CS 425: Systems Analysis & Design
CAPSTONE RUBRIC

TOPIC	POOR	ACCEPTABLE	EXCELLENT
1. Identify Problem or Opportunity	None	Problem or opportunity described in context	Clear, concise, insightful with SWOT analysis
2. Executive Summary with Recommendation(s) and supporting charts: Pareto, Fishbone, Decision Tree with alternatives	None	Present but with only a Fishbone or Pareto chart	Good, clear summary with all 3 diagrams
3. FEASIBILITY ANALYSIS	None	Only 2 of 4	All 4 analyses
a. Technical Feasibility	None	Describes only current situation	Both current and alternatives well described
b. Operational Feasibility	None	Describes only current situation	Both current and alternatives well described
c. Schedule Feasibility with Gantt Chart PERT/CPM chart	None	Describes only current situation with Gantt chart	Well described with both types of diagrams
d. Economic Feasibility (Cost Benefit Analysis) using 1. Cost Payback 2. Return on Investment (ROI) 3. Net Present Value (NPV) 4. Expected Value 5. Decision Tree #2 with EV's	None	Only Payback and ROI or EV shown No NPV No Decision Tree with Expected Values	Shows all of these values correctly calculated
4. DataBase Design with Entity-Relationship Diagram(s)	None	Simplistic ERD	Good, accurate ERD
5. Data Flow Diagrams Context Diagram Diagram 0	None	Only a Context Diagram shown	Both diagrams shown, drawn correctly
6. Conclusions & Recommendations	None	One with some rationale	Strong, well supported conclusions with good, logical rationale