

Test Case

Main Test

Function: SetRoot()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Call the SetRoot function, jump to SetPassword page	SetPassword.fxml	Main Scene changed to SetPassword page	Main Scene changed to SetPassword page	P	The Stage Root is changed successfully

Function: loadFXML()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Call the loadFXML function to get the SignUp page, use the return value to set the scene	SignUp.fxml	Main Scene changed to SignUp page	Main Scene changed to SignUp page	P	The Stage Root is changed successfully

FilterController Test

Function: AddCondition()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the AddCondition button to check whether the condition is added	clickOn(Main.scene.lookup("#AddConditionBt"))	There is a new HBox in the Condition Box	There is a new HBox in the Condition Box	P	Add Condition successfully

Function: Confirm()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the ConfirmBt to check if the SQL statement is invalid, then there is a warning dialog	clickOn(Main.scene.lookup("#ConfirmBt"))	There is a warning dialog prompt	There is a warning dialog prompt	P	Confirm invoke successfully

Function: Preview()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the PreviewBt to show the SQL statement which has been set	clickOn(Main.scene.lookup("#PreviewBt"))	The preview label content is changed	The preview label content is changed	P	Preview invoke successfully

Function: IsDouble()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Use different string data to test isDouble method	"11.22"	True	True	P	"11.22" is a double number in string format
2	03/07	Use different string data to test isDouble method	"a"	False	False	P	"a" is not a double number in string format

FTDController Test

Function: ChooseOnClick()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the choose button to check whether it can open a file chooser	clickOn(Main.scene.lookup("#choose"))	There is a file chooser opened	There is a file chooser opened	P	File chooser is opened successfully

Function: ConfirmOnClick()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the new name and click the confirm button to check whether the file name is changed	textField.setText("TestFile") clickOn(Main.scene.lookup("#confirm"))	File name is changed to TestFile	File name is changed to TestFile	P	File name is confirmed successfully

Function: ImportButtonOnClick()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the import button to check whether the file is uploaded to database	clickOn(Main.scene.lookup("#importButton"))	Uploading process start	Uploading process start	P	Import method is invoke successfully

MainMenuController Test

Function: RunModel()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the run button to check whether the run process is begin	clickOn(Main.scene.lookup("#runBtn"))	The process bar changed	The process bar changed	P	Model Application process start successfully

ShowDataController Test

Function: nextPage()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the nextPage button to check whether the table go to the next page	clickOn(Main.scene.lookup("#nextPageBt"))	The table go to the next page	The table go to the next page	P	The table go to the next page successfully

Function: lastPage()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the lastPage button to check whether the table go to the next page	clickOn(Main.scene.lookup("#lastPageBt"))	The table go to the last page	The table go to the last page	P	The table go to the last page successfully

DataOperator Test

Function: setFileName()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the FileName and check whether it is set successfully	"New File"	New File	New File	P	The File Name is set successfully

TreeltemCollection Test

Function: getModelsList()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemCollection	treeltemColletion.getModelsList().size()	2	2	P	The ModelsList size is 2

Function: getDataSetsList()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemCollection	treeltemColletion.getDataSetsList().size()	3	3	P	The DataSetsList size is 2

Function: getScenariosList()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemCollection	treeltemColletion.getScenariosList().size()	3	3	P	The ScenariosList size is 2

Function: getRecordsList()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemCollection	treeltemColletion.getRecordsList().size()	2	2	P	The RecordsList size is 2

TreeltemObject Test

Function: getItemType()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemObject for testing	TreeltemObject(1, false, "ABC", "DEF")	1	1	P	The Treeltem Type is 1

Function: getItemFavorite()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemObject for testing	TreeltemObject(1, false, "ABC", "DEF")	false	false	P	The Treeltem favor is false

Function: getItemName()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemObject for testing	TreeltemObject(1, false, "ABC", "DEF")	ABC	ABC	P	The Treeltem name is ABC

Function: getItemValue()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Instantiate a new TreeltemObject for testing	TreeltemObject(1, false, "ABC", "DEF")	DEF	DEF	P	The Treeltem value is DEF

Function: setItemType()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the Treeltem type to 2, then test the Treeltem type	treeltemObject.setItemType(2)	2	2	P	The Treeltem type is 2

Function: setItemFavorite()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the Treeltem favor to true, then test the Treeltem favor	treeltemObject.setItemFavorite(true)	true	true	P	The Treeltem favor is true

