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Team 7: Omnia

Project: Water Resort
administration system

System Name:
Hydrotech

Iteration 7 – Technical Primitive Diagram

This document will define our Final Technical Primitive Diagrams of the use cases we present for the finalised design specification documentation.



Table of Contents

1. DOCUMENT INTRODUCTION	5
2. TECHNICAL PRIMITIVE DIAGRAM.....	6
2.1. SUBSYSTEM 1 – USER	6
2.2. SUBSYSTEM 2 – CLIENT	10
2.3. SUBSYSTEM 3 - ACCOMMODATION	16
2.4. SUBSYSTEM 4 - TICKETING	22
2.5. SUBSYSTEM 5 – EVENTS	26
2.6. SUBSYSTEM 6 – ADMINISTRATION	32
2.7. SUBSYSTEM 7 – INVENTORY	54
2.8. SUBSYSTEM 8 - REPORTS	72
4. DOCUMENT CONCLUSION	83
5. TEAM SIGN-OFF	84
6. CLIENT SIGN-OFF	86

Table of Figures

FIGURE 1: 1.1- LOGIN PRIMITIVE LEVEL DIAGRAM	6
FIGURE 2: 1.2-LOGOUT PRIMITIVE LEVEL DIAGRAM.....	6
FIGURE 3: 1.3- FORGOT PASSWORD PRIMITIVE LEVEL DIAGRAM.....	7
FIGURE 4: 1.4- UPDATE PASSWORD PRIMITIVE LEVEL DIAGRAM	8
FIGURE 5: 1.5:UPDATE EMAIL ADDRESS PRIMITIVE LEVEL DIAGRAM	9
FIGURE 6: 2.1:REGISTER CLIENT PRIMITIVE LEVEL DIAGRAM.....	10
FIGURE 7: 2.2:VIEW PROFILE PRIMITIVE LEVEL DIAGRAM	11
FIGURE 8:2.3:UPDATE CLIENT DETAILS PRIMITIVE LEVEL DIAGRAM.....	12
FIGURE 9:2.4:VIEW RESORT PRIMITIVE LEVEL DIAGRAM	13
FIGURE 10:2.5:ADD REVIEW PRIMITIVE LEVEL DIAGRAM	14
FIGURE 11:2.6:VIEW CLIENT HOMEPAGE PRIMITIVE LEVEL DIAGRAM	15
FIGURE 12: 3.1:FILTER ROOM BOOKING PRIMITIVE LEVEL DIAGRAM	16
FIGURE 13:3.2:MAKE ROOM BOOKING PRIMITIVE LEVEL DIAGRAM	17
FIGURE 14:3.3:CANCEL ROOM BOOKING PRIMITIVE LEVEL DIAGRAM	18
FIGURE 15:3.4:SEND ACCOMMODATION REMINDER PRIMITIVE LEVEL DIAGRAM.....	18
FIGURE 16:3.5:VIEW ROOM TYPE PRIMITIVE LEVEL DIAGRAM	19
FIGURE 17: 3.6:ADD ROOM TYPE PRIMITIVE LEVEL DIAGRAM.....	20
FIGURE 18:3.7:UPDATE ROOM TYPE PRIMITIVE LEVEL DIAGRAM	21
FIGURE 19:3.8:DELETE ROOM TYPE PRIMITIVE LEVEL DIAGRAM	21
FIGURE 20:4.1:VIEW TICKET BOOKING PRIMITIVE LEVEL DIAGRAM	22
FIGURE 21:4.2:MAKE TICKET BOOKING PRIMITIVE LEVEL DIAGRAM	23
FIGURE 22:4.3-VIEW DAY VISIT TICKET PRICES PRIMITIVE LEVEL DIAGRAM	24
FIGURE 23:4.4-UPDATE DAY VISIT TICKET PRICES PRIMITIVE LEVEL DIAGRAM	25
FIGURE 24:5.1-VIEW EVENT BOOKING PRIMITIVE LEVEL DIAGRAM.....	26
FIGURE 25:5.2-MAKE EVENT BOOKING PRIMITIVE LEVEL DIAGRAM PART 1	27
FIGURE 26:5.2- MAKE EVENT BOOKING PRIMITIVE LEVEL DIAGRAM PART 2	28
FIGURE 27:5.3-CANCEL EVENT BOOKING PRIMITIVE LEVEL DIAGRAM	29
FIGURE 28:5.4-SEND EVENT BOOKING REMINDER PRIMITIVE LEVEL DIAGRAM	29
FIGURE 29:5.5-VIEW EVENT PRICE PRIMITIVE LEVEL DIAGRAM	30
FIGURE 30:5.6-UPDATE EVENT PRICE PRIMITIVE LEVEL DIAGRAM	31
FIGURE 31:6.1-VIEW EMPLOYEE PRIMITIVE LEVEL DIAGRAM	32



