Test Cas	se ID	01	Passed/Failed
Test Cas	se	Successful	
		Admin log in	
Steps		Expected	Actual Result
1.	Run Programm e	Banking system app starts successfully an it asks for username	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username:</pre>
2.	Enter: Arthur	Username taken and the programme will ask for a password	in [1]: runfile('C./Wisers/DELIS/Decuments/Dasac code - bomking_system_2de89394665c87267127fa70718ffbb2/run.py', wdir='C:/Wisers/DELIS/ Documents/Dasac code - bomking_system_2de8934665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username=username matched Enter the Password:
3.	Enter: 123	Login successful and the admin menu will be displayed	Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username-=username matched Enter the Password: 123 You have now logged in, Arthur Please select an option: 1 - Customer Summary 2 - Financial Forecast 3 - Transfer Money - GUI 4 - Account management - GUI Enter a number to select your option:

Test Ca	ase ID	02	Passed/Failed
Test Ca	ase	Log in with incorrect	
		Username/password	
Steps		Expected	Actual Result
1.	Run Programme	Banking system app start successfully and ask for Username.	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718fff Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username:
2.	Enter: Arthur	Username taken and programme will ask for the password	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ff Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username-=username matched Enter the Password:
3.	Enter: wrong password	Login failed and it gives the message incorrect password and take you back to enter username	Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username-=username matched Enter the Password: wrong password Error:Invalid Password Searching for username-=username didn't match Searching for username-=username didn't match Searching for username-=username didn't match Enter the Username:

Test Ca	ase ID	03	Passed/Failed
Test Ca	ase	User deposits money	
Steps		Expected	Actual Result
1.	Run Programme	Banking system app run successfully and ask for username	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', w Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username:</pre>
2.	Enter: Chloe	Username matched and programme ask for password	Users/DELLS/Documents/base code - banking_system_2d68 Reloaded modules: banking_system Welcome to the Banking system, please login first Enter the Username: Chloe Searching for username-=username didn't match Searching for username-=username didn't match Searching for username-=username matched Enter the Password:
3.	Enter:1+x	Password valid and login successful and customer display menu appears	Welcome to the Banking system, please login first Enter the Username: Chloe Searching for username-=username didn't match Searching for username-=username didn't match Searching for username-=username matched Enter the Password: 1+x You have now logged in, Chloe 3Saving account 2Current account Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option:

4. Input option: Option 1 Welcome to the Banking system, please login first selected all Enter the Username: Chloe the Searching for username-=username didn't match account for Searching for username-=username didn't match Chloe Searching for username-=username matched appeared and system Enter the Password: 1+x asked to You have now logged in, Chloe select an 3--Saving account 2--Current account account. Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1 --Account list--Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option: You have now logged in, Chloe 5. Select Account 1 3--Saving account account:1 selected 2--Current account and option Please select an option: appeared 1 - View account for deposit, 2 - View summary withdraw 3 - Quit and go Enter a number to select your option: 1 back. --Account list--System Please select an option: asks to 1 - Saving account: \$4000.0 select an 2 - Current account: \$1000.0 option Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option:

		2 - 0111
6. Enter: 1 to deposit	Deposit option selected and now system ask to input amount to deposit.	Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 1 Enter the amount you want to deposit:
7. Enter: 500	Amount added to the account and programme closed	2 - View summary 3 - Quit Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 1 Enter the amount you want to deposit: 500 Amount Added to the account

8. Confirm Restart the Enter the Username: Chloe amount system, in Searching for username-=username didn't match changed account Searching for username-=username didn't match from 4000 to details of Searching for username-=username matched 4500 Chloe saving Enter the Password: 1+x You have now logged in, Chloe account 3--Saving account should 2--Current account have 4500 Please select an option: now. 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1 --Account list--Please select an option: 1 - Saving account: \$4500.0 2 - Current account: \$1000.0

