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Appendices

Table 5. Testing Result 1

Scenario	**Same floor, same building**	**Different floor, same building**	**Same floor, different building**	**Different floor, Different building**
query location	A101A	TA1-2	B109	A101A
Destination Object	Service Room	Musholla	Service Room	Laboratory
Result	A112	MA	A203A	B203
Distances	71.367 meters	99.79 meters	149.07 meters	189.639 meters
Time Execution				
Dijkstra	2.362s	0.86s	1.502s	8.935s
Floyd Warshall	1.342s	1.338s	1.332s	1.43s

Table 6. Testing Result 2

Scenario	**Same floor, same building**	**Different floor, same building**	**Same floor, different building**	**Different floor, Different building**
query location	IF1.02.08	IF1.01.05	A105	IF1.03.05
Destination Object	Kitchen	Classroom	Meeting Room	Residency
Result	IF1.02.11	IF1.03.04	IF1.01.08	B203
Distances	30.48 meters	42.75 meters	333.711 meters	168.74 meters
Time Execution				
Dijkstra	0.326s	21.975s	4.03s	0.829s
Floyd Warshall	1.349s	1.385s	1.424s	1.485s