**Classification**

Python project. currently working with 3.7 version

*Libraries \ modules:*

* *heapdict*

*Program code overview:*

* Main:
* Entities:
* Graph
* Node
* Algorithms:
* UCS
* IDS
* Astar
* IDASTAR
* BiAstar
* Data Structures:
* Priority queue – using heapdict
* Hashtable – using unsorted dictionary(python)
* Heuristics:
* Total moves heuristic
* Utilities:
* Read file
* Write files - results
* Calculate run statistics.