Test Case ID	04	Passed/Failed
Test Case	User	
	withdraws	
	money-	
	successful	
Steps	Expected	Actual Result
1. Run	Banking	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', w Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')</pre>
program	nme System	Welcome to the Banking system, please login first
	starts and	Enter the Username:
	ask of	
	username	NINT 101 / / // CONS / / S / / / / / / / / / / / / / / / /
2. Enter: C	Chloe Username	Users/DELLS/Documents/base code - banking_system 2d68
	matched	Reloaded modules: banking_system
	and now	Welcome to the Banking system, please login first
	system ask	
	for	Enter the Username: Chloe
	password	Searching for username-=username didn't match
		Searching for username-=username didn't match
		Searching for username-=username matched
		Enter the Password:
		<u>'</u>
3. Enter:1+	+x Password is	Welcome to the Banking system, please login first
	correct and	
	menu for	Enter the Username: Chloe
	customer	Searching for username-=username didn't match
	displayed.	Searching for username-=username didn't match Searching for username-=username matched
	System	Sear Ching For asername -asername macched
	asks to	Enter the Password: 1+x
	select an	You have now logged in, Chloe
	option	3Saving account
		2Current account
		Please select an option:
		1 - View account 2 - View summary
		3 - Quit
		Enter a number to select your option:

4. Enter:1 Account for Welcome to the Banking system, please login first Chloe Enter the Username: Chloe displayed Searching for username-=username didn't match and system Searching for username-=username didn't match ask to Searching for username-=username matched select an account Enter the Password: 1+x You have now logged in, Chloe 3--Saving account 2--Current account Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1 --Account list--Please select an option: 1 - Saving account: \$4500.0 2 - Current account: \$1000.0 Enter a number to select your option: 4044 5. Enter:1 Account: 1 selected Enter a number to select your option: 1 system ask --Account list--Please select an option: for 1 - Saving account: \$4500.0 withdraw, 2 - Current account: \$1000.0 deposit or go back Enter a number to select your option: 1 You selected 1 - Saving account: \$4500.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option:

	 	d ()un+
6. Enter: 2 to withdraw	System now asks for the amount to withdraw	Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4500.0 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4500.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 2 Enter the amount you want to Withdraw:
7. Enter:500 to withdraw	Amount withdrawn successfully and programme closed	Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4500.0 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4500.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 2 Enter the amount you want to Withdraw: 500 Amount: 500.0 withdrawn Searching for username-=username didn't match

8. Confirm Restart the Enter the Username: Chloe amount system, in Searching for username-=username didn't match withdrawn account Searching for username-=username didn't match details of Searching for username-=username matched Chloe 4000 should be Enter the Password: 1+x there for You have now logged in, Chloe account 1 3--Saving account 2--Current account Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1 --Account list--Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option:

Test Cas	Test Case ID 05		Passed/Failed	
Test Cas	se	User		
		withdraw		
		money:		
		insufficient		
		funds		
Steps		Expected	Actual Result	
1.	Run	Banking	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', w Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')</pre>	
	Programme	system app	Welcome to the Banking system, please login first	
		run	Enter the Username:	
		successfully		
		and ask for		
		username		
2.	Enter: Chloe	Username	Users/DELLS/Documents/base code - banking system 2d68	
		matched	Reloaded modules: banking_system	
		and	Welcome to the Banking system, please login first	
		programme		
		ask for	Enter the Username: Chloe	
		password	Searching for username-=username didn't match	
			Searching for username-=username didn't match	
			Searching for username-=username matched	
			Enter the Password:	
			Effect the rassword.	
3.	Enter:1+x	Password	Welcome to the Banking system, please login first	
		valid and		
		login	Enter the Username: Chloe	
		successful	Searching for username-=username didn't match	
		and	Searching for username-=username didn't match	
		customer	Searching for username-=username matched	
		display	Enter the Password: 1+x	
		menu	You have now logged in, Chloe	
		appears	3Saving account	
			2Current account	
			Please select an option:	
			1 - View account	
			2 - View summary	
			3 - Quit	
			Enter a number to select your option:	
			Theer a number to select your operon.	