FIGURE 32:6.2.-ADD EMPLOYEE PRIMITIVE LEVEL DIAGRAM	33
FIGURE 33:6.3-UPDATE EMPLOYEE PRIMITIVE LEVEL DIAGRAM.....	34
FIGURE 34:6.4-DELETE EMPLOYEE PRIMITIVE LEVEL DIAGRAM	34
FIGURE 35:6.5-VIEW EMPLOYEE TYPE PRIMITIVE LEVEL DIAGRAM	35
FIGURE 36:6.6-ADD EMPLOYEE TYPE PRIMITIVE LEVEL DIAGRAM.....	36
FIGURE 37:6.7- UPDATE EMPLOYEE TYPE PRIMITIVE LEVEL DIAGRAM	37
FIGURE 38:6.8- DELETE EMPLOYEE TYPE PRIMITIVE LEVEL DIAGRAM.....	37
FIGURE 39:6.9-VIEW ACCOMMODATION PRIMITIVE LEVEL DIAGRAM.....	38
FIGURE 40:6.10-ROOM CHECK-IN PRIMITIVE LEVEL DIAGRAM.....	39
FIGURE 41:6.11-ROOM CHECK-OUT PRIMITIVE LEVEL DIAGRAM.....	40
FIGURE 42:6.12-VIEW VAT PRIMITIVE LEVEL DIAGRAM	41
FIGURE 43:6.13-CREATE VAT PRIMITIVE LEVEL DIAGRAM.....	42
FIGURE 44:6.14-UPDATE VAT PRIMITIVE LEVEL DIAGRAM.....	42
FIGURE 45:6.15-VIEW AUDIT LOG SCREEN PRIMITIVE LEVEL DIAGRAM.....	43
FIGURE 46: 6.16-VIEW REMINDER TIMER PRIMITIVE LEVEL DIAGRAM	43
FIGURE 47:6.17-UPDATE REMINDER TIMER PRIMITIVE LEVEL DIAGRAM	44
FIGURE 48:6.18- VIEW DAY VISITS PRIMITIVE LEVEL DIAGRAM	45
FIGURE 49:6.19-CHECK-IN TICKET PRIMITIVE LEVEL DIAGRAM.....	46
FIGURE 50:6.20-VIEW EVENTS PRIMITIVE LEVEL DIAGRAM	47
FIGURE 51:6.21-EVENT CHECK-IN PRIMITIVE LEVEL DIAGRAM	48
FIGURE 52:6.22-EVENT CHECK-OUT PRIMITIVE LEVEL DIAGRAM.....	48
FIGURE 53:6.23-VIEW DASHBOARD PRIMITIVE LEVEL DIAGRAM.....	49
FIGURE 54:6.24-VIEW ACCOUNT PRIMITIVE LEVEL DIAGRAM.....	50
FIGURE 55:6.25-VIEW REFUNDS PRIMITIVE LEVEL DIAGRAM.....	51
FIGURE 56:6.26-REFUND ROOM BOOKING PRIMITIVE LEVEL DIAGRAM	52
FIGURE 57:6.27-REFUND EVENT BOOKING PRIMITIVE LEVEL DIAGRAM.....	53
FIGURE 58:7.1-VIEW ITEM PRIMITIVE LEVEL DIAGRAM	54
FIGURE 59:7.2-ADD ITEM PRIMITIVE LEVEL DIAGRAM.....	55
FIGURE 60:7.3-UPDATE ITEM PRIMITIVE LEVEL DIAGRAM	56
FIGURE 61: 7.4-DELETE ITEM PRIMITIVE LEVEL DIAGRAM.....	57
FIGURE 62:7.5-VIEW ITEM TYPE PRIMITIVE LEVEL DIAGRAM.....	58
FIGURE 63:7.6-ADD ITEM TYPE PRIMITIVE LEVEL DIAGRAM	59
FIGURE 64:7.7-UPDATE ITEM TYPE PRIMITIVE LEVEL DIAGRAM	60
FIGURE 65:7.8-DELETE ITEM TYPE PRIMITIVE LEVEL DIAGRAM.....	61
FIGURE 66:7.9-VIEW ITEM CATEGORY PRIMITIVE LEVEL DIAGRAM	62
FIGURE 67:7.10-ADD ITEM CATEGORY PRIMITIVE LEVEL DIAGRAM	63
FIGURE 68:7.11-UPDATE ITEM CATEGORY PRIMITIVE LEVEL DIAGRAM	64
FIGURE 69:7.12-DELETE ITEM CATEGORY PRIMITIVE LEVEL DIAGRAM	65
FIGURE 70:7.13-VIEW SUPPLIER PRIMITIVE LEVEL DIAGRAM.....	66
FIGURE 71:7.14-ADD SUPPLIER PRIMITIVE LEVEL DIAGRAM	67
FIGURE 72:7.15-UPDATE SUPPLIER PRIMITIVE LEVEL DIAGRAM	68
FIGURE 73:7.16-DELETE SUPPLIER PRIMITIVE LEVEL DIAGRAM.....	68
FIGURE 74:7.17-VIEW SUPPLIER ORDER PRIMITIVE LEVEL DIAGRAM.....	69
FIGURE 75:7.18-PLACE SUPPLIER ORDER PRIMITIVE LEVEL DIAGRAM.....	70
FIGURE 76:7.19- CANCEL SUPPLIER ORDER PRIMITIVE LEVEL DIAGRAM.....	71
FIGURE 77:7.20-RECEIVE SUPPLIER ORDER PRIMITIVE LEVEL DIAGRAM	71
FIGURE 78:8.1-VIEW REPORTS PRIMITIVE LEVEL DIAGRAM	72
FIGURE 79:8.2-GENERATE PEAK SEASON DAY VISIT SUMMARY PRIMITIVE LEVEL DIAGRAM	73
FIGURE 80:8.3-GENERATE ACCOMMODATION SUMMARY REPORT PRIMITIVE LEVEL DIAGRAM	74
FIGURE 81:8.4-GENERATE ROOM RATING REPORT PRIMITIVE LEVEL DIAGRAM	75
FIGURE 82:8.5-CUSTOMER DEMOGRAPHIC REPORT PRIMITIVE LEVEL DIAGRAM	76
FIGURE 83:8.6-GENERATE EVENT TYPE REPORT PRIMITIVE LEVEL DIAGRAM.....	77
FIGURE 84: 8.7 GENERATE BOOKING TYPE REMUNERATION REPORT PRIMITIVE LEVEL DIAGRAM	78
FIGURE 85:8.8-GENERATE SUPPLIER ORDER REPORT PRIMITIVE LEVEL DIAGRAM	79



