

Rubric: Project 4

Scalable Data Infrastructures

Topic	%	Excellent (100%)	Good (75%)	Fair (30%)	Poor (0%)
Coding Requirements					
Completeness	15	At least eight of the required methods are present and functional.	One missing method, or up to two broken methods.	Up to two missing methods, or up to three broken methods.	More than two missing or three broken methods.
Encapsulation	15	All variables and functionality are scoped according to logical need and encapsulation principles.	Up to three examples of poor or questionable encapsulation.	Unable to demonstrate understanding of proper encapsulation.	
Logic	15	There are no logic errors present in the code, and parts flow logically.	Up to two logic errors are present, or some illogical steps.	More than two logic errors are present, or method soup.	
Syntax	10	There are no syntax errors, and syntax conforms to taught style.	Nonconformant syntax or up to two syntax errors.	Up to five minor syntax errors.	Clear problems with syntax.
Flowchart Requirements					
Completeness	15	All required elements are present, of the correct type, and are used correctly.	Up to two mistyped or missing elements, or minor sequence problems.	Up to five minor element problems.	Clear problems with flowchart elements.
Logic	10	Flowchart accurately portrays the code.	Up to two minor variances from the code.	Up to five minor variances from the code.	Flowchart seems unrelated to the code.
Support Details	10	Supporting details are present, clear, and well placed to support the flowchart.	Up to two missed support details (assumptions) or minor placement problems.	Up to five missed or misplace support details.	Flowchart has little or no supporting detail.
Professionalism Requirements					
Coherence	5	The code provides a feature set that makes sense in the context of what will be needed when building an application.		The code is disjointed, but an effort has been made.	Little to no pattern or theme.
Investment	5	The feature set provided by the code seems like something that you could use and build upon.		Lackluster feature set, or little potential use.	Little to no attempt at creativity or investment.
Be careful: your Professionalism grade for the course is affected by your Coherence and Investment deductions.					

Due: Thursday, Week 4