Use Case Name	Register Supplier	
Use Case Id	1.1	
Priority	High	
Source	Manager	
Primary Business Actor	Manager	
Other Participating	Supplier	
Actors		
Description	This function registers Supplier de	tails on the system.
•		·
Preconditions	Supplier must complete and sign a	a Supplier Registration form.
Trigger	None	
Expected Scenario	Manager	System
	Step 1: Receptionist starts	Step 2: Assign Supplier ID
	Register Supplier function	
		Step 3: Display UI
	Step 4: Receptionist Enters	Step 5: System validates Supplier
	Supplier details:	details:
	s Curan Nama	All fields must be entered
	Supp_Name Cantact	
	Contact	Fields must not contain
	• Phone	numeric values only
	• Email	Email address must have
	• Street	valid format
	• Town	Eir_Code must have valid
	• County	format
	Eir_Code	
		Step 6: Set Acc_Bal to zero
		Step 6. Set Acc_bal to zero
		Step 7: Set Status to active ("A")
		Step 8: Save Supplier details in
		Supplier File:
		Supp_ID
		Supp_Name
		• Contact
		Phone
		• Email
		• Street
		• Town
		• County
		Eir_Code
		Acc Bal
		• Status
		Status
		Step 9: Display confirmation
		message
		Step 10: Clear the UI
Alternate Scenarios	Actor Action	-
Alternate Scenarios	Actor Action	System Response

Step 5: Display message "This field must be entered" Step 6: Position cursor in offending field and return to step 3 Step 4: A numeric value entered in text field Step 5: Display message "This field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 5: Display message "Email format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code of Fire Code of Fire Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Conclusions Orders may now be sent to this supplier Business Rules Implementation		T	
Step 6: Position cursor in offending field and return to step 3 Numeric data detected Step 4: A numeric value entered in text field	Field not entered	Step 4: A blank field detected	
Step 6: Position cursor in offending field and return to step 3 Numeric data detected Step 4: A numeric value entered in text field		Stan F: Display massage "This	
Numeric data detected Numeric data detected Step 4: A numeric value entered in text field Step 5: Display message "This field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Invalid Email address Step 4: An invalid format entered for email field and return to step 3 Invalid Eir_Code Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Step 5: Display message "Eir_Code Step 5: Display message "Eir_Code Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation			
Numeric data detected Numeric data detected Numeric data detected Step 4: A numeric value entered in text field Step 5: Display message "This field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		Tield must be entered	
Numeric data detected Numeric data detected Numeric data detected Step 4: A numeric value entered in text field Step 5: Display message "This field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		Step 6: Position cursor in	
Numeric data detected Numeric data detected Step 4: A numeric value entered in text field Step 5: Display message "This field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code Step 5: Display message "Eir_Code Step 6: Position cursor in Email field and return to step 3 Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation			
in text field Step 5: Display message "This field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation			
Step 5: Display message "This field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email format invalid" Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation	Numeric data detected	Step 4: A numeric value entered	
field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code Step 5: Display message "Eir_Code Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		in text field	
field must not be numeric" Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code Step 5: Display message "Eir_Code Step 5: Display message "Eir_Code Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		Step 5: Display message "This	
Step 6: Position cursor in offending field and return to step 3 Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation			
Invalid Email address Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation			
Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		Step 6: Position cursor in	
Invalid Email address Step 4: An invalid format entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		offending field and return to	
entered for email Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		step 3	
Step 5: Display message "Email format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation	Invalid Email address	Step 4: An invalid format	
format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		entered for email	
format invalid" Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation			
Step 6: Position cursor in Email field and return to step 3 Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		Step 5: Display message "Email	
Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		format invalid"	
Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation			
Invalid Eir_Code Step 4: An invalid format entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Post conditions Orders may now be sent to this supplier Business Rules Implementation		Step 6: Position cursor in Email	
entered for Eir_Code Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		field and return to step 3	
Step 5: Display message "Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation	Invalid Eir_Code	Step 4: An invalid format	
#Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Post conditions Orders may now be sent to this supplier Business Rules Implementation		entered for Eir_Code	
#Eir_Code format invalid" Step 6: Position cursor in Email field and return to step 3 Conclusions Post conditions Orders may now be sent to this supplier Business Rules Implementation		Sten 5: Display message	
Step 6: Position cursor in Email field and return to step 3 Conclusions Supplier is registered Orders may now be sent to this supplier Business Rules Implementation			
Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		En_code format invalid	
Conclusions Supplier is registered Post conditions Orders may now be sent to this supplier Business Rules Implementation		Step 6: Position cursor in Email	
Post conditions Orders may now be sent to this supplier Business Rules Implementation		field and return to step 3	
Post conditions Orders may now be sent to this supplier Business Rules Implementation	Conclusions	Supplier is registered	
Business Rules Implementation	Post conditions		
·	Business Rules		
Constraints	Implementation		
0011001001100	Constraints		