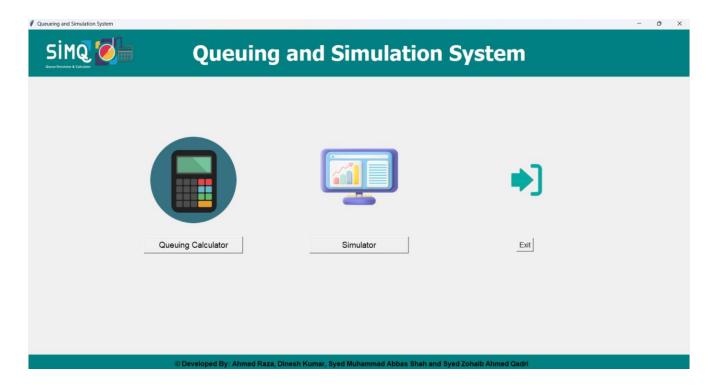
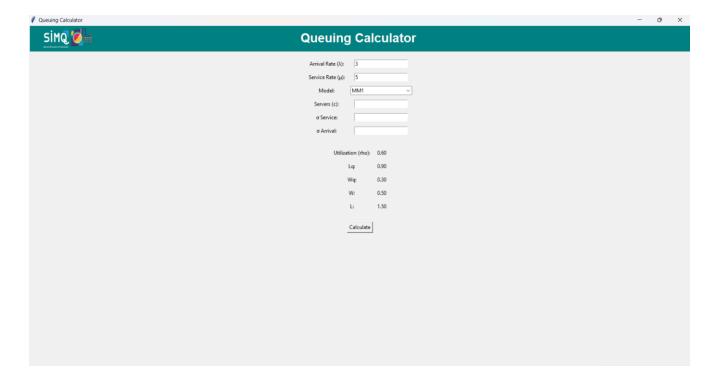
PROJECT SCREENSHOTS

