COMP 3111: Software Engineering

HKeInvest Activity 1: Initial Acceptance Testing — Sample Test Cases

Test Case: 1

Logged in as: <mark>employee</mark> [user name: employee; password: employee##]

Requirement & Purpose	Account application → *requirement 1* Submit an ***empty account application form*** for creating an <u>individual</u> account.
Test value(s)	None

Expected result (Invalid)	☐ All the following fields ARE INDICATED AS REQUIRED.
	  ☐ title ☐ first name
	  ☐ last name ☐ date of birth
	  ☐ email address ☐ street
	  ☐ district ☐ one of home/business/mobile phone
	  ☐ country of citizenship ☐ country of legal residence
	  ☐ HKID/passport number ☐ country of issue
	  ☐ employment status ☐ financial employment
	  ☐ company officer ☐ primary income source
	  ☐ investment objective ☐ investment knowledge
	  ☐ investment experience ☐ annual income
	  ☐ net worth ☐ sweep account feature
	  ☐ initial deposit
	
	 ☐ All the following fields ARE NOT INDICATED AS REQUIRED.
	  ☐ building ☐ home fax
	  ☐ specific occupation ☐ years with employer
	  ☐ employer name ☐ employer phone
	  ☐ nature of business

Test Case: 2

Logged in as: <mark>employee</mark> [user name: employee; password: employee##]

Requirement & Purpose	Account application → *requirement 1* Submit an account application form for creating a <u>joint tenants in common</u> account.

CLIENT INFORMATION	Primary Account Holder	Co-Account Holder
Title:	Mr.	Ms.
First name:	Howard	Kerry
Last name:	Zywany	Zywany
Date of birth:	01/03/1990	01/08/1995
Email address:	*<person doing testing>*	*<person doing testing>*
HOME ADDRESS		
Building:	Flat A 8/F Cliffview Mansions	Flat A 8/F Cliffview Mansions
Street:	17 Conduit Road	17 Conduit Road
District:	Central & Western	Central & Western
Home phone:	27776666	27776666
Home fax:		
Business phone:		28772877
Mobile phone:		97654321
Country of citizenship:	Canada	Hong Kong
Country of legal residence:	Hong Kong	Hong Kong
HKID/passport number:	BC987123	H9087651
Country of passport issue:	Canada	Hong Kong

	EMPLOYMENT INFORMATION		
	Employment status:	Student	Employed
	Specific occupation:		securities analyst
	Years with employer:		4
	Employer name:		Bank of East Asia
	Employer phone:		23456789
	Nature of business:		banking and finance
	DISCLOSURES & REGULATORY		
	Financial employment:	No	Yes
	Company officer:	No	No
	Primary income source:	sale of business	
	INVESTMENT PROFILE		
	Objective:	growth	
	Knowledge:	limited	
	Experience:	none	
	Annual income:	HK$200,001 – HK$2,000,000	
	Net worth:	more than HK$10,000,000	
	ACCOUNT FEATURES		
	Sweep balance:	Yes	
	INITIAL DEPOSIT	2500000	
	DATE (*if needed*)**:**	April 1, 2016	April 1, 2016
Expected result (Valid)	☐ Security account created Record account number assigned: _____		

Test Case: 3

Logged in as: <mark>employee</mark> [user name: employee; password: employee##]

Requirement & Purpose	Report Generation—security holding details report → *requirement 6(b)* Display the details for a security type held in an account.
Test value(s)	**security type:** bond **account:** ZY00000001

Expected result (Valid)	code	name	shares	base	√**OK**	
	89	Barclays Sterling Bond Fund	1,000	GBP		
	341	Amex Epic Global	200.4	EUR		
	812	Invesco Bond Fund	6,000	USD		

Test Case: 4

Logged in as: <mark>employee</mark> [user name: employee; password: employee##]

Requirement & Purpose	Report Generation—security holding details report → *requirement 5(b)* Display the value of security holdings in JPY.
Test value(s)	**security type:** bond **account:** ZY00000001 **currency:** JPY

Expected result (Valid)	code	name	value in JPY	√**OK**	
	89	Barclays Sterling Bond Fund	78,553.84		
	341	Amex Epic Global	63,851.95		
	812	Invesco Bond Fund	17,346,361.84		

Test Case: 5

Logged in as: <mark>not logged in</mark>

Requirement & Purpose	Client login accounts → *requirement 2* Submit an <u>empty registration form</u> for creating a client login account.		
Test value(s)	None		

Expected result (Invalid)	☐ All the following fields <u>ARE INDICATED AS REQUIRED</u>:
	  ☐ account number ☐ first name ☐ HKID/passport number
	  ☐ last name ☐ date of birth ☐ email
	  ☐ user name ☐ password ☐ confirm password		

Test Case: 6

Logged in as: <mark>not logged in</mark>

Requirement & Purpose	Client login accounts → *requirement 2* Submit a completed registration form for creating a <u>client login</u> account.		
Test value(s)	**Account#:** ZY00000001* **HKID/Passport#:** BC987123 **Date of Birth:** 01/03/1990 **User Name:** howard1 **Password:** howard## ***Account number should match that assigned in test case 2.**	**First Name:** Howard **Last Name:** Zywany **Email:** *‹email of person doing the testing›* **Confirm Password:** howard##	
Expected result (Valid)	☐ Login account created		

Test Case: 7

Logged in as: <mark>not logged in</mark>

Requirement & Purpose	Client login accounts → *requirement 2* Check if confirmation email for login account creation is sent.		
Test value(s)	None		
Expected result (Valid)	☐ Email received		