

Queuing System Project Rubric

Category (Weight)	Insufficient (0-5)	Appropriate (6-7)	Good (8-9)	Excellent (10)	Grade
Model Correctness (30%) (Structure and Behavior)	- Model has critical errors in structure or logic. Simulation behavior is unrealistic or incorrect.	- Model structure is mostly correct but contains notable flaws. Simulation behavior is partially realistic.	- Model structure is accurate with minor errors. Simulation behavior is realistic and mostly aligns with expectations.	- Model structure is flawless and fully aligned with the problem description. Simulation behavior is realistic and insightful.	
Scenario and Complexity (20%) (Appropriateness and Design)	- Scenario is overly simplistic or unclear. Complexity does not align with project requirements.	- Scenario is relevant but lacks depth or complexity. Some key aspects are missing.	- Scenario is well-designed with appropriate complexity and depth. Minor elements could be improved.	- Scenario is creative, well-constructed, and aligns perfectly with the project objectives. Complexity adds significant value.	
Analysis and Metrics (25%) (Performance and Insights)	- Metrics are missing or incorrectly calculated. Analysis lacks insight or is incorrect.	- Basic metrics are calculated, but analysis is incomplete or lacks depth.	- Metrics are calculated accurately with meaningful analysis. Minor issues in presentation or interpretation.	- Metrics are comprehensive and insightful, with clear and impactful analysis. Results are well-explained.	
Clarity of Explanation (15%) (Delivery and Organization)	- Video is disorganized, unclear, or difficult to follow. Explanations are lacking or incorrect.	- Video is somewhat organized but lacks engagement or clarity in parts. Explanations are partially accurate.	- Video is well-organized and engaging, with clear explanations and minor issues.	- Video is highly engaging, concise, and clearly conveys all aspects of the project. Explanations are thorough and precise.	
Presentation Quality (10%) (Technical and Visual Aspects)	- Poor visual or technical quality (e.g., hard to follow, poor visuals).	- Presentation quality is acceptable but not engaging or polished.	- Visually appealing and technically sound presentation with minor flaws.	- Highly professional, visually engaging, and technically excellent presentation.	