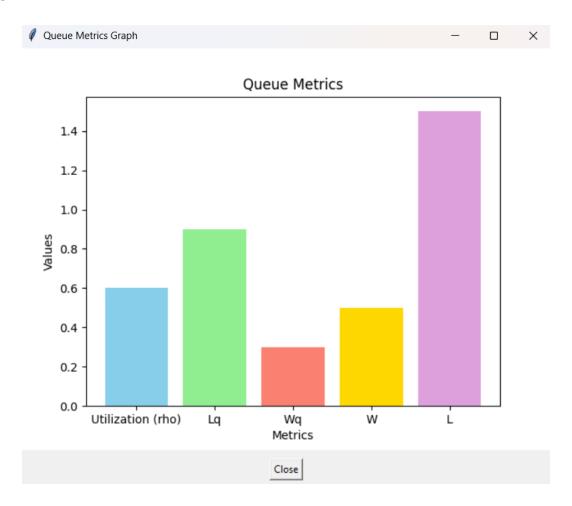
Main Screen



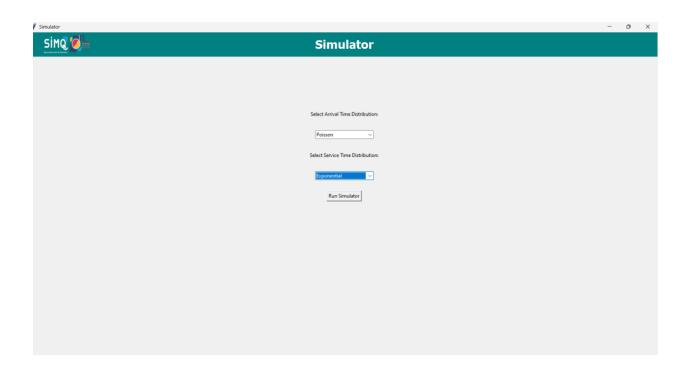
Queuing Calculator



Queue Metrics



Simulator



	Customer Server Arrival Time Service Time Start Time End Time Turnaround Time Wait Time Response Time Customer 1 Server 1 0.00 7.00 0.00 7.00 7.00 0.00 0.00 0.00 Show Gantt Chart for Server Customer 3 Server 1 8.00 1.100 8.00 9.00 1.100 0.00 0.00 0.00 Show Gantt Chart for Server Customer 4 Server 1 12.00 3.00 12.00 15.00 3.00 0.00 0.00 0.00 Show Server Utilization Customer 5 Server 2 13.00 6.00 13.00 19.00 6.00 0.00 0.00 0.00 Show Server Utilization Customer 6 Server 1 13.00 2.00 15.00 17.00 4.00 2.00 2.00 2.00 Show Turnaround Times Customer 6 Server 1 13.00 3.00 17.00 20.00 4.00 1.00 1.00 1.00 Show Waiting Times Customer 8 Server 1 21.00 12.00 21.00 33.00 12.00 0.00 0.00 Show Waiting Times Customer 9 Server 2 22.00 1.00 22.00 23.00 1.00 0.00 0.00 Show Response Times Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 0.00 0.00 Show Response Times Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 0.00 0.00 Show Inter-Arrival Times Customer 9 Server 1 2.00 2.00 2.00 2.00 2.00 2.00 0.00 0.00 Show Response Times Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 2.00 0.00 0.00 Show Response Times Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 2.00 0.00 0.00 Show Inter-Arrival Times Customer 10 2.00 2	ueue Simulator								- 0
Customer Server 0.00 7.00 0.00 7.00 7.00 0	Customer 1 Server 1 0.00 7.00 0.00 7.00 7.00 0.00	e (λ): 2.65	Service Rate (µ): 2.45	Number of Servers: 2	-	Number of Customers: 10	Start Simi	ulation	
Customer 2 Server 2 4.00 3.00 4.00 7.00 3.00 0.00 0.00 Show Gentr Chart for Server Customer 3 Server 1 8.00 1.00 8.00 9.00 1.00 0.00 0.00 0.00 0.00 Customer 4 Server 1 12.00 3.00 12.00 15.00 3.00 0.00 0.00 0.00 0.00 Customer 5 Server 2 13.00 6.00 13.00 19.00 6.00 0.00 0.00 0.00 0.00 Customer 6 Server 1 13.00 2.00 13.00 17.00 4.00 2.00 2.00 2.00 Show Server Utilization Customer 7 Server 1 16.00 3.00 17.00 20.00 4.00 1.00 1.00 1.00 1.00 Show Waiting Times Customer 8 Server 1 21.00 12.00 21.00 33.00 12.00 0.00 0.00 0.00 Show Waiting Times Customer 9 Server 2 22.00 1.00 22.00 23.00 1.00 0.00 0.00 0.00 Show Response Times Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 0.00 0.00 0.00 Show Response Times Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 0	Customer 2 Server 2 4.00 3.00 4.00 7.00 3.00 0.00 0.00 0.00 Show Gentt Chart for Server Customer 3 Server 1 8.00 1.00 8.00 9.00 1.00 0									Show Gantt Chart for Server 1
Customer 3 Server 1 8.00 1.00 8.00 9.00 1.00 0.00 0.00 Show Server Utilization Customer 4 Server 1 12.00 3.00 12.00 15.00 3.00 0.00 0.00 0.00 Show Server Utilization Customer 5 Server 2 13.00 6.00 13.00 19.00 6.00 0.00 0.00 0.00 0.00 0.00 0.00	Customer 3 Server 1 8.00 1.00 8.00 9.00 1.00 0.00 0.00 0.00 Show Server Utilization Customer 4 Server 1 12.00 3.00 12.00 15.00 3.00 0.00 0.00 0.00 0.00 0.00 0.00									
