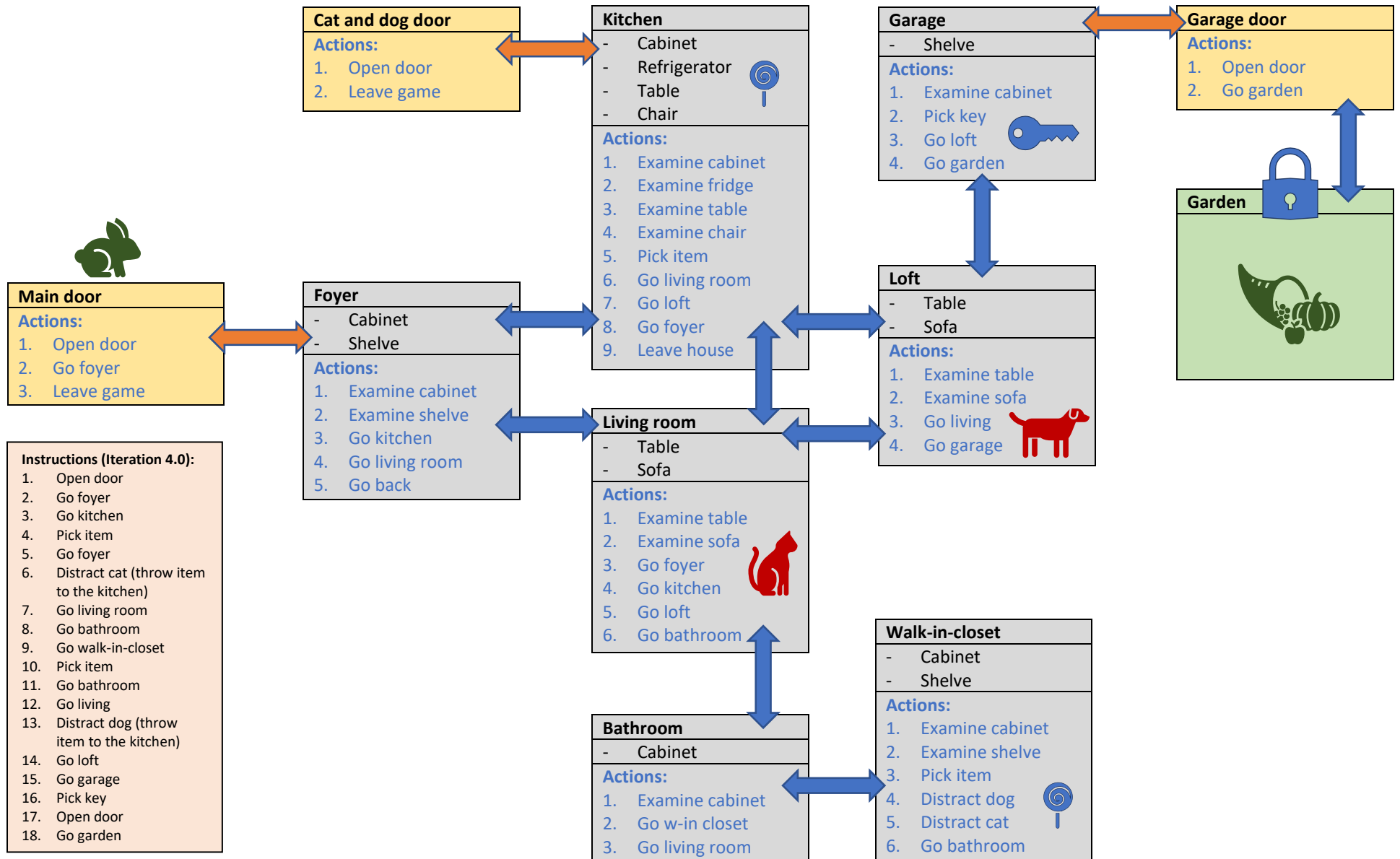


CONSOLE-BASED APPLICATION: GAME DEVELOPMENT APPROACH

Name: Key Quest

Concept: Rabbit came to a house to find a key to open the garden to get a carrot. Rabbit cannot be in the same room with a dog or cat.

Story: Rabbit needs to distract a cat and a dog to find a key. Rabbit can hold two items at a time.



CHARACTERS

Name	Initial location	Actions
Rabbit	Outside of the house	Go / run Pick item Play Eat Open door Examine Distract
Cat	Living room	Go / run Eat Play
Dog	Loft	Go / run Eat Play

ITEMS

Item	Room	Location
Key	Garage	Shelve
Carrot	Garden	
Cucumber	Kitchen	Fridge
Chicken drumstick	Kitchen	Fridge
Leather shoe	Walk-in-closet	Shelve
Ball of wool	Walk-in-closet	Shelve

ROOMS

Name	Furniture	Item
Foyer	Cabinet Shelve	
Kitchen	Cabinet Refrigerator Table Chair	Cucumber Chicken drumsticks
Living room	Table Sofa	
Bathroom	Cabinet	
Walk-in-closet	Cabinet Shelve	Leather shoes Ball of wool
Loft	Table Sofa	
Garage	Shelve	Key

DOORS

Name	Location
Main door	Foyer
Cat and dog door	Kitchen
Garage door	Garage

ITERATION 1.0



Instructions (Iteration 1.0):

1. Open door
2. Go house
3. Leave game

Main door

Actions:

1. Open door
2. Go house
3. Leave game

House



ITERATION 2.0



Instructions (Iteration 2.0):

1. Open door
2. Go house
3. Pick key
4. Go garden

Main door

Actions:

1. Open door
2. Go house
3. Leave game

House

Actions:

1. Pick key
2. Go garden



Garden



ITERATION 3.0



Main door

Actions:

1. Open door
2. Go house
3. Leave game

Instructions (Iteration 3.0):

1. Open door
2. Go house
3. Go kitchen
4. Pick item
5. Go foyer
6. Distract cat (kitchen)
7. Go living room
8. Pick key
9. Go garden

Foyer

- Cabinet
- Shelve

Actions:

1. Examine cabinet
2. Examine shelve
3. Go kitchen
4. Go living room
5. Go back

Kitchen

- Cabinet
- Refrigerator
- Table
- Chair



Actions:

1. Examine cabinet
2. Examine fridge
3. Examine table
4. Examine chair
5. Pick item
6. Go living room
7. Go foyer
8. Leave house

Cat and dog door

Actions:

1. Open door
2. Leave game

Living room

- Table
- Sofa



Actions:

1. Examine table
2. Examine sofa
3. Go foyer
4. Go kitchen
5. Go garden



Garden