FIGURE 86:8.9-GENERATE EMPLOYEE LIST PRIMITIVE LEVEL DIAGRAM	80
FIGURE 87:8.10-GENERATE AVAILABLE ROOM LIST PRIMITIVE LEVEL DIAGRAM.....	81
FIGURE 88:8.11-GENERATE SUPPLIER LIST PRIMITIVE LEVEL DIAGRAM	82



1. Document Introduction

Primitive Level Diagrams are displayed to provide an in-depth perspective of the flowing of data in the HydroTech system between the actors, processes, and data stores. The technologies and interfaces will be indicated for each data flow.



2. Technical Primitive Diagram

2.1. Subsystem 1 – User

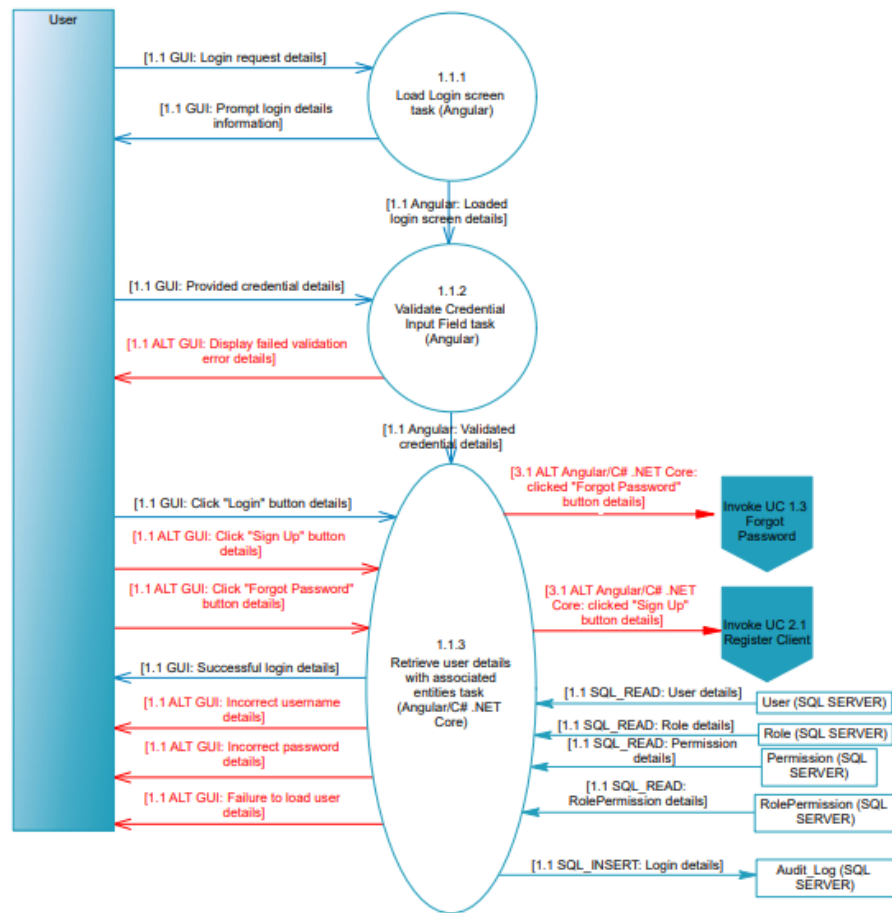


Figure 1: 1.1- Login Primitive Level Diagram

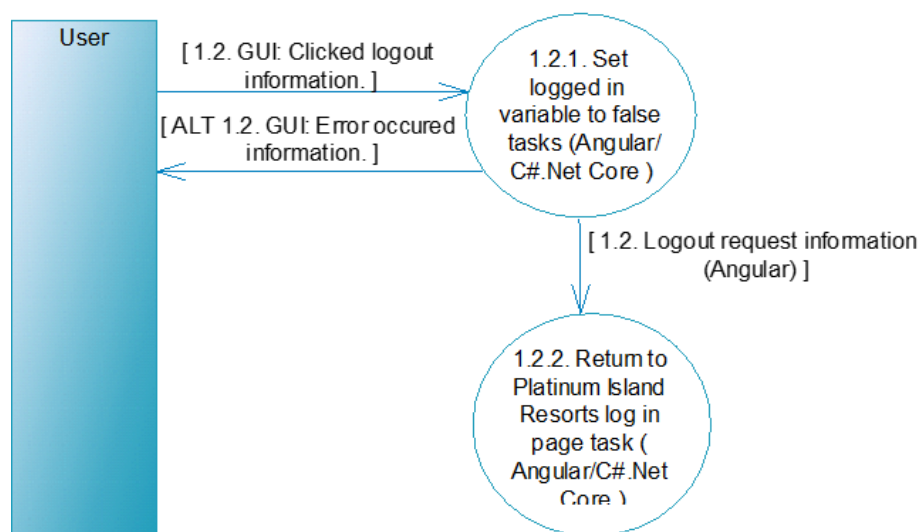


Figure 2: 1.2-Logout Primitive Level Diagram



