

~\OneDrive - St Paul's Catholic College\Documents\2D Strategy Game -
Liberator\Assets\Scripts\Movement\PosPath.cs

```
1 using System.Collections;
2 using System.Collections.Generic;
3 using UnityEngine;
4
5 public class PosPath : MonoBehaviour, IAdjacentFinder
6 {
7     EvaluateHex checkHex = new IfItIsOptimalPath(); // select option to find out the
    optimal path
8
9     public void GetAdajacentHexesExtended(HexData initalHex)
10    {
11        // collect hexes to select new link of optimal path chain
12        List<HexData> neighboursToCheck = NeighboursFinder.GetAdjacentHexes(initalHex,
    checkHex);
13        foreach (HexData hex in neighboursToCheck)
14        {
15            // compare distances between two hexes
16            if (hex.distanceText.EvaluateDistance(initalHex))
17            {
18                OptimalPath.nextStep = hex; // save the hex included in optimal path
19                break;
20            }
21        }
22    }
23 }
24
```