

CIS*2430 (Fall 2021) Marking Scheme for Assignment Three				Scores	Comments	
Documentation (17%)	Readme (6%)					
	Test plan (6%)					
	JavaDoc and internal comments (5%)					
Functionality (80%)	GUI Components (52%): see pages 2-3 for more details	Initial interface (9%)	Components (4%)			
			Behaviour (5%)			
		Buy interface (11%)	Components (6%)			
			Behaviour (5%)			
		Sell interface (7%)	Components (3%)			
			Behaviour (4%)			
		Update interface (8%)	Components (3%)			
			Behaviour (5%)			
		Total gain interface (6%)	Components (3%)			
			Behaviour (3%)			
		Search interface (11%)	Components (4%)			
			Behaviour (7%)			
	Exception Handling (8%)			Constructor Exceptions (3%)		
				Mutator exceptions (2%)		
				Input exceptions (3%)		
	Perfect the details (20%)	Validity check (4%)				
		Privacy leak protection (4%)				
		Truly overriding methods (4%)				
Proper use of abstract class type (1%)						
Proper use of abstract methods (2%)						
Effective use of polymorphism (5%)						
Submission structure (3%)	Including only the relevant files and using the proper compressing utilities and naming conventions (3%)					
Total Marks (100%)						

Marking Details for GUI Components and Behaviour

Initial Interface (9%):

Components (4%)

1. Appropriate title for the window and welcome label for the ContentPane (2%)
2. “Commands” Menu (on a MenuBar) with the six required commands as MenuItems (2%)

Behaviour (5%)

3. Both “Quit” and the X button can close the application (2%)
4. Select suitable commands should change the window to the desirable interfaces (3%)

Buy Interface (11%):

Components (6%)

1. ComboBox for the investment type with the options of stock and mutualfund (2%)
2. Common TextFields: Symbol, Name, Quantity, and Price (2%)
3. Buy and Reset Buttons (1%)
4. TextArea with horizontal and vertical scrollbars for the messages (errors and content of purchased investments) (1%)

Behaviour (5%)

5. Buy (3%) and Reset Buttons (1%) for adding investments and resetting the TextFields (not the ComboBox), respectively.
6. ComboBox for selecting the option of stock or mutualfund (1%)

Sell Interface (7%):

Components (3%)

1. Common TextFields: Symbol, Quantity, and Price (1%)
2. Sell and Reset Buttons (1%)
3. TextArea with horizontal and vertical scrollbars for messages (errors or payments and changes to the investment) (1%)

Behaviour (4%)

4. Sell (3%) and Reset Buttons (1%) for reducing or removing an investment (error message for validity check) and resetting the TextFields, respectively.

Update Interface (8%):

Components (3%)

1. Common TextFields: Symbol, Name, and price (1%)
2. Prev, Next, and Save Buttons (1%)
3. TextArea with horizontal and vertical scrollbars for messages (errors or updated content) (1%)

Behaviour (5%)

4. Prev and Next Buttons (3%) for navigating the existing investments.
5. Save Button for updating the price values for the related investments (2%)

Total Gain Interface (6%):

Components (3%)

1. Read-only TextField (2%)
2. TextArea with horizontal and vertical scrollbars for messages (gains for individual investments) (1%)

Behaviour (3%)

3. Display of the individual gains in the scrollable TextArea (3%)

Search Interface (11%):

Components (4%)

1. Common TextFields: Symbol, Name keywords, Low price, and High price (2%)
2. Search and Reset Buttons (1%)
3. TextArea with horizontal and vertical scrollbars for displaying search results and any errors (1%)

Behaviour (7%)

4. Search (6%) and Reset (1%) Buttons for showing matched investments (error messages for invalid input and matched search results) and resetting the related TextFields, respectively.