

StockBot

Welcome to StockBot, the simple warehouse management system!
Press Next to begin configuration.

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Grid Configuration

Rows:

Columns:

Configure the size of your warehouse grid.
Larger grids can represent bigger warehouses but may be slower.

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Basic Operations Guide

StockBot Basic Operations:

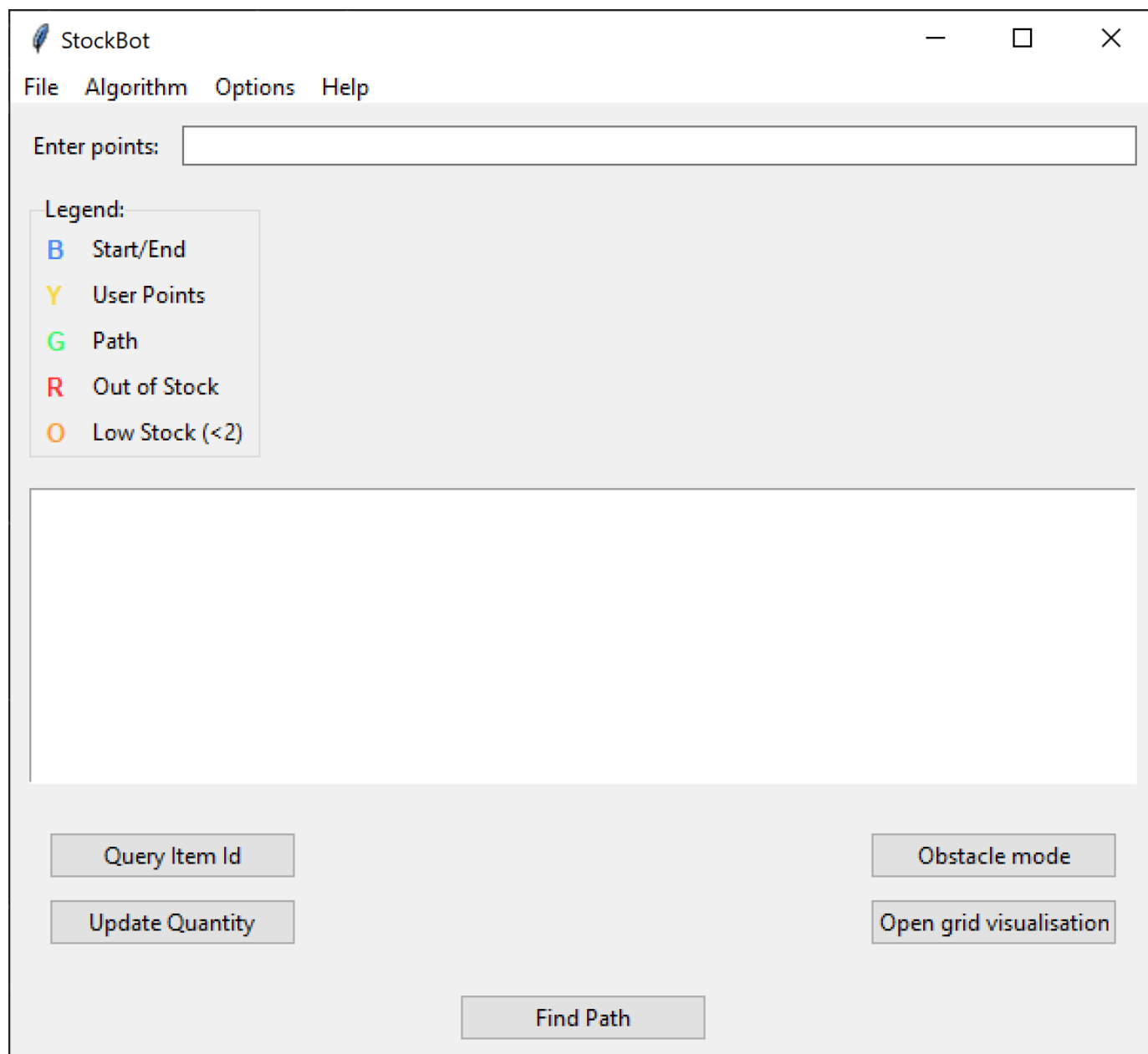
1. Find Path: Click "Find Path" to calculate the optimal route through all added points.
2. Obstacle mode: Add an obstacle to the grid.
3. Open grid visualisation: Open the visualisation window to see the path.
4. Query Stock: Check the current stock level at a specific position.
5. Update Stock: Modify the stock quantity at a specific position.


Change the algorithm and the genetic optimisation using the top bar.

