

Format of Scenarios and Use Cases

Name	Class	Scenery
setupStage1	OrderManagementControllerTest	Controller != null
setupStage2	OrderManagementControllerTest	A client is created
setupStage3	OrderManagementControllerTest	A product is created
setupStage4	OrderManagementControllerTest	An order is placed
setupStage5	OrderManagementControllerTest	An order is sent
setupStage6	OrderManagementControllerTest	The controller is cloned with existing products
setupStage7	OrderManagementControllerTest	A product is updated
setupStage8	OrderManagementControllerTest	Orders are listed in the order of creation
setupStage9	OrderManagementControllerTest	A previous version of the system is recovered after modifying a product

Test Case Design: Verify the use of the registerCustomer method

Class	Method	Scenery	Input Values	Expected result
OrderManagementControllerTest	registerCustomer(...)	setupStage1	"John", "123 Street", "john@example.com", "password"	Customer registered successfully
OrderManagementControllerTest	registerCustomer(...)	setupStage1	"", "", "", ""	Customer already exists

Test Case Design: Verify the use of the createProduct method

Class	Method	Scenery	Input Values	Expected result
OrderManagementControllerTest	createProduct(...)	setupStage 3	"Laptop", "High-end laptop", "002", 1500.00	Product created successfully
OrderManagementControllerTest	createProduct(...)	setupStage 3	"", "", "003", 0.0	Product already exists