

SIT232 – OBJECT ORIENTED DEVELOPMENT

PROJECT 1 DUE 5:00PM, APRIL 29

RUBRIC

Tasks/Criteria	Marks
Customer	
<ul style="list-style-type: none"> - Attributes: <ul style="list-style-type: none"> ○ Appropriate use of access modifiers, i.e., private/protected/public ○ Appropriate use of data types ○ Appropriate application of encapsulation (i.e. get/set, read-only, etc.) 	0.25 0.25 0.25
<ul style="list-style-type: none"> - Methods <ul style="list-style-type: none"> ○ Validation of Date of birth ○ Validation of Customer contact ○ Constructor ○ Copy constructor ○ Add account ○ Sum balance ○ ToString 	0.25 0.25 0.25 0.25 0.25 0.50 0.50
	3.00
Account	
<ul style="list-style-type: none"> - Attributes: <ul style="list-style-type: none"> ○ Appropriate use of access modifiers, i.e., private/protected/public ○ Appropriate use of data types ○ Appropriate application of encapsulation (i.e. get/set, read-only, etc.) 	0.25 0.25 0.25
<ul style="list-style-type: none"> - Methods <ul style="list-style-type: none"> ○ Constructor 1 ○ Constructor 2 ○ Close ○ Transfer ○ Calculate interest ○ Update balance ○ ToString 	0.25 0.25 0.25 0.25 0.25 0.25 0.25
	2.50
Type 1 Account	
<ul style="list-style-type: none"> - Attributes <ul style="list-style-type: none"> ○ Appropriate use of modifiers, i.e., private/protected/public/static ○ Appropriate use of data types 	0.25 0.25

○ Appropriate application of encapsulation (i.e. get/set, read-only, etc.)	0.25
- Methods	
○ Constructor 1	0.25
○ Constructor 2	0.25
○ Deposit	0.25
○ Withdraw	0.50
○ Transfer	0.50
○ Calculate interest	0.50
	3.00
Type 2 Account	
- Attributes	
○ Appropriate use of modifiers, i.e., private/protected/public/static	0.25
○ Appropriate use of data types	0.25
○ Appropriate application of encapsulation (i.e. get/set, read-only, etc.)	0.25
- Methods	
○ Constructor 1	0.25
○ Constructor 2	0.25
○ Transfer	0.50
○ Calculate interest	0.50
○ Update balance	0.25
	2.50
Main	0.50
Results	
- Correct results	2.00
- Reasonable format	0.50
Programming style (e.g. comments, program structure, etc.)	1.00
Total	15.00