

## Rubric: Project 4

## Scalable Data Infrastructures

Topic	%	Excellent (100%)	Good (75%)	Fair (30%)	Poor (0%)
Coding Requirements					
Completeness	15	At least six of the required functions are present and functional.	One missing function or up to two broken functions.	Up to two missing functions or up to three broken functions.	More than two missing functions or more than three broken functions.
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 function soup.	
Syntax	15	There are no syntax errors, and syntax conforms to the style taught.	Nonconformant syntax or up to two syntax errors.	Up to five minor syntax errors.	Clear problems with syntax.
Flowchart Requirements					
Completeness	10	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 and story.	Up to two minor variances from the story or code.	Up to five minor variances from the story or code.	Flowchart seems unrelated to story or 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 misplaced support details.	Flowchart has little or no supporting details.
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 use as a feature set.
Investment	5	The feature set provided by the code seems like something that you could use and build upon.		Lackluster feature set, or of little potential use.	Little to no use as a feature set.
Be careful: your final Professionalism grade is affected by your Story deductions.					

Due: Thursday, Week 4