

# CS 30: RPG Inventory Checklist (25 marks)

## Nested Dictionary (9 marks)

- ☐ There are dictionaries for at least one of the following: characters, inventory, location
- ☐ At least one dictionary is nested
- ☐ Each item has at least one description
- ☐ Each character with their descriptions are printed out in a statement
- ☐ Each inventory item with their descriptions are printed out in a statement
- ☐ Each location with their description is printed out in a statement
- ☐ The items are printed out are organized and easy to read
- ☐ Either characters, inventory, location, or other nested dictionary is accessible from the menu
- ☐ The menu works properly

## Testing Code (2 marks)

- ☐ Each list command is printed to verify it performs properly
- ☐ All the items in each list are printed out in sentences using f-strings at least once

## Organizing Lists<sup>1</sup> (3 marks)

- ☐ Each type of item is organized into a separate list
- ☐ Each list has a meaningful name
- ☐ Your program has at least two lists

## Version Control (2 marks)

- ☐ The Python file was published properly to GitHub
- ☐ All Git commits have meaningful messages to describe the changes

## Python Style Guide (9 marks)

- ☐ The program follows the Python Style Guide Rules for Indentation
- ☐ The program follows the Python Style Guide Rules for White Spaces

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<sup>1</sup> For example:

If you were making a text-adventure based on the board game, Clue, you would organize the items into 3 lists: suspects, weapons, and rooms.

- ☐ The program follows the Python Style Guide Rules for Line Length
- ☐ Paired brackets are visually aligned
- ☐ Filename relates to your topic (and includes the file extension)
- ☐ The program includes a header
- ☐ Comments for at least blocks of code that belong together
- ☐ Comments do not exceed the line limit of 79 characters
- ☐ Comments clearly explain code