

SS3843 Final Project – First Component

Due: Monday, December 13th, 2021 at 8:30am

Note: Upload one PDF file to Gradescope for each group. Be sure to [include your group members](#) in the submission. You must correctly assign pages to “1: Overall” on Gradescope or you will lose one mark.

It is up to your group to determine the length of your report (8.5 x 11-inch standard letter paper, 12-point font, ¾ inch margins, double-spaced). It should be as short as possible while containing all the necessary information that addresses the points you want to make (i.e., write clearly, concisely, and informatively).

In addition to content/critical analysis, you will be marked on structure/organization, style, creativity, and mechanics (grammar, spelling and punctuation) to evaluate your written communication skills. Please see the rubric on the last page.

This report is worth 10% out of the total 25%.

Scenario:

You are a group of researchers that want to design and use a survey to investigate... something! Suppose you have “almost” unlimited resources (i.e., time and money) at your disposal – but not enough to take a census.

Part 1:

Answer the following questions and provide thorough reasons for your answers:

- What research questions (i.e., research topics) do you want to answer by developing and implementing this survey?
- What type of survey design will you use (e.g., random, stratified, etc.)? Why?
- Which professionals will you need to connect or work with to design and/or implement your survey?
- How will you administer your survey?
 - Describe in detail your target population, sampling frame, sampling population, sampling unit, observation unit, primary sampling units and secondary sampling units (last two - if needed).
 - Online, telephone, in-person? Other?
- Are you concerned about non-response in your survey? How will you try to prevent this?

Part 2:

Create a questionnaire for your survey that will help you answer your research topics. A minimum of three questions should be included – but feel free to use more if necessary.

Provide a summary explaining your reasoning for the questions (e.g., question order, type, etc.).

Part 3:

Consider your study through a critical Equity, Diversity, and Inclusion (EDI) lens from the initial framing of your research questions to the dissemination of results/findings. How will you ensure that your study integrates EDI considerations, where relevant?

Some critical questions taken from [NSERC's policies and guidelines](#) that you may want to consider, but are *by no means exhaustive*, are:

- Have you made assumptions regarding certain diversity factors? Are these based on empirical evidence?
- How will your research questions and the subsequent findings from your study apply to the needs or experiences of various groups? Who benefits from the findings and/or product developed? Have you considered which populations may experience significant unintended impacts (positive or negative) because of the planned research?
- What is your position relative to the context of the research problem or the subjects themselves? What biases related to identities, privileges and power imbalances could impact the study? How will they be mitigated?
- How will you ensure that the research participants reflect the diversity categories that are included in the research design?
- How will inclusivity be integrated into dissemination?

Part 4:

Now suppose that you no longer have “almost” unlimited resources. Is your survey still feasible? What changes (if any) to your survey design are necessary to implement it?

Evaluation Rubric

	EXEMPLARY	ACCOMPLISHED	DEVELOPING	BEGINNING
	4 Marks	3 Marks	2 Marks	1 Mark
Content/Critical Analysis	<ul style="list-style-type: none"> Excels in responding to assignment, and demonstrates mastery of course concepts & materials 	<ul style="list-style-type: none"> Responds appropriately to the assignment, demonstrates clear understanding of course concepts & materials 	<ul style="list-style-type: none"> Doesn't fully respond to the assignment, demonstrates some misunderstanding of course concepts & materials 	<ul style="list-style-type: none"> Doesn't respond appropriately to the assignment, disconnected from course concepts & materials
Structure/Organization	<ul style="list-style-type: none"> Paper flows logically to craft a cohesive argument Paragraphs clearly guide the reader through a progression of ideas Uses transitional sentences to develop strong relationships between ideas 	<ul style="list-style-type: none"> Generally well-constructed flow of ideas Paragraphs are ordered thoughtfully, each paragraph relates to central argument Transitional sentences create a logical progression of ideas 	<ul style="list-style-type: none"> Paper jumps from one idea to the next, lacking a clear structure Occasional connection of ideas between paragraphs Simple sequential rather than transitions based on logic 	<ul style="list-style-type: none"> Paper wanders from one idea to the next, making it difficult to distill the argument Limited connection of ideas between paragraphs Paragraphs may lack topic sentences or connection of ideas
Style	<ul style="list-style-type: none"> Displays a unique critical voice Chooses words carefully, for their precise meaning Demonstrates thorough and thoughtful editing & revision 	<ul style="list-style-type: none"> Displays a clear critical voice Uses words effectively, if too generally at times Demonstrates revision & editing 	<ul style="list-style-type: none"> Displays a critical voice that is generic or bland Sentence structure and word choice frequently too unfocused, wordy or confusing Minor revisions & editing 	<ul style="list-style-type: none"> Critical voice is unclear Simple, awkward, or monotonous sentence structure and word choices Minimal revisions & editing
Creativity	<ul style="list-style-type: none"> Exceptionally clever & unique in showing deep understanding 	<ul style="list-style-type: none"> Thoughtfully & uniquely presented Clever at times in showing understanding of material 	<ul style="list-style-type: none"> Few original touches enhance project to show some understanding of material 	<ul style="list-style-type: none"> Shows little creativity, originality and/or effort in understanding material
Mechanics	<ul style="list-style-type: none"> Almost entirely free of spelling, grammar & punctuation errors 	<ul style="list-style-type: none"> May contain a few spelling, grammar, or punctuation errors, but they don't impede understanding 	<ul style="list-style-type: none"> Several spelling, grammar, or punctuation errors that distract the reader 	<ul style="list-style-type: none"> Contains many spelling, grammar, or punctuation errors
Total = 20 marks (+1 mark for formatting)				