Task

You have been tasked to construct a proposal/specification for a project. The topic of your proposal is up to you (although a default is provided below).

## Your proposal/specification must include at the minimum:

* A high-level description of your project
* A report intended audience and use
* You must include sketches if your project/challenges are interactable in digital or physical space.
  + Sketches will imply how a product be framed or look like when it is released
  + How it is expected to be solved
  + How it interlinks with your whole system.
* Lightweight process diagramming (boxes and arrows) of how the critical parts of your project will work
* Project Story Cards of your project
* Story Cards should be quoted for Must | Should | Could have
* You do not have to quote time to complete or complexity

## Project Proposal

You can choose to build any project. However, you are greatly restricted on time and resources. Resources may be able to be acquired, but due to covid/global shortages/etc., this is not dependable. Time is limited, as semester finishes early, and we have 3 hours 40 minutes each week.

The default project is to construct an alternative reality game (ARG) combined with a capture the flag (CTF) to make something between an ARG and a scavenger hunt. Your project must contain multiple challenges that require programming to solve but can also allow for puzzles or riddles that don’t. Eventually your ARG/CTF/Scavenger-hunt will be deployed on CTFd (cbrc.ctfd).

You may negotiate a deviation from the default with your classroom teacher.

## Submission Guide

### Learning tasks

At the minimum:

* A specification document
* Feel free to add anything else you want

### Learning deliverables

* A short description of your project.
* A description of the indented audience and use
* Sketches/Process diagramming
* Story Cards