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Customer 5 Server 2 13.00 6.00 13.00 19.00 6.00 0.00 0.00 0.00 0.00 Customer 6 Server 1 13.00 2.00 15.00 17.00 4.00 2.00 2.00 2.00 2.00 Customer 7 Server 1 16.00 3.00 17.00 20.00 4.00 1.00 1.00 1.00 1.00 Customer 8 Server 1 21.00 12.00 21.00 23.00 12.00 0.00 0.00 0.00 Show Waiting Times Customer 9 Server 2 22.00 1.00 22.00 23.00 1.00 0.00 0.00 0.00 Show Response Times Customer 9 Server 2 24.00 2.00 24.00 26.00 2.00 0.00 0.00 0.00 Show Response Times Customer 9 Server 2 24.00 2.00 24.00 26.00 2.00 0.00 0.00 0.00 Show Response Times Customer 9 Server 2 24.00 2.00 24.00 26.00 2.00 3.0	Server 2 13.00 6.00 13.00 19.00 6.00 0.00 0.00 0.00 0.00									e e 1000 e
Customer 6 Server 1 13.00 2.00 15.00 17.00 4.00 2.00 2.00 2.00 Show Vurnaround Times Customer 7 Server 1 16.00 3.00 17.00 20.00 4.00 1.00 1.00 1.00 5how Waiting Times Customer 8 Server 1 21.00 12.00 21.00 12.00 0.00 0.00 0.00 5how Response Times Customer 9 Server 2 22.00 1.00 22.00 23.00 1.00 0.00 0.00 5how Response Times Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 0.00 0.00 0.00 Total - - 40.00 - - 43.00 3.00 3.00 Show Inter-Avrival Times Average - - 4.00 - - 4.30 0.30 0.30	Customer 6 Server 1 13.00 2.00 15.00 17.00 4.00 2.00 2.00 Show Vumanound Times Customer 7 Server 1 15.00 3.00 17.00 20.00 4.00 1.00 1.00 1.00 5how Waiting Times Customer 8 Server 1 21.00 12.00 23.00 1.00 0.00 0.00 5how Response Times Customer 9 Server 2 22.00 1.00 22.00 23.00 1.00 0.00 0.00 5how Response Times Customer 10 Server 2 24.00 2.00 26.00 2.00 0.00 0.00 0.00 5how Inter-Arrival Times Average - - 4.00 - - 4.30 0.30 0.30 5how Inter-Arrival Times									Show Server Utilization
Customer 9 Server 1 13.00 2.00 15.00 17.00 4.00 2.00 2.00 2.00	Customer 9 Server 1 13.00 2.00 15.00 17.00 4.00 2.00 2.00 2.00 2.00 2.00 2.00 2									Show Turnaround Times
Customer 8 Server 1 21.00 12.00 21.00 33.00 12.00 0.00 0.00 0.00 5-now Wanting times. Customer 9 Server 2 22.00 1.00 22.00 23.00 1.00 0.00 0.00 0.00 5-now Response Times. Customer 10 Server 2 24.00 2.00 24.00 2.00 0.00 0.00 0.00 Total - - 43.00 3.00 3.00 3.00 5-now Inter-Arrival Times. Average - - 4.00 - - 4.10 0.30 0.30	Customer 8 Server 1 21.00 12.00 21.00 33.00 12.00 0.00 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Show fulfillation fulfiles</td>									Show fulfillation fulfiles
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Customer 10 Server 2 24.00 2.00 26.00 2.00 0.00 0.00 Total - - 40.00 - - 43.00 3.00 3.00 3.00 Show Inter-Arrival Times Average - - 4.00 - - 4.30 0.30 0.30	Customer 10 Server 2 24.00 2.00 24.00 26.00 2.00 0.00 0.00 Total - - 40.00 - - 43.00 3.00 3.00 3.00 Show Inter-Arrival Times Average Average - - 4.00 - - 4.30 0.30 0.30									
Total 40.00 43.00 3.00 3.00 Show Inter-Arrival Times Average 4.00 4.30 0.30 0.30	Total 40.00 43.00 3.00 3.00 Show Inter-Arrival Times Average 4.00 4.30 0.30 0.30									Show Response Times
Average 4.00 4.30 0.30 0.30	Average 4.00 4.30 0.30 0.30		Server 2	24.00		24.00	26.00			
			-			-				Show Inter-Arrival Times
										Show Customer Arrival Time