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 StockBot

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FileAlgorithmOptionsHelp

Enter points:

Legend:

B

Start/End

Y

User Points

G

Path

R

Out of Stock

O

Low Stock (<2)

Total path length: 18 steps

Point order was optimised for shortest path

Path: 1 -> 2 -> 3 -> 4 -> 5 -> 6 -> 7 -> 8 -> 9 -> 19 -> 29 -> 39 -> 49 -> 59 -> 69 -> 79 -> 89 -> 99 -> 100

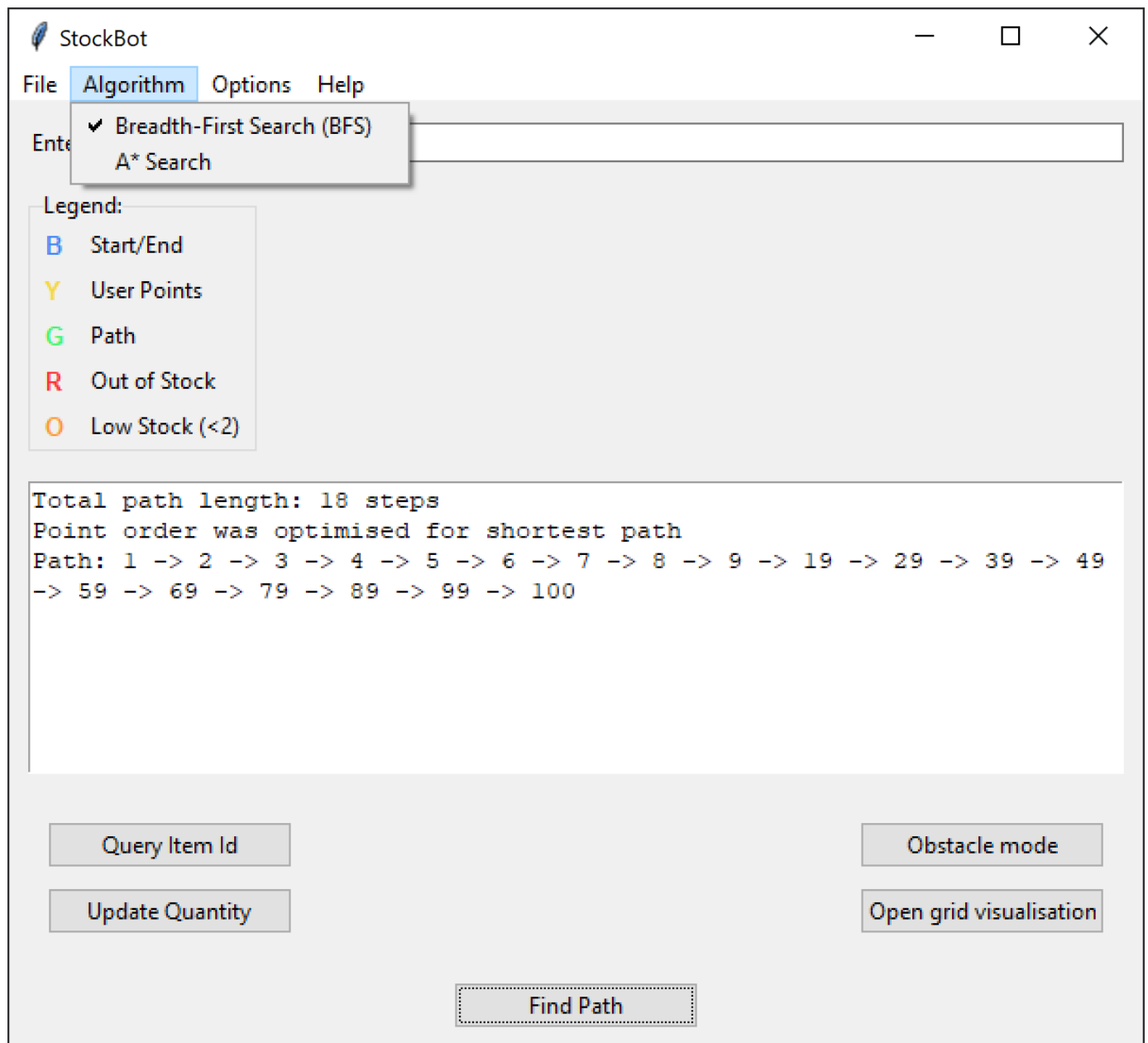
Query Item Id

Obstacle mode

Update Quantity

Open grid visualisation

Find Path





Quer...



Enter position number:

Query



Path visualisation



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Path visualisation



1	2	3	4	5	6	7 Qty: 0	8	9 Qty: 1	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100