4. Input option: 1	Option 1 selected all the account for Chloe appeared and system asked to select an account.	Welcome to the Banking system, please login first Enter the Username: Chloe Searching for username-=username didn't match Searching for username-=username didn't match Searching for username-=username matched Enter the Password: 1+x You have now logged in, Chloe 3Saving account 2Current account Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0
5. Select account:1	Account 1 selected and option appeared for deposit, withdraw and go back. System asks to select an option	You have now logged in, Chloe 3Saving account 2Current account Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option:
6. Enter: 2 to withdraw	System asks for the amount to be withdrawn	Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 2 Enter the amount you want to Withdraw:

7. Enter: System 4200(which gives the insufficient is more than the balance) balance warning and takes Console 8/A × you back to Please select an option: the display 1 - Saving account: \$4000.0 menu 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 2 Enter the amount you want to Withdraw: 4200 Insufficient Balance 3--Saving account 2--Current account Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option:

Test Case I	D	06	Passed/Failed
Test Case		Verify the	
		account	
		balance are	
		saved and	
		loaded	
		correctly by	
		restarting	
		the	
		application	
Steps		Expected	Actual Result
1. Ru	n	Banking	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', v Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')</pre>
Pro	ogramme	system app	Welcome to the Banking system, please login first
		run	Enter the Username:
		successfully	
		and ask for	
		username	
2. En	ter: Chloe	Username	Users/DELLS/Documents/base code - banking_system_2d6&
		matched	Reloaded modules: banking_system
		and	Welcome to the Banking system, please login first
		programme	
		ask for	Enter the Username: Chloe
		password	Searching for username-=username didn't match
			Searching for username-=username didn't match
			Searching for username-=username matched
			Enter the Password:
3. En	ter:1+x	Password	Welcome to the Banking system, please login first
		valid and	
		login	Enter the Username: Chloe
		successful	Searching for username-=username didn't match
		and	Searching for username-=username didn't match
		customer	Searching for username-=username matched
		display	Enter the Password: 1+x
		menu	You have now logged in, Chloe
		appears	3Saving account
			2Current account
			Please select an option:
			1 - View account
			2 - View summary 3 - Quit
			3 - Quit
			Enter a number to select your option:

4. Input option: Option 1 Welcome to the Banking system, please login first selected all Enter the Username: Chloe the Searching for username-=username didn't match account for Searching for username-=username didn't match Chloe Searching for username-=username matched appeared and system Enter the Password: 1+x asked to You have now logged in, Chloe select an 3--Saving account 2--Current account account. Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1 --Account list--Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option: You have now logged in, Chloe 5. Select Account 1 3--Saving account account:1 selected 2--Current account and option Please select an option: appeared 1 - View account for deposit, 2 - View summary withdraw 3 - Quit and go Enter a number to select your option: 1 back. --Account list--System Please select an option: asks to 1 - Saving account: \$4000.0 select an 2 - Current account: \$1000.0 option Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option:

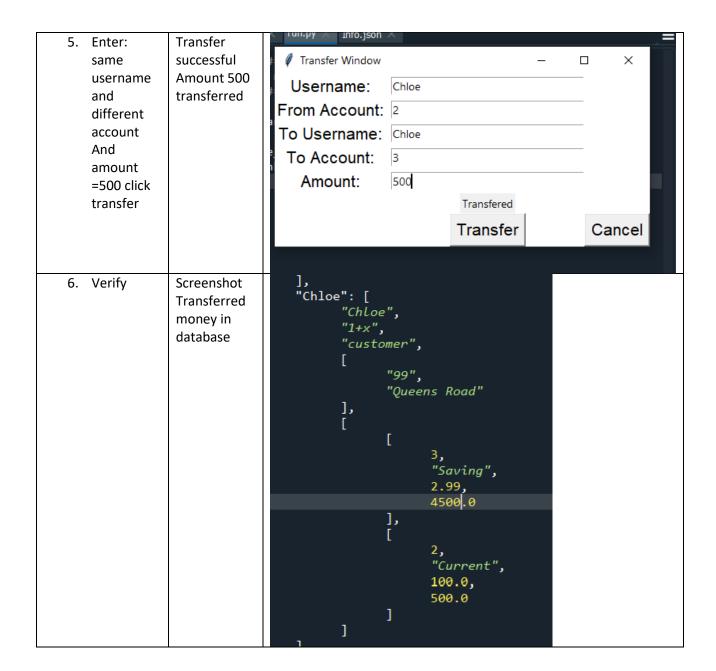
		2 - 0111
6. Enter: 1 to deposit	Deposit option selected and now system ask to input amount to deposit.	Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 1 Enter the amount you want to deposit:
7. Enter: 500	Amount added to the account and programme closed	2 - View summary 3 - Quit Enter a number to select your option: 1Account list Please select an option: 1 - Saving account: \$4000.0 2 - Current account: \$1000.0 Enter a number to select your option: 1 You selected 1 - Saving account: \$4000.0. Please select an option: 1 - Deposit 2 - Withdraw 3 - Go back Enter the number to select your option: 1 Enter the amount you want to deposit: 500 Amount Added to the account