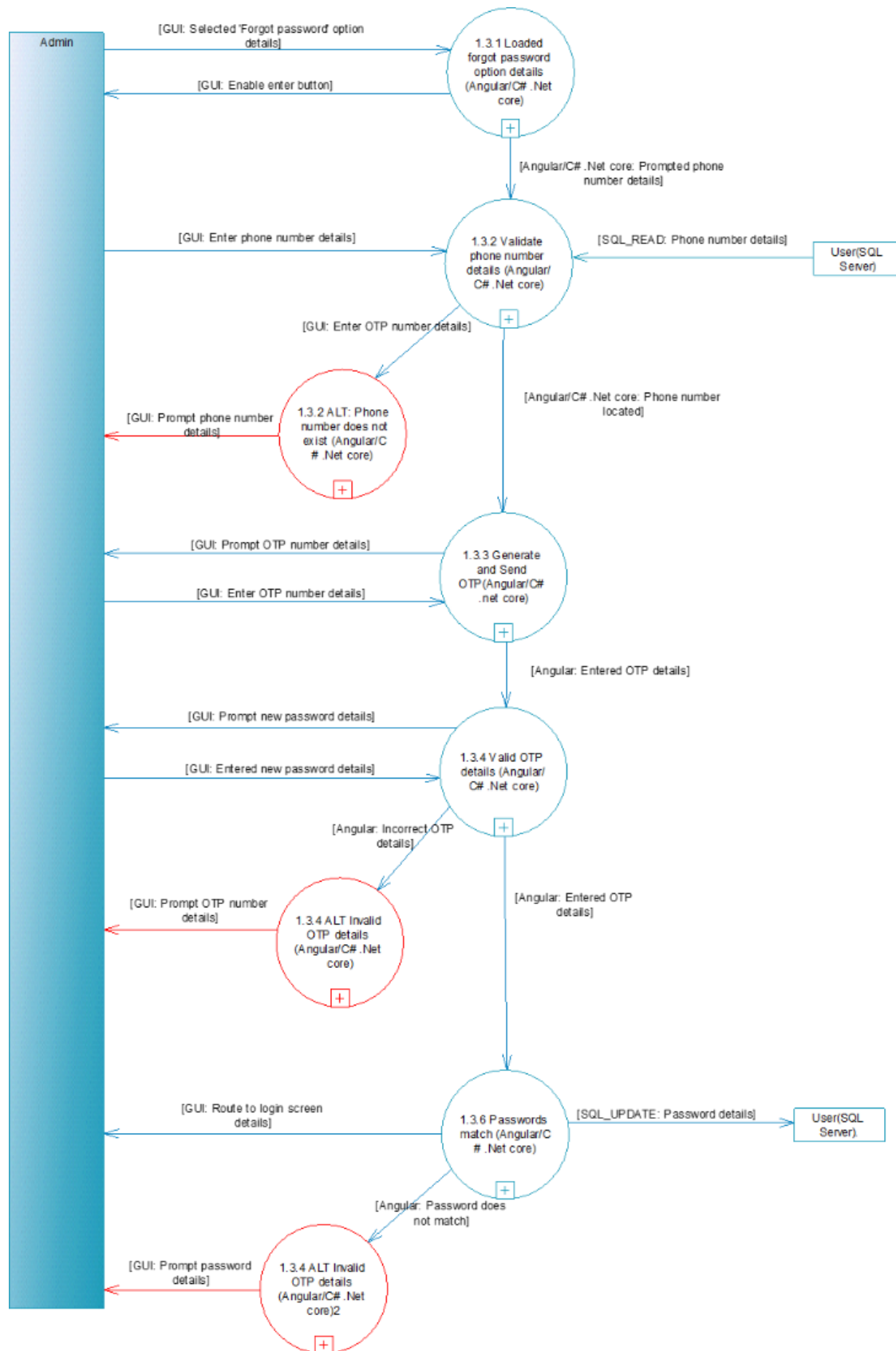


Figure 3: 1.3- Forgot Password Primitive Level Diagram



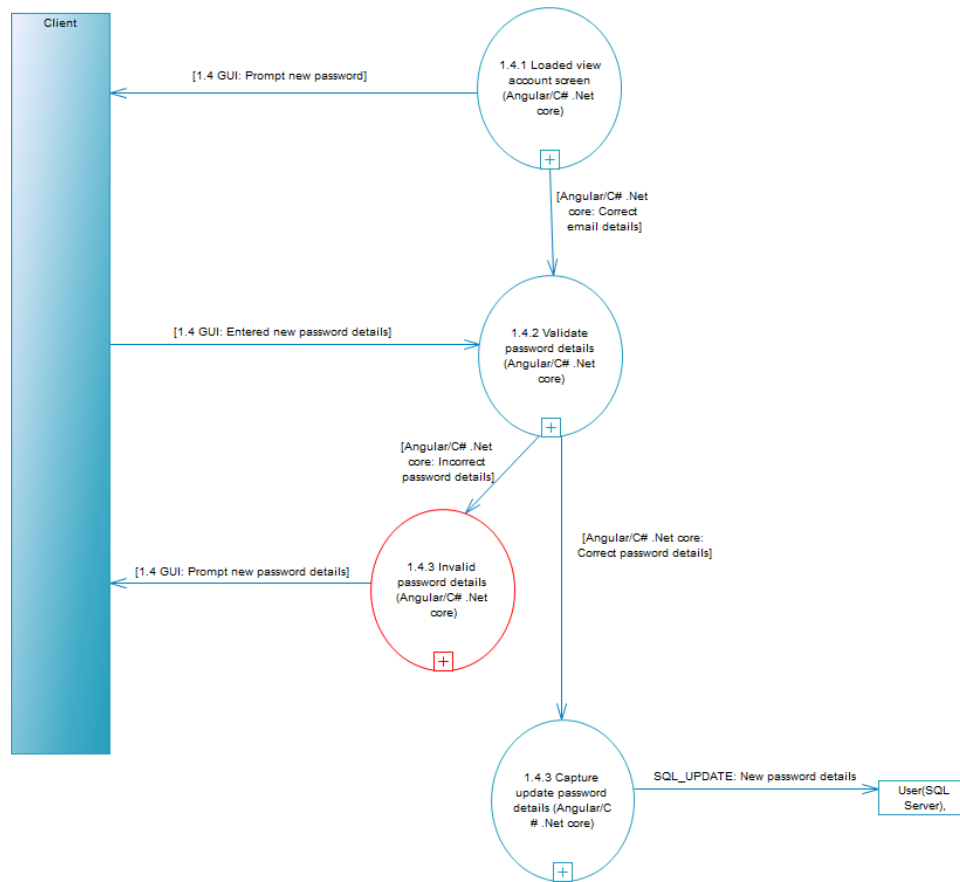


Figure 4: 1.4- Update Password Primitive Level Diagram



