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IT-140

**Storyboard Description and Map**

As you enter the abandoned estate of Sir Charles Poptart, you realize that the mansion is infested with huge arachnids. In order for you to acquire the legendary necklace of Sir Poptart you must rid the filthy beasts of the lands. You must locate the SlayerSword from the study, a set of the knights armor to protect yourself from the spiders, a potion from the bedroom for health, a flamethrower from the trophy room for clearing nests on the way to the King of the Arachnids, finally, you need an elixir for stamina which is in the guest room. You need to locate and acquire all items to become victorious.

Diagram, Teams

Description automatically generated

**Pseudocode/Flowchart for Code to “Move Between Rooms”**

Simple move commands: go North, go East, go South, go West.

**Pseudocode/Flowchart for Code to “Get an Item”**

Inventory add: get ‘item\_name.’

**Pseudocode/Flowchart**

Collect 6 items in order to defeat the King of the Arachnids and win the game.

Move commands: go North, go East, go South, go West.

Add to inventory: get ‘item name’

You are in the Long Hallway

Inventory:[EMPTY]

Enter your move:

Go North

You are now in the bedroom

Inventory: [EMPTY]

You see a Potion

Enter your move:

Get Potion

Potion acquired!

You are in the bedroom

Inventory: [POTION]

Enter your move:

Go East

You are now in the bathroom

Inventory: [POTION]

You see a shield

Enter your move

Get Shield

You are in the bathroom

Inventory: [POTION, SHIELD]

Enter your move:

Go South

You are now in the Long Hallway

Inventory: [POTION, SHIELD]

Enter your move:

Go West

You are now in the study

Inventory: [POTION, SHIELD]

You see the SlayerSword

Enter your move

Get SlayerSword

SlayerSword acquired!

You are in the study

Inventory: [POTION, SHIELD, SLAYERSWORD]

Enter your move

Go East

You are now in the Long Hallway

Inventory: [POTION, SHIELD, SLAYERSWORD]

Enter your move:

Go South

You are now in the guest room

Inventory: [POTION, SHIELD, SLAYERSWORD]

You see an elixir

Enter your move:

Get Elixir

Elixir acquired!

You are in the guest room

Inventory: [POTION, SHIELD, SLAYERSWORD, ELIXIR]

Enter your move:

Go North

You can’t go that way!

Go East

You are now in the attic

Inventory: [POTION, SHIELD, SLAYERSWORD, ELIXIR]

You see armor

Enter your move:

Get Armor

Armor acquired!

You are in the attic

Enter your move:

Go West

You are now in the guest room

Inventory: [POTION, SHIELD, SLAYERSWORD, ELIXIR]

Enter your move:

Go North

You are now in the Long Hallway

Inventory: [POTION, SHIELD, SLAYERSWORD, ELIXIR]

Enter your move:

Go North

You are now in the trophy room

Inventory: [POTION, SHIELD, SLAYERSWORD, ELIXIR]

You see the flamethrower

Enter your move:

Get flamethrower

Flamethrower acquired!

You are in the trophy room

Inventory: [POTION, SHIELD, SLAYERSWORD, ELIXIR, FLAMETHROWER]

Enter your move

Go North

You are in the basement

Oh no!!!!!!

Inventory: [POTION, SHIELD, SLAYERSWORD, ELIXIR, FLAMETHROWER]

You see the Arachnid King

You have collected all items needed to defeat the King

Congratulations! You have defeated the Arachnid King and acquired the treasure of Sir Charles Poptart.

Thank you for playing. I hope you enjoyed it.