8. Confirm Restart the Enter the Username: Chloe amount system, in Searching for username-=username didn't match changed account Searching for username-=username didn't match from 4000 to details of Searching for username-=username matched 4500 Chloe saving Enter the Password: 1+x You have now logged in, Chloe account 3--Saving account should 2--Current account have 4500 Please select an option: now. 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1 --Account list--Please select an option: 1 - Saving account: \$4500.0 2 - Current account: \$1000.0

Test Case ID	07	Passed/Failed
Test Case	Admin views	
	the customer	
	summary	
Steps	Expected	Actual Result
1. Run Programm e	Banking system app starts successfully	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username:</pre>
2. Enter:	an it asks for username	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')
2. Effer. Arthur	taken and the programme will ask for a password	Welcome to the Banking system, plassed login first Enter the Username: Arthur Searching for username matched Enter the Password:
3. Enter: 123	Login successful and the admin menu will be displayed and ask for the option to select	Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username-=username matched Enter the Password: 123 You have now logged in, Arthur Please select an option: 1 - Customer Summary 2 - Financial Forecast 3 - Transfer Money - GUI 4 - Account management - GUI Enter a number to select your option:
4. Enter:1 to display customer summary	Customer summary for each customer has been displayed and programme has been closed	Please select an option: 1 - Customer Summary 2 - Financial Forecast 3 - Transfer Money - GUI 4 - Account management - GUI Enter a number to select your option:1

Test Case ID	08	Passed/Failed
Test Case	Admin views	
	the financial	
	forecast	
Steps	Expected	Actual Result
1. Run	Banking	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')</pre>
Programm	system app	Welcome to the Banking system, please login first
е	starts	Enter the Username:
	successfully	
	an it asks for	
	username	To (5) and 1 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /
2. Enter:	Username	in [1]: runfile('C:/Users/DELIS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELIS/ Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first
Arthur	taken and	Enter the Username: Arthur Searching for username-=username matched
	the	Enter the Password:
	programme	
	will ask for a	
	password	
3. Enter: 123	Login	Welcome to the Banking system, please login first
	successful	Enter the Username: Arthur
	and the	Searching for username-=username matched
	admin menu	
	will be	Enter the Password: 123
	displayed and ask for	You have now logged in, Arthur
	the option to	Please select an option: 1 - Customer Summary
	select	2 - Financial Forecast
	Select	3 - Transfer Money - GUI
		4 - Account management - GUI
		Enter a number to select your option:
4. Enter:2	Financial	Enter a number to select your option:2
to display	forecast for	
financial	each	Name: Boris
forecast	customer	Total number of bank accounts: 1
	has been	Total money in the bank: \$1000
	displayed and	Total money after a year forcast: \$1000
		Name: Chloe
	programme has been	Total number of bank accounts: 2
	closed	Total money in the bank: \$5000.0
	Ciosed	Total money after a year forcast: \$4880.4
		Name Barkh
		Name: David Total number of bank accounts: 2
		Total money in the bank: \$5200.0
		Total money after a year forcast: \$4948.52
		Searching for username-=username didn't match
		Searching for username-=username didn't match
		Searching for username-=username didn't match