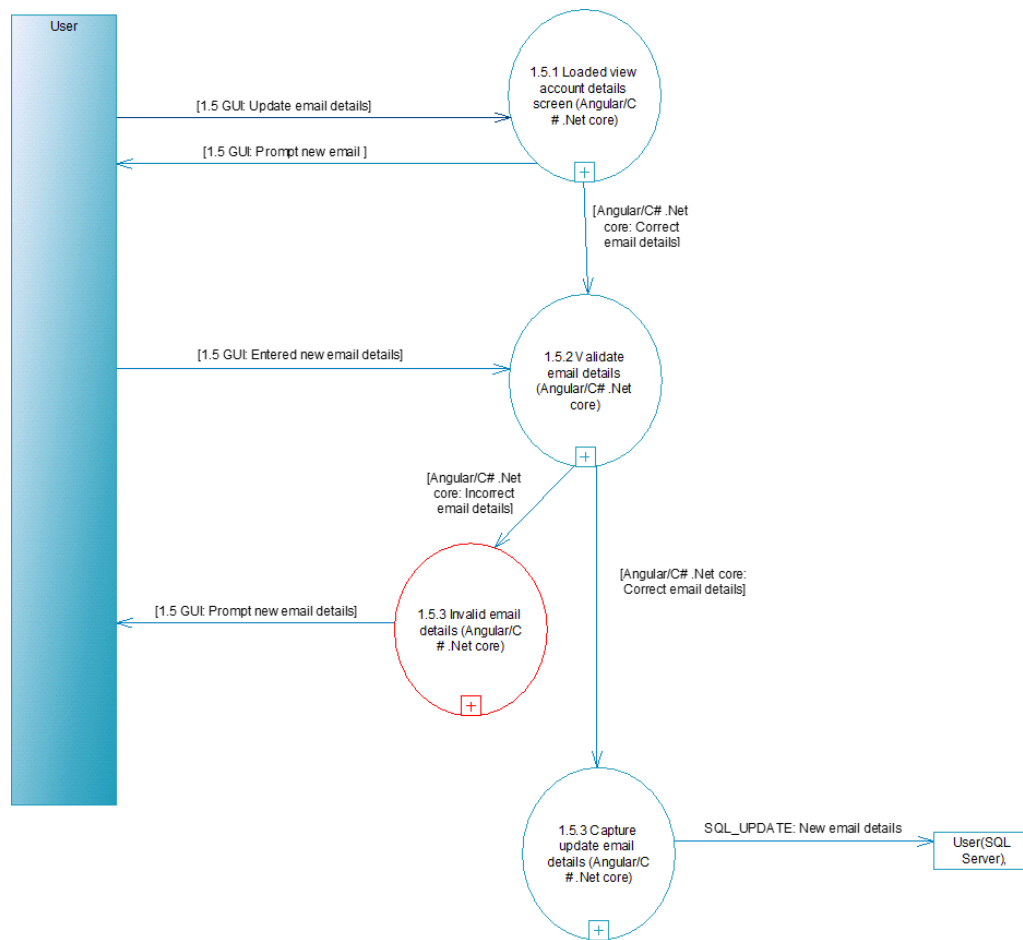


Figure 5: 1.5:Update Email Address Primitive Level Diagram



2.2. Subsystem 2 – Client

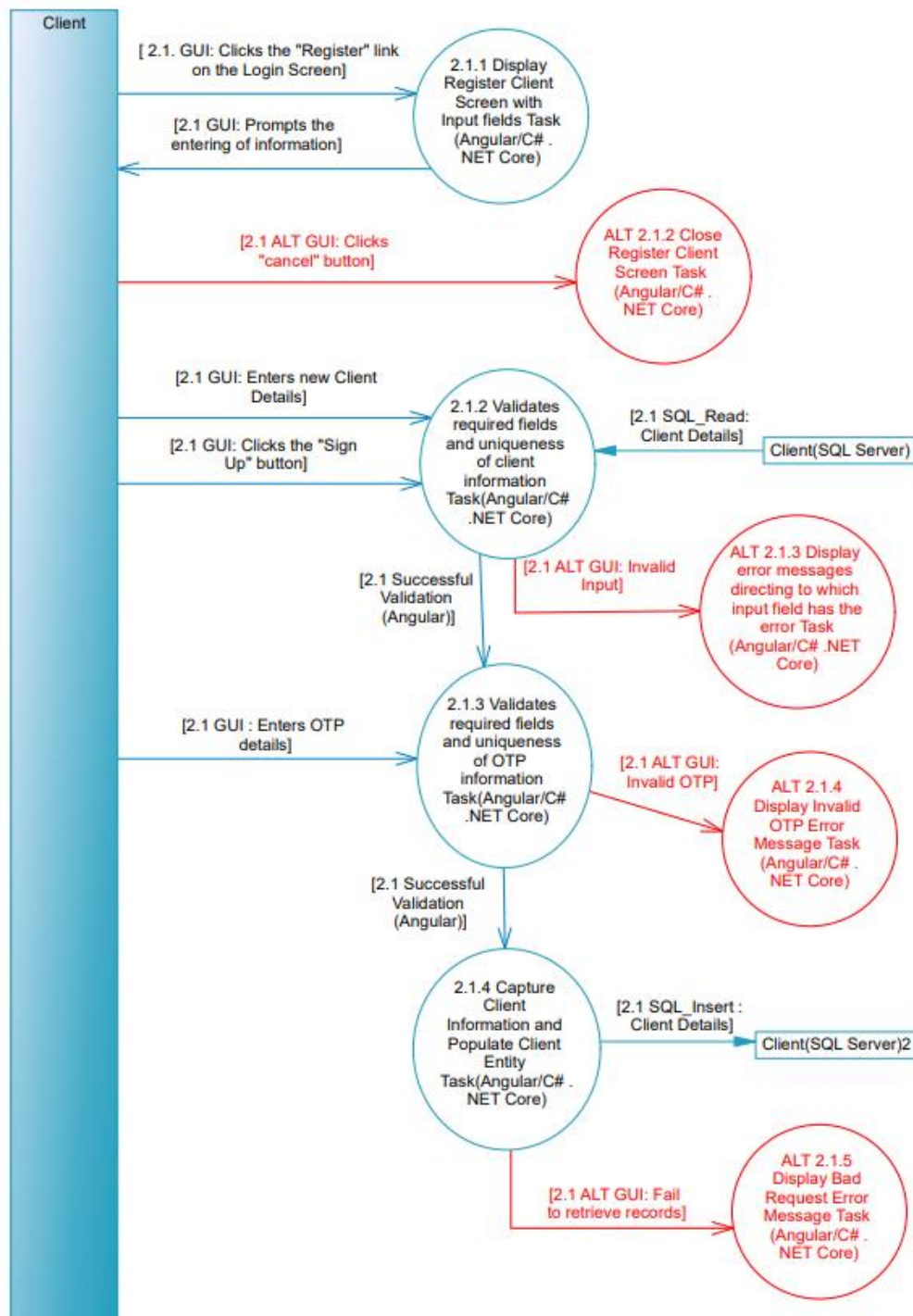


Figure 6: 2.1: Register Client Primitive Level Diagram



