Data Analytics

Week 1: Python Project
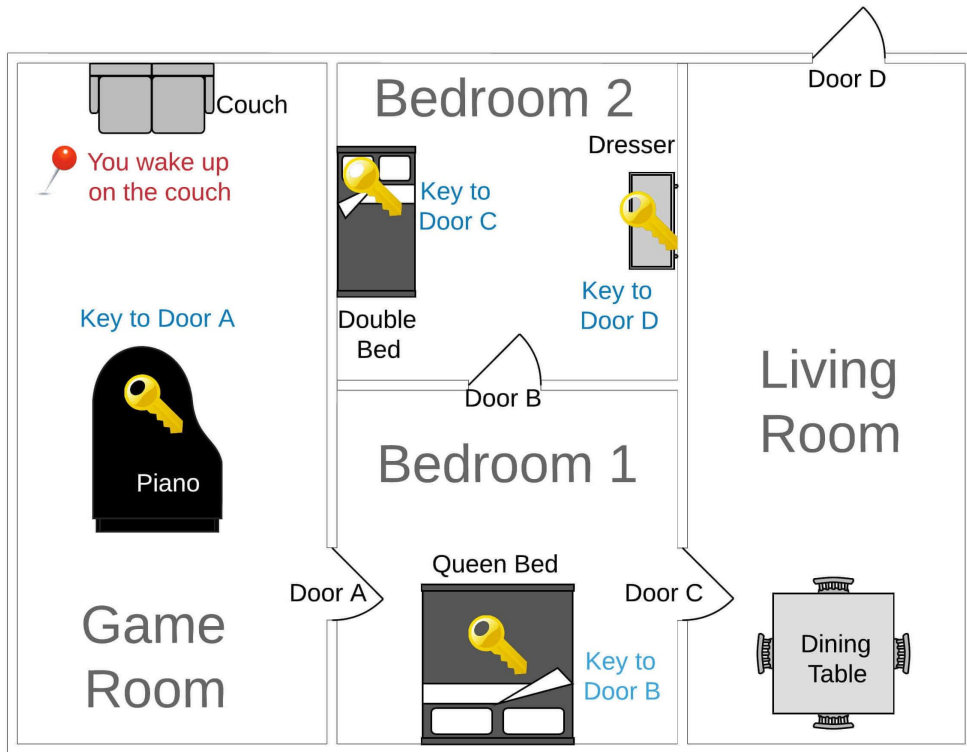
Team Caseiro

Project Scope

Given Template

- Map
- Story
- Sample code for one room

Initial Problem

- Escape the entire apartment
- Ensure code doesn't break

Initial Improvements

- Add all the variables to the dictionary
- Update relations between objects / rooms

- Ensure game variables are reset when played multiple times
- Better spacing and readability of text
  - Add map for better user experience
- Add option to list current items

```
You wake up on a couch and find yourself in a strange house with no windo
don't remember why you are here and what had happened before. You feel so
t get out of the house, NOW!
You are now in game room
What would you like to do? Type 'explore' or 'examine'? explore
You explore the room. This is game room. You find couch, piano, door a
You are now in game room
What would you like to do? Type 'explore' or 'examine'? examine
What would you like to examine? piano
You examine piano. You find key for door a.
You are now in game room
What would you like to do? Type 'explore' or 'examine'? examine
What would you like to examine? couch
You examine couch. There isn't anything interesting about it.
You are now in game room
What would you like to do? Type 'explore' or 'examine'? examine
What would you like to examine? door a
You examine door a. You unlock it with a key you have.
Do you want to go to the next room? Enter 'yes' or 'no': yes
You are now in bedroom 1
What would you like to do? Type 'explore' or 'examine'? explore
You explore the room. This is bedroom 1. You find door a, door b, door c,
You are now in bedroom 1
What would you like to do? Type 'explore' or 'examine'? examine
What would you like to examine? door b
You examine door b. It is locked but you don't have the key.
You are now in bedroom 1
What would you like to do? Type 'explore' or 'examine'? examine
What would you like to examine? door b
You examine door b. It is locked but you don't have the key.
You are now in bedroom 1

What would you like to do? Type 'explore' or 'examine'? |
```

New Features

Part II

- Check the weather before going outside
- Collect additional item dependant on the weather

Improvements

- Add password to skip to end of game for easier testing
- Started with random generator of weather, switched to numeric user input
- Fix looping of weather flow not exiting the game