Test Case ID	09	Passed/Failed
Test Case	Admin	
	transfer	
	money-same	
	customer,	
	different	
	accounts.	
Steps	Expected	Actual Result In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa
1. Run	Banking	Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first
Programm	system app	Enter the Username:
е	starts successfully	and the openiume.
	an it asks for	
	username	
2. Enter:	Username	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')
Arthur	taken and	Welcome to the Banking system, please login first Enter the Username: Arthur
	the	Searching for username=username matched Enter the Password:
	programme	
	will ask for a	
	password	
3. Enter: 123	Login	Welcome to the Banking system, please login first
	successful	Enter the Username: Arthur
	and the	Searching for username-=username matched
	admin menu	
	will be	Enter the Password: 123
	displayed	You have now logged in, Arthur
	and ask for	Please select an option:
	the option to select	1 - Customer Summary 2 - Financial Forecast
	Select	3 - Transfer Money - GUI
		4 - Account management - GUI
		Enter a number to select your option:
4. Enter: 3 to	Transfer	
transfer	window	▼ Transfer Window — □ × I
money	appear for	V Username:
	money	From Account:
	transfer	
		To Username:
		To Account:
		Amount:
		Transfer Cancel
		Transfer Suffeet



Test Case ID	10	Passed/Failed
Test Case	Admin transfer money- between two customers	
Steps	Expected	Actual Result
1. Run Programm e	Banking system app starts successfully an it asks for username	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username:</pre>
2. Enter: Arthur	Username taken and the programme will ask for a password	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa76718ffbb2/run.py', wdir='C:/Users/DELLS/ Documents/base code - banking_system_2d689394665c87267127fa76718ffbb2') Welcome to the Banking_system, please login first Enter the Username: Arthur Searching for username-username matched Enter the Password:
3. Enter: 123	Login successful and the admin menu will be displayed and ask for the option to select	Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username-=username matched Enter the Password: 123 You have now logged in, Arthur Please select an option: 1 - Customer Summary 2 - Financial Forecast 3 - Transfer Money - GUI 4 - Account management - GUI Enter a number to select your option:
4. Enter: 3 to transfer money	Transfer window appear for money transfer	Transfer Window –



Test Ca	ase ID	11	Passed/Failed
Test Ca	ase	Admin adds	
		a saving	
		account to a	
		customer	
Steps		Expected	Actual Result
1.	Run	Banking	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')</pre>
	Programm	system app	Welcome to the Banking system, please login first
	е	starts	Enter the Username:
		successfully	
		an it asks for	
		username	
2.	Enter:	Username	In [1]: runfile('C:/Users/DELLS/Documents/Dase code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/Documents/Dase code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first
	Arthur	taken and	Enter the Username: Arthur Searching for username = username matched
		the	Enter the Password:
		programme	
		will ask for a	
		password	
3.	Enter: 123	Login	Welcome to the Banking system, please login first
		successful	Enter the Username: Arthur
		and the	Searching for username-=username matched
		admin menu	Scar ching for ascritaine suscinca
		will be	Enter the Password: 123
		displayed	You have now logged in, Arthur
		and ask for	Please select an option:
		the option to	1 - Customer Summary
		select	2 - Financial Forecast
			3 - Transfer Money - GUI 4 - Account management - GUI
			4 Account management doi
			Enter a number to select your option:
4.	Enter: 4 for	Account	
	account	management	Username: Chloe
	manageme	window	Osemanie. Cinoq
	nt	appear	
			Add Account Delete Account Cancel
5.	Input	Add account	Add Account
	Username	window	Account Type Current/Saving?
	and Press	appear	Balance:
	button		Overdraft Limit(Current)/Interest Rate(Saving):
	:Add		
			Add Cancel
6.	Input	Account	Add Account - X
	account	Added	Account Type Current/Saving? Saving
	details with		Balance: 1000 Overdraft Limit(Current)/Interest Rate(Saving): 2.99
	Saving		Overdian Eminiconnency/interest Nate(Daving). 2-33
	Account		Add Cancel
	type		

Enter the Password: 123
You have now logged in, Arthur
Please select an option:
1 - Customer Summary
2 - Financial Forecast
3 - Transfer Money - GUI
4 - Account management - GUI
Enter a number to select your option:4
Your Account has been Added
Account info: [195350255, 'Saving', 2.99, 1000.0]

