

Bank ISP

Method	Params	Returns	Values	Exception	Ch ID
addAccount	BankAccount	int	int		C1
addAccount	String, double, double	int	int		C2
addAccount	String, double, String	int	int		C3
				Exception	C4
addAccount	String, String, double, double	int	int		C5
findAccount	String	BankAccount	BankAccount, null		C6
deposit	String, double				C7
				InvalidAmount	C8
				AccNotFound	
withdraw	String, double				C9
				AccNotFound	
				InvalidAmount	
				MaxBalance	
				MaxWithdraw	
display		DefaultListModel <String>	DefaultListModel, null		C11
getAccounts		BankAccount[]	BankAccount[], null		C12
setAccounts	BankAccount[]				C13

Method	Ch ID	Characteristic	Partition	Covered by
addAccount	C1	BankAccount added	T, F	
addAccount	C2	SavingsAccount added	T, F	

addAccount	C3	CurrentAccount added	T, F	
	C4	Balance < 5000	T, F	
addAccount	C5	StudentAccount added	T, F	
findAccount	C6	Account found	T, F	
deposit	C7	Amount is >= account's balance	T, F	
	C8	Amount is negative value	T, F	
				C6
withdraw	C9	Amount is > account's balance	T, F	
				C6
	C10	Amount <= 0	T, F	
				C9
	C11	Amount is >= maximum withdraw limit	T, F	
display	C12	Account displayed	T, F	
getAccounts	C13	Account returned	T, F	
setAccounts	C14	Account set	T, F	

ID	Characteristic	addAccount	addAccount	addAccount	addAccount	findAccount
C1	BankAccount added	X				X
C2	SavingsAccount added		X			
C3	CurrentAccount added			X		
C4	Balance < 5000			X		
C5	StudentAccount added				X	

C6	Account found					X
C7	Amount is >= account's balance					
C8	Amount is negative value					
C9	Amount is > account's balance					
C10	Amount <= 0					
C11	Amount is >= maximum withdraw limit					
C12	Account displayed					
C13	Account returned	X				
C14	Account set					

ID	Characteristic	deposit	withdraw	display	getAccounts	setAccounts
C1	BankAccount added	X				
C2	SavingsAccount added		X	X		
C3	CurrentAccount added					
C4	Balance < 5000					
C5	StudentAccount added				X	X
C6	Account found	X	X			X
C7	Amount is >= account's balance	X				
C8	Amount is negative value	X				
C9	Amount is > account's balance		X			
C10	Amount <= 0		X			
C11	Amount is >= maximum withdraw limit		X			
C12	Account displayed			X		

C13	Account returned				X	X
C14	Account set					X

Method	Characteristics	Test Requirements	Infeasible TRs	Revised TRs	Number TRs
addAccount	C1	T, F			2
addAccount	C2	T, F			2
addAccount	C3, C4	TT, TF, FT	TT		2
addAccount	C5	T, F			2
findAccount	C1, C6	TT, TF, FT	FT	FT -> FF	3
deposit	C1, C6, C7, C8	TTTT, TTTF, TTFT, TFTT, FTTT	FTTT	FTTT -> TTFF	5
withdraw	C2, C6, C9, C10, C11	TTTTT, TTTTF, TTTFT, TTFTT, TFTTT, FTTTT	FTTT	FTTT -> TTFF	6
display	C2, C12	TT, TF, FT	TF, FT	TF -> FF	2
getAccounts	C5, C13	TT, TF, FT	TF, FT	TF -> FF	2
setAccounts	C5, C14	TT, TF, FT	TF, FT	TF -> FF	2