

Textual Data Files Document - Text Adventure Game

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Github Link: <https://github.com/jasdeepsekhon/PYTHON-PROJECT-TEXT-BASED-GAME>

How program messages, rooms, items and characters:

Text Adventure Game will have connections to different rooms in our map that we created in the Storyline Document.

In order to go to a specific location on the map, the characters will have to say “go to” and then enter the location they’d like to go to. Of course in order to go to specific locations such as school you must first go through the main yard, and there's certain locations where you will encounter new characters or run into obstacles before entering your location of choice. In order to use each of the items with their respective actions:

Items	Actions
Magic Wand	<ul style="list-style-type: none">• <i>Use</i> Magic Wand• <i>Strike</i> Magic Wand
Black Magic Books	<ul style="list-style-type: none">• <i>Open</i> Black Magic Book• <i>Read</i> Black Magic Book
Daggers	<ul style="list-style-type: none">• <i>Take</i> Dagger• <i>Conceal</i> Dagger• <i>Strike</i> Dagger• <i>Throw</i> Dagger
Potions	<ul style="list-style-type: none">• <i>Use</i> potion• <i>Conceal</i> Potion
Keys	<ul style="list-style-type: none">• <i>Use</i> keys
Chests	<ul style="list-style-type: none">• <i>Open</i> chests

Invisibility Cloaks	<ul style="list-style-type: none"> ● <i>Use</i> Invisibility Cloak
The Marauder's Map	<ul style="list-style-type: none"> ● <i>Open</i> Marauders map ● <i>Read</i> Marauder's map
Food	<ul style="list-style-type: none"> ● <i>Eat</i> food
Time Stopper	<ul style="list-style-type: none"> ● <i>Use</i> Time Stopper

There's no specific way to "bring" characters into the game, rather they will come in the storyline naturally. So when Harry encounters Ron it's because he was walking back from School and he saw him in the forbidden forest. Then you can decide to "go to forbidden forest". Where you approach Ron and he also introduces another character named Draco Malfoy who is his nemesis. Harry helps his friend, and messes up a spell. He decides to run back to his room, this is where Severus Snape is introduced and Harry can either hurt him or tell him what happens. He can also run into Hermoine on his way back who he can convince to join him. As Hermione tags along, many characters can get introduced along the way. I'll make a table to make this look more easier to understand:

Actions	Consequences
Go into Forbidden Forest	<ul style="list-style-type: none"> - Meet Ron Weasley - Do forbidden spell on Ron changing his face
Decide to go back to Room to help Ron OR continue attempting spells	<ul style="list-style-type: none"> - Go back to Hogwarts try to find potions, spells <p>OR</p> <ul style="list-style-type: none"> - Harry decides to go against Ron and turns away from him to make Professor Snape aware of Ron's actions.
Harry goes against Ron	<ul style="list-style-type: none"> - Ron is angered that his friend could betray him like this and casts a spell on

	Harry causing him to fall to the ground
Harry cast spell hurting Ron	<ul style="list-style-type: none"> - Harry grabs his wand, and casts a spell hurting Ron back and Ron falls down.
Stopped by Professor Severus Snape who performs a truth spell forcing Harry to confess his actions.	<ul style="list-style-type: none"> - Harry can either grab a dagger and hurt Snape or work with Snape to capture Ron Weasley. - If Harry decides to hurt Snape he can also grab Snape's potions from his pockets to help Ron with his spells. <p>OR</p> <ul style="list-style-type: none"> - Harry tells Snape what happened. Snape grabs Harry by the neck and drags him to Dumbledore who questions Harry
Harry tells Truth to Dumbledore	<ul style="list-style-type: none"> - Dumbledore and Snape encourage Harry to go back to the Forest to stop him from doing black magic.
Harry runs back to Forest	<ul style="list-style-type: none"> - approached by Hermione who urges Harry to help Ron as he is his friend - Harry can either go to Professor McGonagall and help stop Ron from pursuing any actions that can hinder his academic and personal development or join Hermione in helping Ron.
Run back to Forest after grabbing Potions from Severus Snape	<ul style="list-style-type: none"> - approached by Hermione who urges Harry to go back to Professor McGonagall's office and let him know what Ron is doing, or she will have to go to the professor herself.
Harry can either go to Professor McGonagall and help stop Ron from pursuing any actions that can hinder his academic and personal development or convince Hermione to join him	<ul style="list-style-type: none"> - Harry tells Hermione what Malfoy did, and Hermione decides to grab her books from her room to help Harry and Ron

	<p>on their conquest to punish Malfoy for his wrongful actions.</p> <ul style="list-style-type: none"> - Harry and Hermione decide to grab weapons to protect themselves from anything that may happen to them in the forest. - They grab more potions, knives, swords and an invisibility cloak from professor McGonoagall's closet. - Hermione decides to go through the library to find books on reversing spells in case something goes wrong.
Head back to Forest	<ul style="list-style-type: none"> - Forest begins attacking them
Reverse spell	<ul style="list-style-type: none"> - As they try to reverse the spell that was casted on Ron earlier, a figure begins to appear in the forest. It is Voldemort - They now must use magic and their weapons to defeat him
Open magic book	<ul style="list-style-type: none"> - Open a magic book, look at how to reverse spells. Reverse spell = defeat Voldemort as he is returned to the dark place he came from.

File Structure:

Rooms	Items	Characters	Actions
<ul style="list-style-type: none">• Forest• Quidditch Field• Potions Class• School• Main Yard• Gryfindor dorm• Hospital• Cafeteria• Bathroom/Dark Magic	<ul style="list-style-type: none">• Magic Wand• Black Magic Books• Daggers• Potions• Keys• Chests• Invisibility Cloaks• The Marauder's Map• Food• Time Stopper	<p>Students:</p> <ul style="list-style-type: none">• Harry Potter• Hemoine Granger• Ron Weasley• Draco Malfoy <p>Professors:</p> <ul style="list-style-type: none">• Professor Dumbledore• Professor Severus Snape• Professor McGonagall <p>Final Boss:</p> <ul style="list-style-type: none">• Voldemort	<ul style="list-style-type: none">• Take• Drop• Read• Use• Throw• Wield• Conceal• Strike• eat

Dynamic vs Static:

Functionality from code to data: