CIS605 Project 2

Name: **Sample Rubric**

* Note: Feedback may refer to a specific code line number (“LN”). To view line numbers in Visual Studio, navigate as follows: (Main Menu) > Tools > Options > (Options Box) > Text Editor > All Languages > check “Line Numbers”

Topic	Expectations	Points Possible	Points Received	Specific Feedback
General Functionality ***(applicable to all problem sets)***				
Zip File, Solution, Projects	Program should be zipped properly and include the solution and all the applicable file(s)	Mandatory to receive a grade		
Projects compile & bug free	Each applicable project should compile cleanly (no compile errors, but compile warnings are sometimes okay)	-20% off of final point total		
	Program should not crash while running			
General Aesthetics ***(applicable to all problem sets)***				
Look and Feel	UI elements align properly on form	5	4.5	0.5 should have enough spaces between lables and textboxes such as in the customer tab, here, when you enetr the customer id input, it is not shown what you have eneterd until you reach a soecific number of letters
	UI elements appropriately sized/spaced			
	Good creativity while maintaining professionalism			
	User friendly captions and messages with proper spelling/grammar			
	Understandable ToolTips as appropriate			
	Message log entries scroll and display the most recent entry			
	Justification as appropriate (e.g. numbers are right justified)			
Usability	All tab stops correct			
	Keyboard shortcuts as appropriate			
	Appropriate Accept/Cancel functionality			
	Cursor reset to fix user input errors			
	Form reset after valid input			
General Supportability ***(applicable to all problem sets)***				
Template & Header	Official class template used in all files	5	5	
	Header completed for all files (LNs 3-15)			
	All code is in the proper template sections			
	Empty procedures are removed			
Internal Comments	All comments use clear business terms			
	Method comments exist			
	Section comments exist where longer blocks of code would benefit from them			
	Line-by-line code for very technical operations or where the code is not self-explanatory			
	End statements closed with a comment			
Naming convention	FrmMain and all other code files are named properly			
	UI elements are prefixed correctly and named in clear business terms (exception: elements not used in code, like many lables)			
	Variables and parameters are prefixed correctly and named in clear business terms			
	Methods and properties are named correctly			
Required Methods	_initializeUserInterface			
	_initializeBusinessLogic			
	ToString private and public override in classes			
Code Style	White space used effectively			
	Good logical blocks of code (e.g. local variables defined all together)			
	Good separation of UI, Business Logic, and Data functions			
Required End User Functionality (Graded as the project is running)				

RUN TIME	Data entry validated to prevent run time errors	10	10	Summary/dashboard does not update correctly, such as the number/count of added objects adding a new object such as a customer is not updated
	"Add/Create" buttons create correct output in Transaction Log			
	"Test Data" button creates correct output in Transaction Log			
	Exit button works			
Required Code Elements (Graded as a code review)				
FrmMain	Module level attribute and private property for ThemePark	8	7	1 in _runSystemTest(), you should only use the module ThemePark attribute (one object) to create/add the required objects such as customer and feature, this ThemePark object should create objects and track the current number of created objects, in one module ThemePark object, that is why it is defined as a module attribute in the FrmMain class
	Proper variable definition / scope			
	Click events for Create buttons			
	Pass data to business logic classes			
	Populate Transaction Log			
	Click event for "Test Data" button using hardcoded data			
ThemePark	Attributes	10	10	
	Public Properties			
	Private Properties			
	Create Procs for each Class			
	Private/Public ToString			
Classes	**Following Classes exist:**	12	12	
	ThemePark			
	Customer			
	Passbook			
	Feature			
	PassbookFeature			
	UsedFeature			
	For each class (refer to Class Diagrams):			
	Attributes			
	Special Constructor			
	Public Properties			
	Private Properties			
	Private/Public ToString			
Overall Feedback and TOTAL				
Sample Rubric		**50**	**48.5**	