

## ICS4U FINAL SUMMATIVE

To meet the requirements for this course it is necessary to have a final summative. The completion of the task will be done primarily outside of class time, but it is expected that during these final days, development stops and wrap up be done.

### **PART I: Project Wrap-up**

An important part of working on a project is dealing with the necessary issues that will ensure the continued, or future, success of the project. To facilitate this, a Project Wrap Up Report will be submitted for each project, with the areas expected to be included in this report are outlined below, and only one copy is needed for the team.

#### 1. Project Overview (Max ½ page)

Title of project, names of members, and a short summary of what the project is.

#### 2. Project Reflection (Max 2 pages)

A detailed explanation of how your project met its goals. When you started the project, many different features and functionalities were outlined to you. Reflect on these as a group and explain how these goals were changed, satisfied, or were not satisfied and why. **You must use and reference your previous planning timelines, to-do lists and planning documents to help explain this reflection.**

#### 3. Project Documentation

As well as appropriate help documentation for users using the software you have created, also prepare clear and useful documentation that could be used:

- To administer the system  
(configuration, installation, year to year changes, etc)
- Effectively by others in future work on this project. This should include references to specific resources used for the project.  
(files, databases, specific tools you have created, etc.)

#### 4. Project Future (Max 1 page)

Having invested significant time in your project you should be able to provide future direction for this project. This may include issues of ongoing maintenance, with supporting documentation, as well as suggestions for future development work that could be done to improve the project, or to finish missing / undeveloped features.

**PART II: Personal Contribution to Project (Max 1 page)**

For this section you are to outline SPECIFIC work that you contributed to the project. Be sure to outline and directly reference parts of the project that you have been primarily responsible for.

Important topics: **Explain how you have:**

- Improved your programming concepts and skills, *specifically referencing complicated programming problems you have solved.*
- Demonstrated an ability to see the large scope of the project and plan properly.
- Demonstrated an ability to write programs that interoperate with the work of others (each working on different portions that interact).
- Interacted with your peers, co-operated to get work done on time, encouraged and motivated each other.

It is expected that you will be able to summarize each situation in a simple paragraph or two, but communication will also be considered, so you are free to come up with your own format that you feel suits your style. Remember that you are looking for ways that you have demonstrated how well you met each of these expectations. *This component is to be done independently from your partner's work.*

As well as your documentation, please provide all relevant files to your project, as well as an SQL dump (zipped) of your database.

Preferably in a format similar to:

```
/<PROJECT>/<PROJECT>-Project-Wrap-up.pdf  
/<PROJECT>/<INDIVIDUAL>-Personal Contribution.pdf  
/<PROJECT>/<INDIVIDUAL>-Personal Contribution.pdf  
/<PROJECT>/<INDIVIDUAL>-Personal Contribution.pdf  
/<PROJECT>/FILES-database.zip  
/<PROJECT>/FILES-PROJECT.zip
```

**Both parts of the summative and all supporting materials must be submitted by the end of class on January 25<sup>th</sup>, 2019**

(PLEASE NOTE: Interviews will be taking place during this final week, so please plan accordingly)