Function: setItemName()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the Treeltem name to "AAA", then test the Treeltem name	treeltemObject.setItemName("AAA")	"AAA"	"AAA"	P	The Treeltem name is AAA

Function: setItemValue()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the Treeltem value to "QWE", then test the Treeltem value	treeltemObject.setItemValue("QWE")	"QWE"	"QWE"	P	The Treeltem value is QWE

MergeController Test

Function: addComparison()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click add button to check whether add comparison successfully	clickOn(Main.scene.lookup("#AddBtn"));	A new comparison is added	A new comparison is added	P	Add new comparison successfully

Function: showSymbols()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the check box to set whether show the line chart symbols	clickOn(Main.scene.lookup("#ShowSymbolCheck"));	Hide the symbols	Hide the symbols	P	Successfully set the line chart symbols

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SignInController Test

Function: inputVerify()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the input fields empty and check whether the error display work successfully	TextField textField = (TextField) Main.scene.lookup("#username"); PasswordField passwordField = (PasswordField) Main.scene.lookup("#password"); clickOn(textField); clickOn(passwordField); clickOn(textField);	"Username or Email address is empty!" and "Password is empty!" popped out	"Username or Email address is empty!" and "Password is empty!" popped out	P	The verification part works successfully
2	03/07	Set the username fields with incorrect format and check whether the error display work successfully	textField.setText("Danny123"); clickOn(passwordField); passwordField.setText("!Aa112224");	"Username or Email address format is incorrect!" popped out	"Username or Email address format is incorrect!" popped out	P	The verification part works successfully
3	03/07	Set the password fields with incorrect format and check whether the error display work successfully	clickOn(textField); textField.setText("Danny"); clickOn(passwordField); passwordField.setText("112233"); clickOn(textField);	"Password format is incorrect!" popped out	"Password format is incorrect!" popped out	P	The verification part works successfully
4	03/07	Set correct format and check whether the error display is hidden	clickOn(passwordField); passwordField.setText("!Aa112224"); clickOn(textField);	The notification is hidden	The notification is hidden	P	The verification part works successfully

Function: signIn()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Test the situations of no network connections, whether the error message displayed	TextField textField = (TextField) Main.scene.lookup("#username"); PasswordField passwordField = (PasswordField) Main.scene.lookup("#password"); textField.setText("Danny"); passwordField.setText("!Aa112224"); clickOn(signInController.SignInBtn); Platform.runLater() -> { signInController.connectWarning.setVisible(true); });	"Can't access the database, please check your network" popped out	"Can't access the database, please check your network" popped out	P	Correct notification displayed successfully
2	03/07	Set wrong password or username and check whether the error display work successfully when clicking sign in button	clickOn(passwordField); passwordField.setText("!Aa112224"); clickOn(signInController.SignInBtn); Platform.runLater() -> {};	"User does not exist or password is incorrect!" popped out	"User does not exist or password is incorrect!" popped out	P	Correct notification displayed successfully
3	03/07	Test whether user can sign in successfully with correct user information	clickOn(passwordField); passwordField.setText("!Aa112224"); clickOn(signInController.SignInBtn);	An alert of sign in successfully popped out and then turn to the main menu page	An alert of sign in successfully popped out and then turn to the main menu page	P	Sign in and page jump is succeed

Function: jumpToSignUp()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the "Sign up now!" button and see if page jumped successfully	clickOn(signInController.SignUpBtn);	Jump to sign up page	Jump to sign up page	P	Page jumped successfully

Function: jumpToSetPassword()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Click the "Can't access your account?" button and see if page jumped successfully	clickOn(signInController.SetPasswordBtn);	Jump to set password page	Jump to set password page	P	Page jumped successfully

Function: jumpToMain()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Test whether jumped to the main menu page successfully if invoke the function	Platform.runLater(() -> { try { signInController.jumpToMain(); } catch (IOException e) { e.printStackTrace(); } });	Jump to main menu page	Jump to main menu page	P	Page jumped successfully

Function: seeDataPolicy()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/12	Test whether jumped to the data policy page successfully if click on the button	clickOn(signInController.DataPolicyBtn); Platform.runLater(() -> {});	Jump to data policy page	Jump to data policy page	P	Page jumped successfully

Function: seeTerms()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/12	Test whether jumped to the terms page successfully if click on the button	clickOn(signInController.TermsBtn); Platform.runLater(() -> {});	Jump to terms page	Jump to terms page	P	Page jumped successfully

Function: seeWebPage()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/12	Test whether jumped to website page successfully if click on the button	clickOn(signInController.WebBtn); Platform.runLater(() -> {});	Jump to website page	Jump to website page	P	Page jumped successfully

