

SYSC 3303

Project Iteration 4

Time Measurements and Timing Diagram

Raw data from Scheduler output in nanoseconds:-

Arrival Sensor Interface	Elevator Buttons Interface	Floor Buttons Interface
1295400	1959200	801160
975500	2341600	490100
851600	2758600	668500
4147100	2202400	535000
1165800	2419300	
1717200	2429600	
3302400	2484100	
2408700	2212600	
1215900	2131700	
2315600	2471300	

Task	Period (Mean in Nanoseconds)	Variance (10^{12})
Arrival Sensor Interface	1939520	1.1991
Elevator Buttons Interface	2341040	0.0501
Floor Buttons Interface	623690	0.0197

Timing Diagram:

