

CS 213 Software Methodology – Fall 2020

Project # ____ Time Logs

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Test Case #	Purpose of Test Case	Input Data	Expected Output
1	Catch improper input while creating an account; missing fields or invalid fields.	<ul style="list-style-type: none">● invalid date (empty or non existent date)● invalid balance (negative or not a double value)● missing account type selection● missing name fields	<ul style="list-style-type: none">● ERROR: Missing or invalid date.● ERROR: Missing or improper balance.● ERROR: Missing account type.● ERROR: Incomplete name field.
2	Checkboxes disabled when appropriate.	<ul style="list-style-type: none">● Checking account radio button selected.● Savings account radio button selected.● MoneyMarket account radio button selected.	<ul style="list-style-type: none">● Loyal customer option disabled.● Direct deposit option disabled.● Direct deposit & loyal customer options disabled.
3	Checkboxes cleared when account radio buttons are selected.	<ul style="list-style-type: none">● Switch account radio button selected.	<ul style="list-style-type: none">● Checkboxes are cleared and appropriate checkboxes are disabled.

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Test Case #	Purpose of Test Case	Input Data	Expected Output
4	Check if a person can have multiple accounts.	<ul style="list-style-type: none"> Create an account of type Checking, Savings and MoneyMarket for a person with the same name. 	<ul style="list-style-type: none"> Account opened and added to the database.Account opened and added to the database. Account opened and added to the database.
5	Check that duplicate accounts cannot be created.	<ul style="list-style-type: none"> Attempt to make a duplicate account. 	<ul style="list-style-type: none"> Account is already in the database.
6	Check close account closes account	<ul style="list-style-type: none"> Input correct account holder name and type then press close account button. 	<ul style="list-style-type: none"> Account closed and removed from the database.
7	Check that you cannot close an account that doesn't exist.	<ul style="list-style-type: none"> Attempt to close an account that is not in the database. 	<ul style="list-style-type: none"> Account does not exist.
8	Check that the clear button clears the first tab and message area.	<ul style="list-style-type: none"> Press the Clear button when fields are filled with input or the text area has output. 	<ul style="list-style-type: none"> First tab is cleared of user input and the text area is cleared.
9	Switching from one tab	<ul style="list-style-type: none"> Click a different 	<ul style="list-style-type: none"> Current tab is changed.

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	to another functionality works.	tab than the current tab..	
10			

Tab 2

Test Case #	Purpose of Test Case	Input Data	Expected Output
11	Catch improper input for a withdrawal; missing fields or invalid fields.	<ul style="list-style-type: none"> ● invalid balance (negative or not a double value) ● Try to overdraw the account. ● missing account type selection ● missing name fields ● withdraw from non existent account 	<ul style="list-style-type: none"> ● ERROR: Missing or improper \$\$\$\$ Amount. ● Insufficient funds. ● ERROR: Missing account type. ● ERROR: Incomplete name field. ● Account does not exist.
12	Catch improper input while depositing; missing fields or invalid fields.	<ul style="list-style-type: none"> ● invalid balance (negative or not a double value) ● missing name fields ● missing account type selection ● deposit into non existent account 	<ul style="list-style-type: none"> ● ERROR: Missing or improper \$\$\$\$ Amount. ● ERROR: Incomplete name field. ● ERROR: Missing account type. ● Account does not exist.

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13	Successfully withdraw or deposit	<ul style="list-style-type: none"> • deposit 100 dollars into account • withdraw 100 dollars from account • deposit 0 dollars into account • withdraw 0 dollars from account 	<ul style="list-style-type: none"> • 100.00 deposited to account. • 100.00 withdrawn from account. • 0.00 deposited to account. • 0.00 withdrawn from account.
14	(Import) Valid account entry	<ul style="list-style-type: none"> • New valid account • Duplicate valid account 	<ul style="list-style-type: none"> • Account opened and added to the database. • Account is already in the database.
15	(Import) Invalid account entry	<ul style="list-style-type: none"> • Blank line • Text • Missing boolean in checking or savings • Non-integer withdrawals for MoneyMarket • Missing name field • Missing account type • Missing or improper balance • Invalid text in date field 	<ul style="list-style-type: none"> • *No message displayed • Invalid data entry: *Text input* • Input data type mismatch. • Unable to import entry. • ERROR: Incomplete name field. • ERROR: Invalid account type field. • ERROR: Missing

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		<ul style="list-style-type: none">• Non-boolean or Non-int in last field• Extra fields• Missing fields	<ul style="list-style-type: none">• or improper balance.• Unable to import entry.• Unable to import entry.• Invalid data entry• Invalid data entry
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Tab 3

Test Case #	Purpose of Test Case	Input Data	Expected Output
14	(Import) Valid account entry	<ul style="list-style-type: none"> • New valid account • Duplicate valid account 	<ul style="list-style-type: none"> • Account opened and added to the database. • Account is already in the database.
15	(Import) Invalid account entry	<ul style="list-style-type: none"> • Blank line • Text • Missing boolean in checking or savings • Non-integer withdrawals for MoneyMarket • Missing name field • Missing account type • Missing or improper balance • Invalid text in date field • Non-boolean or Non-int in last field • Extra fields • Missing fields 	<ul style="list-style-type: none"> • *No message displayed • Invalid data entry: *Text input* • Input data type mismatch. • Unable to import entry. • ERROR: Incomplete name field. • ERROR: Invalid account type field. • ERROR: Missing or improper balance. • Unable to import entry. • Unable to import entry. • Invalid data entry • Invalid data entry

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project 2

Test Case #	Purpose of Test Case	Input Data	Expected Output
16	(date) check valid days	<ul style="list-style-type: none"> • yyyy, mm, dd • 1901, 7, 31 • 1904, 7, 31 • 1901, 6, 30 • 1904, 6, 30 • 1901, 2, 28 • 1904, 2, 28 • 2000, 2, 29 	<ul style="list-style-type: none"> • valid • valid • valid • valid • valid • valid • valid • valid
17	(date) check invalid days	<ul style="list-style-type: none"> • yyyy, mm, dd • 1901, 7, 32 • 1904, 7, 0 • 1901, 2, 29 	<ul style="list-style-type: none"> • invalid • invalid • invalid
18	(date) check valid months	<ul style="list-style-type: none"> • yyyy, mm, dd • 1901, 1, 31 • 1901, 4, 30 	<ul style="list-style-type: none"> • valid • valid
19	(date) check invalid months	<ul style="list-style-type: none"> • yyyy, mm, dd • 1994, 0, 28 • 1901, -1, 20 • 1901, 13, 18 	<ul style="list-style-type: none"> • invalid • invalid • invalid
20	(date) check invalid years	<ul style="list-style-type: none"> • yyyy, mm, dd • 0, 7, 4 • -1901, 7, 4 	<ul style="list-style-type: none"> • invalid • invalid
21	(checking) test monthly interest	<ul style="list-style-type: none"> • gus, 1600, today, true • gus, 1500, today, true • gus, 1400, today, true • gus, 0, today, true • joe, 1600, today, 	<ul style="list-style-type: none"> • 0.07 • .06 • .06 • 0 • .07 • .06 • .06 • 0

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		false • joe, 1500, today, false) • joe, 1400, today, false • joe, 0, today, false	
22	(checking) test monthly fee	• gus, 1600, today, true • gus, 1500, today, true • gus, 1400, today, true • gus, 0, today, true • joe, 1600, today, false • joe, 1500, today, false • joe, 1400, today, false • joe, 0, today, false	• 0 • 0 • 0 • 0 • 0 • 25 • 25
23	(money market) monthly fee	• (john,2500.date) • debit(1000) • debit(500) • credit(1600)	• 1.35 • .81 • .54 • 1.41
24	(money market)	• (john,2500.date) • debit(1000) • debit(500) • credit(1000)	• 0 • 12 • 12 • 12