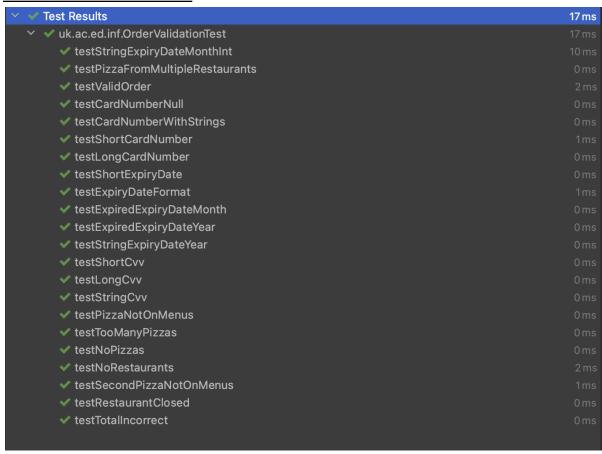
Test Results

Order Validation Test Results



Path Finder Functional and Combinatorial Test Results

✓ Test Results	17 ms
✓ wk.ac.ed.inf.LngLatHandlerTest	17 ms
✓ testDistanceTo	9 ms
✓ testisCloseTo	0 ms
✓ testIsNotCloseTo	1ms
✓ testIsInCentralArea	0 ms
✓ testIsOutCentralArea	1ms
✓ testIsInRegion	0 ms
✓ testIsInRegionEdge	0 ms
✓ testIsInRegionCorner	0 ms
✓ testIsInRegionTriangle	0 ms
✓ testIsInRegionTriangleEdge	1ms
✓ testIsOutRegionTriangle	0 ms
✓ testIsInRegionPentagon	1ms
✓ testIsInRegionPentagonEdge	1ms
✓ testIsInRegionHexagon	0 ms
✓ testIsInRegionHexagonEdge	0 ms
✓ testIsOutOfRegion	
✓ testNextPosition	1ms
✓ testIsInRegionTriangleCorner	
✓ testIsInRegionPentagonCorner	
✓ testIsInRegionHexagonCorner	

Path Finder Manual Tests Results

Across No Fly Zone	Passed
From Restaurant to Central Area	Passed
From Central Area to Appleton	Passed
Start in No-Fly Zone	Passed
End in No-Fly Zone	Passed

Rest API Integration Test Results



System Test Results

Date	Pass/Fail
2023-11-11	Passed
2023-11-12	Passed
2023-11-13	Passed
2023-11-14	Passed
2023-11-15	Passed
2023-11-16	Passed
2023-11-17	Passed
2023-11-18	Passed
2023-11-19	Passed
2023-11-20	Passed

Performance Test Results

Date	Time taken to run (s)	Pass/Fail
2023-11-11	6.824	Passed
2023-11-12	6.673	Passed
2023-11-13	6.630	Passed
2023-11-14	6.635	Passed
2023-11-15	7.491	Passed
2023-11-16	7.578	Passed
2023-11-17	6.498	Passed
2023-11-18	6.523	Passed
2023-11-19	6.620	Passed
2023-11-20	6.571	Passed

Branch Coverage

✓	42% (3/7)	35% (12/34)	44% (192/436)	55% (98/178)
GetClient	100% (1/1)	100% (6/6)	83% (31/37)	100% (4/4)
C LngLatHandler	100% (1/1)	100% (5/5)	90% (40/44)	75% (27/36)
© Node	0% (0/1)	0% (0/11)	0% (0/16)	100% (0/0)
OrderController	0% (0/1)	0% (0/1)	0% (0/91)	0% (0/8)
OrderValidation	100% (1/1)	50% (1/2)	99% (121/122)	93% (67/72)
© PathFinder	0% (0/1)	0% (0/8)	0% (0/117)	0% (0/58)
WriteToFile	0% (0/1)	0% (0/1)	0% (0/9)	100% (0/0)

Ones with zero were where I didn't intend for full coverage and therefore didn't test for it.