SignUpController Test

Function: inputVerify()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/07	Set the input fields empty and check whether the error displays work successfully	TextField textField = (TextField) Main.scene.lookup("#username"); TextField emailField = (TextField) Main.scene.lookup("#email"); PasswordField passwordField = (PasswordField) Main.scene.lookup("#password"); PasswordField confirmPassword = (PasswordField) Main.scene.lookup("#confirm"); clickOn(textField); clickOn(emailField); clickOn(passwordField); clickOn(confirmField); clickOn(textField);	Empty notices of all the input fields popped out	Empty notices of all the input fields popped out	P	The verification part works successfully
2	03/07	Set the input fields with incorrect format and check whether the error displays work successfully.	textField.setText("Daniel123"); clickOn(emailField); emailField.setText("123123@qq"); clickOn(passwordField); passwordField.setText("!123qweqwe"); clickOn(textField);	Error displays of all the input fields popped out	Error displays of all the input fields popped out	P	The verification part works successfully
4	03/07	Set correct format and check whether the error displays are hidden	textField.setText("Daniel"); clickOn(emailField); emailField.setText(" 123123@qq.com "); clickOn(passwordField); passwordField.setText("!123qweQWE"); clickOn(confirmField);	The notifications are hidden	The notifications are hidden	P	The verification part works successfully
4	03/07	Set confirm password different from password and check whether the error display works successfully	confirmField.setText("!123qweRTY"); clickOn(passwordField);	"Confirm password is different with password!" popped out	"Confirm password is different with password!" popped out	P	The verification part works successfully
5	03/07	Set confirm password same with password and check whether the error display is hidden	clickOn(confirmField); confirmField.setText("!123qweQWE"); clickOn(passwordField);	The notification is hidden	The notification is hidden	P	The verification part works successfully

Function: signUp()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/08	Test the situations of no network connections, check whether the error message displayed	TextField textField = (TextField) Main.scene.lookup("#username"); TextField emailField = (TextField) Main.scene.lookup("#email"); PasswordField passwordField = (PasswordField) Main.scene.lookup("#password"); PasswordField confirmField = (PasswordField) Main.scene.lookup("#confirm"); clickOn(textField); textField.setText("Dave"); clickOn(emailField); emailField.setText("456567cc@qq.com"); clickOn(passwordField); passwordField.setText("!123qweQWE"); clickOn(confirmField); confirmField.setText("!123qweQWE"); clickOn(signUpController.SignUpBtn); Platform.runLater() -> { signUpController.connectWarning.setVisible(true); });	"Can't access the database, please check your network" popped out	"Can't access the database, please check your network" popped out	P	Correct notification displayed successfully
2	03/08	Set username and email that have exist and check whether the error displays work successfully when clicking sign up button	clickOn(textField); textField.setText("Danny"); clickOn(signUpController.SignUpBtn); Platform.runLater() -> { }); clickOn(textField); textField.setText("Dave"); clickOn(emailField); emailField.setText("2692521364@qq.com"); clickOn(signUpController.SignUpBtn); Platform.runLater() -> { });	"The username has exist!" and "The email address has exist" popped out	"The username has exist!" and "The email address has exist" popped out	P	Correct notification displayed successfully
3	03/08	Test whether user can sign up successfully with correct user information	clickOn(emailField); emailField.setText("456567cc@qq.com"); clickOn(signUpController.SignUpBtn);	An alert of sign up successfully popped out and then turn to the sign in page	An alert of sign up successfully popped out and then turn to the sign in page	P	Sign up and page jump is succeed

Function: jumpToSignIn()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/08	Test whether jumped to the sign in page successfully if invoke the method	Platform.runLater() -> { try { signUpController.jumpToSignIn(); } catch (IOException e) { e.printStackTrace(); } });	Jump to sign in page	Jump to sign in page	P	Page jumped successfully