Test Ca	se ID	12	Passed/Failed
Test Case	ise	Admin adds	
		a Current	
		account to a	
		customer	
Steps		Expected	Actual Result
1.	Run	Banking	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c8726712 Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2')</pre>
	Programm	system app	Welcome to the Banking system, please login first
	e	starts	Enter the Username:
		successfully	
		an it asks for	
		username	
2.	Enter:	Username	In [1]: runfile('C:/Users/DELIS/Documents/base code - banking.system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELIS/Documents/base code - banking.system_2d689394665c87267127fa70718ffbb2') Documents/base code - banking.system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first
	Arthur	taken and	Enter the Username: Arthur Searching for username=username matched
		the	Enter the Password:
		programme	
		will ask for a	
		password	
3.	Enter: 123	Login	Welcome to the Banking system, please login first
		successful	Enter the Username: Arthur
		and the	Searching for username-=username matched
		admin menu	Searching for ascrinance -ascrinance maccinea
		will be	Enter the Password: 123
		displayed	You have now logged in, Arthur
		and ask for	Please select an option:
		the option to	1 - Customer Summary
		select	2 - Financial Forecast
			3 - Transfer Money - GUI 4 - Account management - GUI
			4 Account management doi
			Enter a number to select your option:
4.	Enter: 4 for	Account	
	account	management	
	manageme	window	Username: Chloe
	nt	appear	
			Add Account Delete Account Cancel
5.	Input	Add account	✓ Add Account – □ X
	Username	window	Account Type Current/Saving?
	and Press	appear	Balance:
	button		Overdraft Limit(Current)/Interest Rate(Saving):
	:Add		
	Account		Add
6.	Input	Account	
	Account	added	Account Type Current/Saving?
	/ tecourit		
	details with		Balance: 1000
			Balance: 1000 Overdraft Limit(Current)/Interest Rate(Saving): 100
	details with		

Enter the Username: Arthur
Searching for username-=username matched

Enter the Password: 123
You have now logged in, Arthur
Please select an option:

1 - Customer Summary
2 - Financial Forecast
3 - Transfer Money - GUI
4 - Account management - GUI

Enter a number to select your option:4
Your Account has been Added
Account info: [28798600, 'Current', 100.0, 1000.0]

Test Ca	se ID	13	Passed/Failed
Test Case		Admin	
		deletes last	
		account from	
		a customer	
Steps		Expected	Actual Result
1.	Run Programm e	Banking system app starts successfully an it asks for username	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username:
2.	Enter: Arthur	Username taken and the programme will ask for a password	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/ Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username=username matched Enter the Password:
3.	Enter: 123	Login successful and the admin menu will be displayed and ask for the option to select	Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username-=username matched Enter the Password: 123 You have now logged in, Arthur Please select an option: 1 - Customer Summary 2 - Financial Forecast 3 - Transfer Money - GUI 4 - Account management - GUI Enter a number to select your option:
4.	Enter: 4 for account manageme nt	Account management window appear	
5.	Enter Username and press: Delete Account button	Delete window appear	Polete Account X Account no.: 1
6.	Enter Account no. to delete the account and press delete	It's the last account for the user so it will display message account cannot be deleted.	Account no.: 1 Delete Account Cancel

Reloaded modules: banking system

Welcome to the Banking system, please login first

Enter the Username: Arthur

Searching for username-=username matched

Enter the Password: 123

You have now logged in, Arthur

Please select an option:

- 1 Customer Summary
- 2 Financial Forecast
- 3 Transfer Money GUI
- 4 Account management GUI

