

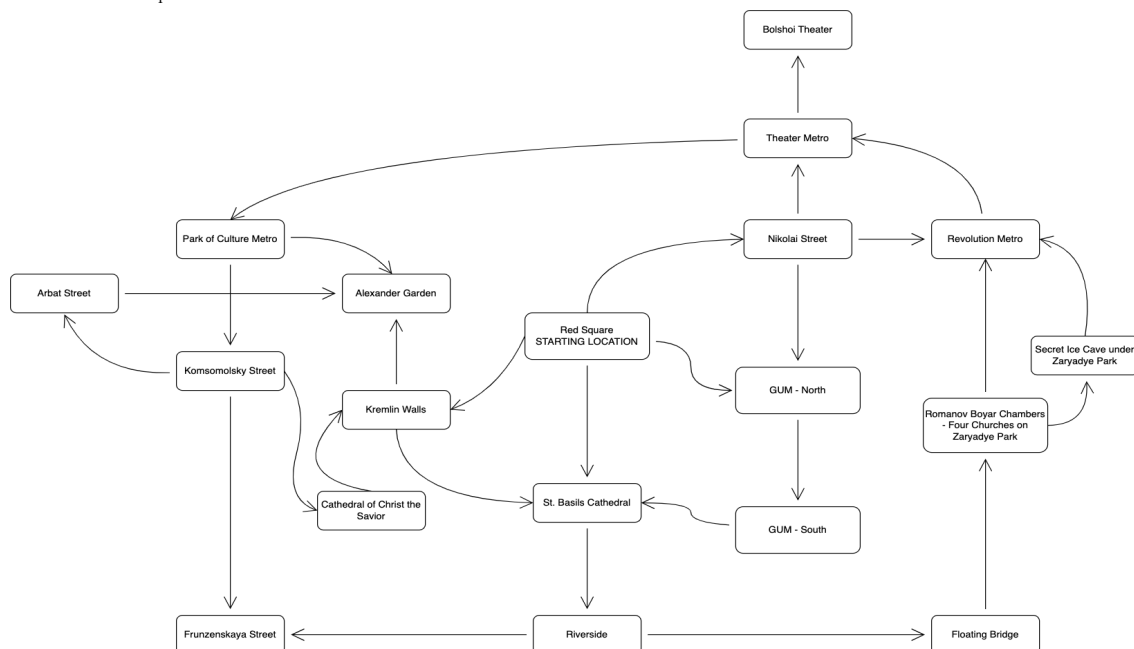
Name	Purpose	Methods	Instance Variables
Main	To use input stream to get information and give commands to the player. if player has enough points, win the game	Main Win Game isCommand	TextFiles data paths points req.
Player	location inventory	move to different room Get Items use item look around command helper	Commands currRoom currItem
Room	Store necessary info about a specific room.	only 1 Constructor Get room neighbor N, E, S, W Get room description get room name get room items	Neighbors<> description name items objectives
Item	Store necessary info about a specific Item.	get item name print item description isInReqRoom useItem	name description requiredRoom
PathFinder	Used for the <i>route</i> command, to find the best path to reach a known destination, using BFS	FindRouteFromTo	ExploredRooms
AdventureTester	Use an already created text stream instead of user input to play the game and test the code		InstructionsFilePath

Main Programs Task in Pseudocode:

with the text files, initialize all rooms, items, and goals

Greet player,
Say the starting time is 6:00 PM.
use help command to write all possible commands user can write.
use look around command to show the current room you start in.

start command loop, until win or quit
if win, print win statements



My Adventure: - Plot

You must complete at least these three challenges

Give girl ice cream

Take a photo on floating bridge

Play concert at Bolshoi Theater with Balalaika

Explaore Cave in Zaryadye Park

Go Home to Frunzenskaya

Items:

- Ice Cream
- Coin
- Balalaika

Rooms:

1. Red Square - **Starting Location**
2. St. Basils Cathedral
3. Kremlin Walls
4. Riverside
5. Floating Bridge - **Must Visit**
6. Romanov Boyar Chambers - Four Churches on Zaryadye Park
7. Zaryadye Park Underground Ice Cave - **Must Visit**
8. GUM South - **Ice Cream**
9. GUM North
10. Nikolai Street
11. Theater Metro - **Unlocked With Coin**
12. Revolution Metro - **Unlocked With Coin**
13. Park of Culture Metro - **Unlocked With Coin**
14. Komsomolsky
15. Frunzenskaya Street - **Ending Location**
16. Bolshoi Theatre - **Concert with Balalaika**
17. Alexander Garden
18. Arbat street - **Balalaika Location**
19. Cathedral of Christ the Savior - **Coin Location**

Taks:

- *Pick up Coin from Cathedral
- *Use coin to unlock all Metros
- Explore the Ice Cave in Zaryadye Park
- Take a photo on the Floating Bridge
- Pick up Ice Cream from GUM - South
- Deliver Ice Cream to a girl on Alexander Garden
- Buy Balalaika from Arbat Street
- Deliver Balaika to Bolshoi Theater
- Go Home to Frunzenskaya Street