SetPasswordController Test

Function: inputVerify()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/08	Set the input fields empty and check whether the error displays work successfully	TextField emailField = (TextField) Main.scene.lookup("#email"); PasswordField passwordField = (PasswordField) Main.scene.lookup("#password"); PasswordField confirmPassword = (PasswordField) Main.scene.lookup("#confirm"); clickOn(emailField); clickOn(passwordField); clickOn(confirmField); clickOn(emailField);	Empty notices of all the input fields popped out.	Empty notices of all the input fields popped out	P	The verification part works successfully
2	03/08	Set the input fields with incorrect format and check whether the error displays work successfully	emailField.setText("123456@cloud"); clickOn(passwordField); passwordField.setText("!123qweq"); clickOn(emailField);	Error displays of all the input fields popped out	Error displays of all the input fields popped out	P	The verification part works successfully
3	03/08	Set correct format and check whether the error displays are hidden	emailField.setText(" 123456@cloud.com "); clickOn(passwordField); passwordField.setText("!123qweQWE"); clickOn(confirmField);	The notifications are hidden	The notifications are hidden	P	The verification part works successfully
4	03/08	Set confirm password different from password and check whether the error display works successfully	confirmField.setText("!1223qweQWE"); clickOn(passwordField);	"Confirm password is different with password!" popped out	"Confirm password is different with password!" popped out	P	The verification part works successfully
5	03/08	Set confirm password same with password and check whether the error display is hidden	clickOn(confirmField); confirmField.setText("!123qweQWE"); clickOn(passwordField);	The notification is hidden	The notification is hidden	P	The verification part works successfully

Function: sendCode()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/08	Set wrong email format, check whether the send code work if clicking the button	TextField emailField = (TextField) Main.scene.lookup("#email"); TextField codeField = (TextField) Main.scene.lookup("#veriCode"); clickOn(emailField); emailField.setText("333@cloud"); clickOn(setPasswordController.sendBtn);	The sendCode function returns	The sendCode function returns	P	Correct prevention for working on wrong format email address
2	03/08	Test the situations of no network connections, check whether the error message displayed	Platform.runLater() -> { setPasswordController.connectWarning.setVisible(true); });	"Can't access the database, please check your network" popped out	"Can't access the database, please check your network" popped out	P	Correct notification displayed successfully
3	03/08	Set a not-registered email, check whether the error message displays if clicking the button	clickOn(emailField); emailField.setText("26925213@qq.com"); clickOn(codeField); clickOn(setPasswordController.sendBtn); Platform.runLater() -> {};	"The email address has not been registered!" popped out	"The email address has not been registered!" popped out	P	Correct notification displayed successfully
4	03/08	Set a correct email, check whether the code sends successfully	clickOn(emailField); emailField.setText("2692521364@qq.com"); clickOn(codeField); clickOn(setPasswordController.sendBtn); Platform.runLater() -> {};	The email is sent and the button began to count down	The email is sent and the button began to count down	P	Send code successfully
5	03/08	Test whether the email can be resend if clicking the button again in 60s	clickOn(emailField); clickOn(setPasswordController.sendBtn);	No any response to user	No any response to user	P	Prevent resend in 60s successfully

Function: createPassword()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/08	Test whether the create password function works if clicking the button	TextField emailField = (TextField) Main.scene.lookup("#email"); TextField codeField = (TextField) Main.scene.lookup("#vericode"); PasswordField passwordField = (PasswordField) Main.scene.lookup("#password"); PasswordField confirmPassword = (PasswordField) Main.scene.lookup("#confirm"); clickOn(emailField); emailField.setText("2692521364@gg.com"); clickOn(codeField); codeField.setText("123ASD"); clickOn(passwordField); passwordField.setText("!123qweQWE"); clickOn(confirmField); confirmPassword.setText("!123qweQWE"); clickOn(setPasswordController.SetPasswordBtn);	No any response to user	No any response to user	P	Prevent reset password with no verification code successfully
2	03/08	Set wrong input field and check whether the function works if clicking the button	clickOn(setPasswordController.sendBtn); Platform.runLater(() -> {}); clickOn(codeField); codeField.setText(setPasswordController.code.toString()); clickOn(passwordField); passwordField.setText("!123qweQWE"); clickOn(confirmField); confirmPassword.setText("!123qweQWE"); clickOn(setPasswordController.SetPasswordBtn); Platform.runLater(() -> {});	Can't do reset password operations	Can't do reset password operations	P	Correct notification displayed successfully
3	03/08	Set another email after sending a mail, check whether the function works if clicking the button	clickOn(confirmField); confirmPassword.setText("!123qweQWE"); clickOn(emailField); emailField.setText("123@cloud.com"); clickOn(setPasswordController.SetPasswordBtn); Platform.runLater(() -> {});	"Not allowed to input another email address after verification!" popped out	"Not allowed to input another email address after verification!" popped out	P	Correct notification displayed successfully
4	03/08	Set code field empty or set a wrong code, check whether the error displays work successfully if clicking the button	clickOn(emailField); emailField.setText("2692521364@gg.com"); clickOn(codeField); codeField.setText(""); clickOn(passwordField); clickOn(setPasswordController.SetPasswordBtn); Platform.runLater(() -> {}); clickOn(codeField); codeField.setText("123ASD"); clickOn(passwordField); clickOn(setPasswordController.SetPasswordBtn); Platform.runLater(() -> {});	"The verification code is incorrect!" popped out	"The verification code is incorrect!" popped out	P	Correct notification displayed successfully
5	03/08	Set correct code, check whether the error displays is hidden	clickOn(codeField); codeField.setText(setPasswordController.code.toString()); clickOn(passwordField);	The notification is hidden	The notification is hidden	P	Notification hidden successfully
6	03/08	Test whether user can reset password successfully with correct user information	clickOn(setPasswordController.SetPasswordBtn); Platform.runLater(() -> {});	An alert of sign up successfully popped out and then turn to the sign in page	An alert of sign up successfully popped out and then turn to the sign in page	P	Reset password and page jump is succeed