Enter a number to select your option:4

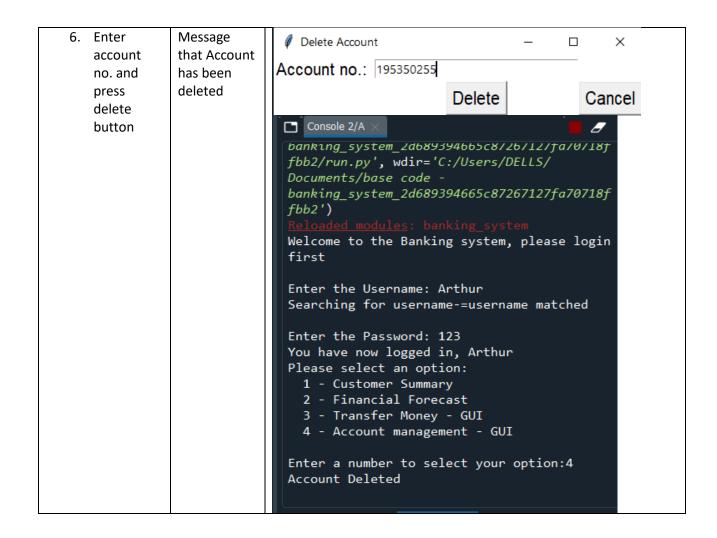
Account cannot be deleted

Test Case ID	14	Passed/Failed
Steps 1. Run Programm e	Verify the newly added account is saved and loaded correctly by restarting the application. Expected Banking system app starts successfully an it asks for username	Actual Result In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username:
2. Enter: Arthur 3. Enter: 123	Username taken and the programme will ask for a password Login successful and the admin menu will be displayed and ask for the option to select	In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/Dells code - banking_system_2d689394665c8767127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/Dells code - banking_system_2d68939465c8767127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/Dells code - banking_system_2d8939465c8767127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/D
4. Enter: 4 for account manageme nt	Account management window appear	Add Account Delete Account Cancel
5. Input Username and Press button :Add	Add account window appear	Account Type Current/Saving? Balance: Overdraft Limit(Current)/Interest Rate(Saving): Add Cancel



Enter the Password: 1+x You have now logged in, Chloe 3--Saving account 2--Current account 195350255--Saving account 28798600--Current account Please select an option: 1 - View account 2 - View summary 3 - Quit Enter a number to select your option: 1 --Account list--Please select an option: 1 - Saving account: \$4500.0 2 - Current account: \$300.0 3 - Saving account: \$1000.0 4 - Current account: \$1000.0 Enter a number to select your option:

Test Case ID	15	Passed/Failed
Test Case Steps	Verify the newly removed account is saved and loaded correctly by restarting the application Expected	Actual Result In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa
1. Run Programm e	Banking system app starts successfully an it asks for username	<pre>In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c8/26/12/fa Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username: In [1]: runfile('C:/Users/DELLS/Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2/run.py', wdir='C:/Users/DELLS/</pre>
2. Enter: Arthur	Username taken and the programme will ask for a password	Documents/base code - banking_system_2d689394665c87267127fa70718ffbb2') Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username=musername matched Enter the Password:
3. Enter: 123	Login successful and the admin menu will be displayed and ask for the option to select	Welcome to the Banking system, please login first Enter the Username: Arthur Searching for username-=username matched Enter the Password: 123 You have now logged in, Arthur Please select an option: 1 - Customer Summary 2 - Financial Forecast 3 - Transfer Money - GUI 4 - Account management - GUI Enter a number to select your option:
4. Enter: 4 for account manageme nt	Account management window appear	
5. Enter Username and press: Delete Account button	Delete window appear	Pelete Account - X Account no.: 195350255 Delete Cancel



```
"Chloe": [
7. Verification
               Account
   of account
               verification
                                       "Chloe",
   deleted
               through
               database
                                      "customer",
               and view
                                             "99",
               account
                                             "Queens Road"
               display
                                      ],
                                                   3,
"Saving",
                                                   2.99,
                                                   4500.0
                                                   2,
"Current",
                                                   100.0,
                                                   300.0
                                             ],
                                                   28798600,
                                                   "Current",
                                                   100.0,
                                                   1000.0
                                             ]
                                ],
"David": [
                                       "David",
                                      "aBC",
                                       "customer",
                               Searching for username-=username didn't
                               match
                               Searching for username-=username matched
                               Enter the Password: 1+x
                               You have now logged in, Chloe
                               3--Saving account
                               2--Current account
                               28798600--Current account
                               Please select an option:
                                1 - View account
                                 2 - View summary
                                 3 - Quit
                               Enter a number to select your option: 1
                               --Account list--
                               Please select an option:
                                 1 - Saving account: $4500.0
                                 2 - Current account: $300.0
                                 3 - Current account: $1000.0
                               Enter a number to select your option:
```