4.2 Suitable creation and use of style sheets 4.3 Proper integration of images 4.4 Adaptation of the interface based on the display format and resolution	20	08 – 15	1– 7	0	/20

Evaluation Grid (For a total 10 points): Requirement 3

Element of competency: 00ST carousel with fluid in free and continuous scroll mode					
Performance criteria	Highly satisfactory	Satisfactory	Unsatisfactory	Highly unsatisfactory	Total
6-1 Correct					

CORRECTION GRID FOR LANGUAGE

Clear Communication	Clear Communication, most of the time	Vague Communication	Unclear Communication
- 0	- 0,5	- 1,5	- 2
(Word Choice) Use of precise and rich vocabulary	(Word Choice) Use of precise vocabulary	(Word Choice) Use of imprecise vocabulary	(Word Choice) Use of inappropriate vocabulary
- 0	- 0,5	- 1,5	- 2
(Format/Type of work) Respect of norms	(Format/Type of work) Respect of most of the norms	(Format/Type of work) Non-respect of the norms	(Format/Type of work) Inappropriate in relation to the required norms
- 0	- 0,5	- 1,5	- 2
(Linguistic Code) (≤2 mistakes / page)	(Linguistic Code) (3-7 mistakes/page)	(Linguistic Code) (8-10 mistakes/ page)	(Linguistic Code) (>10 mistakes/ page)
- 0	- 0,5 - 2.5	- 2.5 - 3.5	- 4