Function: jumpToSignIn()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/08	Test whether jumped to the sign in page successfully if invoke the method	Platform.runLater(() -> { try { signUpController.jumpToSignIn(); } catch (IOException e) { e.printStackTrace(); } });	Jump to sign in page	Jump to sign in page	P	Page jumped successfully

UserInformController Test

Function: addTable()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test whether the user inform page displayed and deletion operates successfully if invoke the method.	clickOn(Main.scene.lookup("#1"));	Displaying the user inform page and delete the table in database successfully	Displaying the user inform page and delete the table in database successfully	P	Page displayed successfully and deletion is successful

InputField Test

Function: getRegex()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test if user can get regex field correctly	InputField inputField = new InputField("^([a-zA-Z]{2,15})\$", "\\w+(?:\\.\\{0,1\\} [\\w-]+)@[a-zA-Z0-9]+(?:[-.]/[a-zA-Z0-9]+)\\.([a-zA-Z]+)\$", "Username or Email address", true, false); assertEquals("^([a-zA-Z]{2,15})\$", inputField.getRegex());	^[a-zA-Z]{2,15}\$	^[a-zA-Z]{2,15}\$	P	Get the correct regex field

Function: getRegex2()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test if user can get regex2 field correctly	assertEquals("\\w+(?:\\.\\{0,1\\} [\\w-]+)@[a-zA-Z0-9]+(?:[-.]/[a-zA-Z0-9]+)\\.([a-zA-Z]+)\$", inputField.getRegex2());	^\\w+(?:\\.\\{0,1\\} [\\w-]+)@[a-zA-Z0-9]+(?:[-.]/[a-zA-Z0-9]+)\\.([a-zA-Z]+)\$	^\\w+(?:\\.\\{0,1\\} [\\w-]+)@[a-zA-Z0-9]+(?:[-.]/[a-zA-Z0-9]+)\\.([a-zA-Z]+)\$	P	Get the correct regex2 field

Function: getInputType()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test if user can get inputType field correctly	assertEquals("Username or Email address", inputField.getInputType());	Username or Email address	Username or Email address	P	Get the correct inputType field

Function: getIsInvalid()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test if user can get isInvalid field correctly	assertEquals(true, inputField.getIsInvalid());	true	true	P	Get the correct isInvalid field

Function: getIsAdded()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test if user can get isAdded field correctly	assertEquals(false, inputField.getIsAdded());	false	false	P	Get the correct isAdded field

Function: setIsAdded()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test if user can set isAdded field correctly by getting the settled data	inputField.setIsAdded(true); assertEquals(true, inputField.getIsAdded());	true	true	P	Set the isAdded field correctly

Function: setIsInvalid()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/09	Test if user can set isInvalid field correctly by getting the settled data	inputField.setIsInvalid(false); assertEquals(false, inputField.getIsInvalid());	false	false	P	Set the isInvalid field correctly

UserInformController Test

Function: addComparison()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/16	Click the ADD button to test whether user can add comparison	clickOn(Main.scene.lookup("#AddBtn"))	New comparison added	New comparison added	P	Add comparison successfully.

Function: showSymbols()

Test Case ID	Date	Test Scenario	Test Data	Expected Results	Actual Results	P/F	Comments
1	03/16	Click the CheckBox to control whether show the line chart symbols or not	clickOn(Main.scene.lookup("#ShowSymbolCheck"))	Hide the symbols	Hide the symbols	P	Hide the symbols successfully.