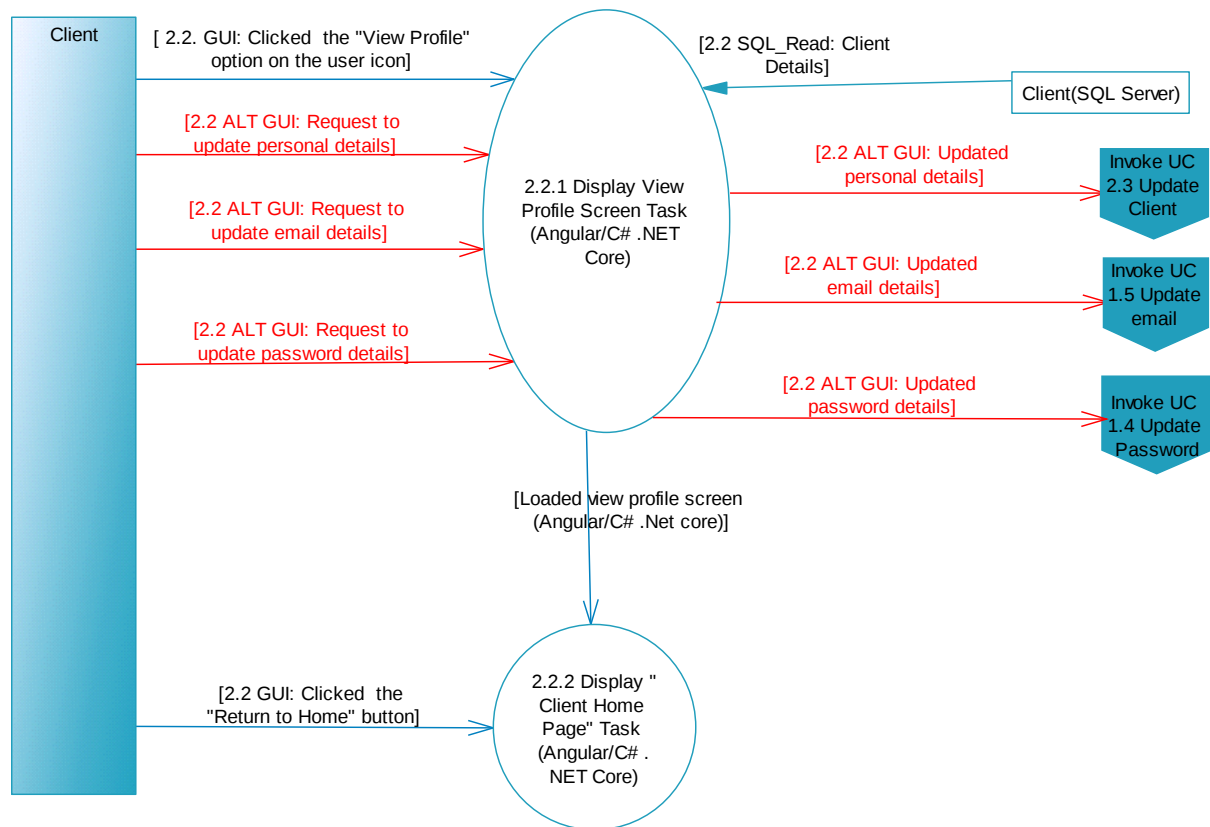


Figure 7: 2.2:View Profile Primitive Level Diagram



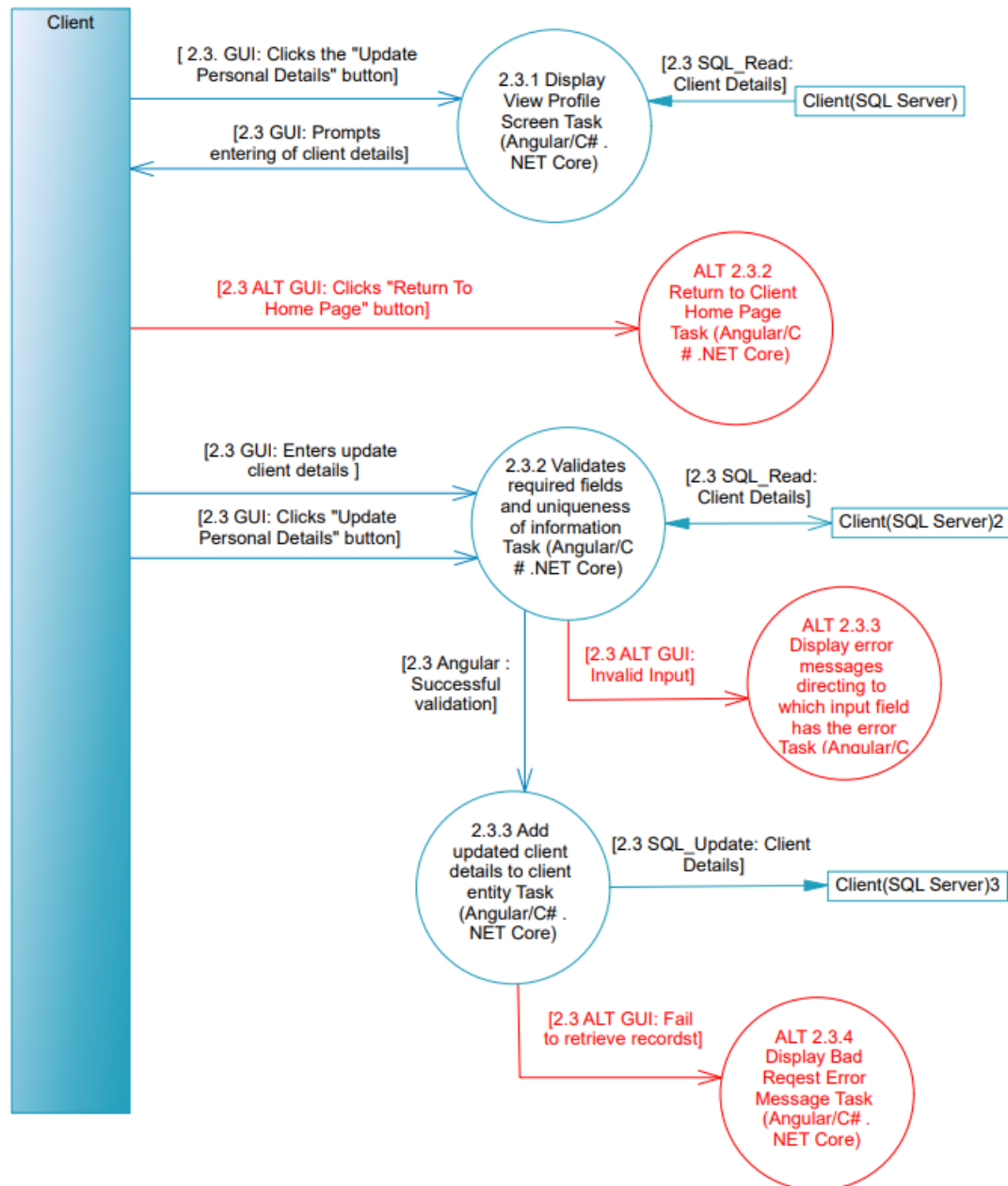


Figure 8:2.3:Update Client Details Primitive Level Diagram



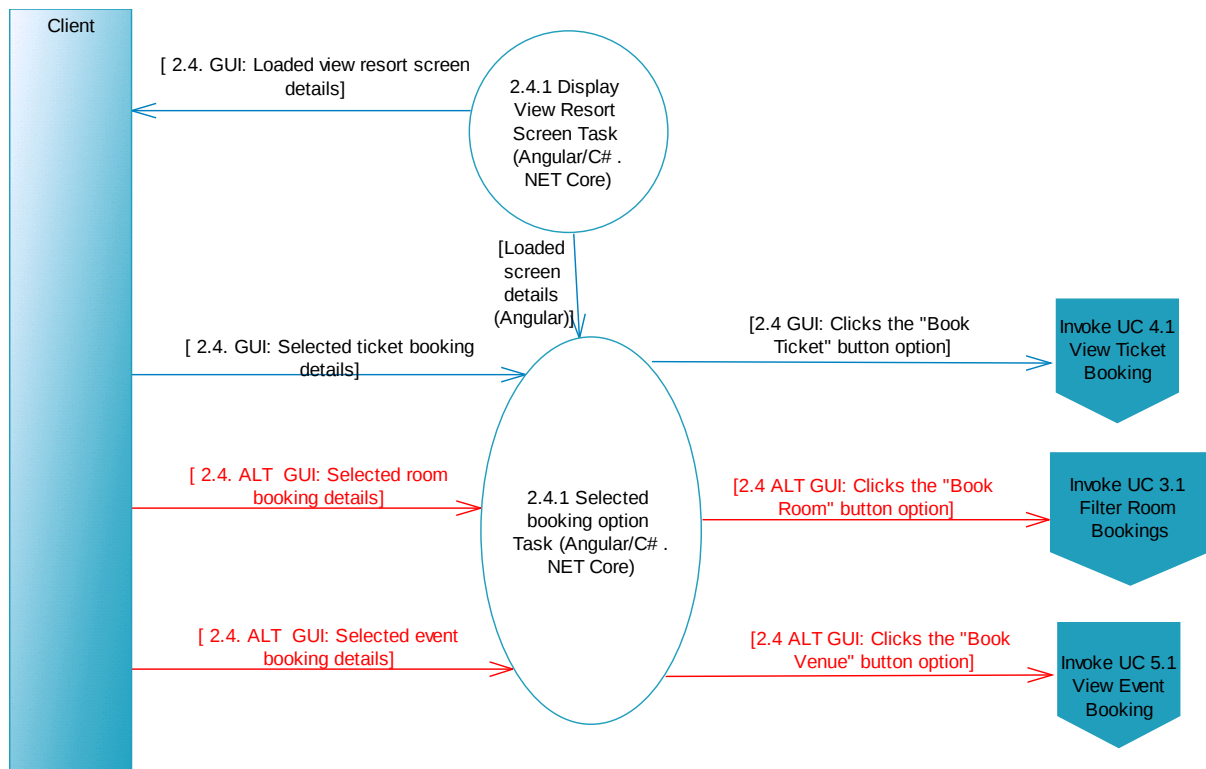
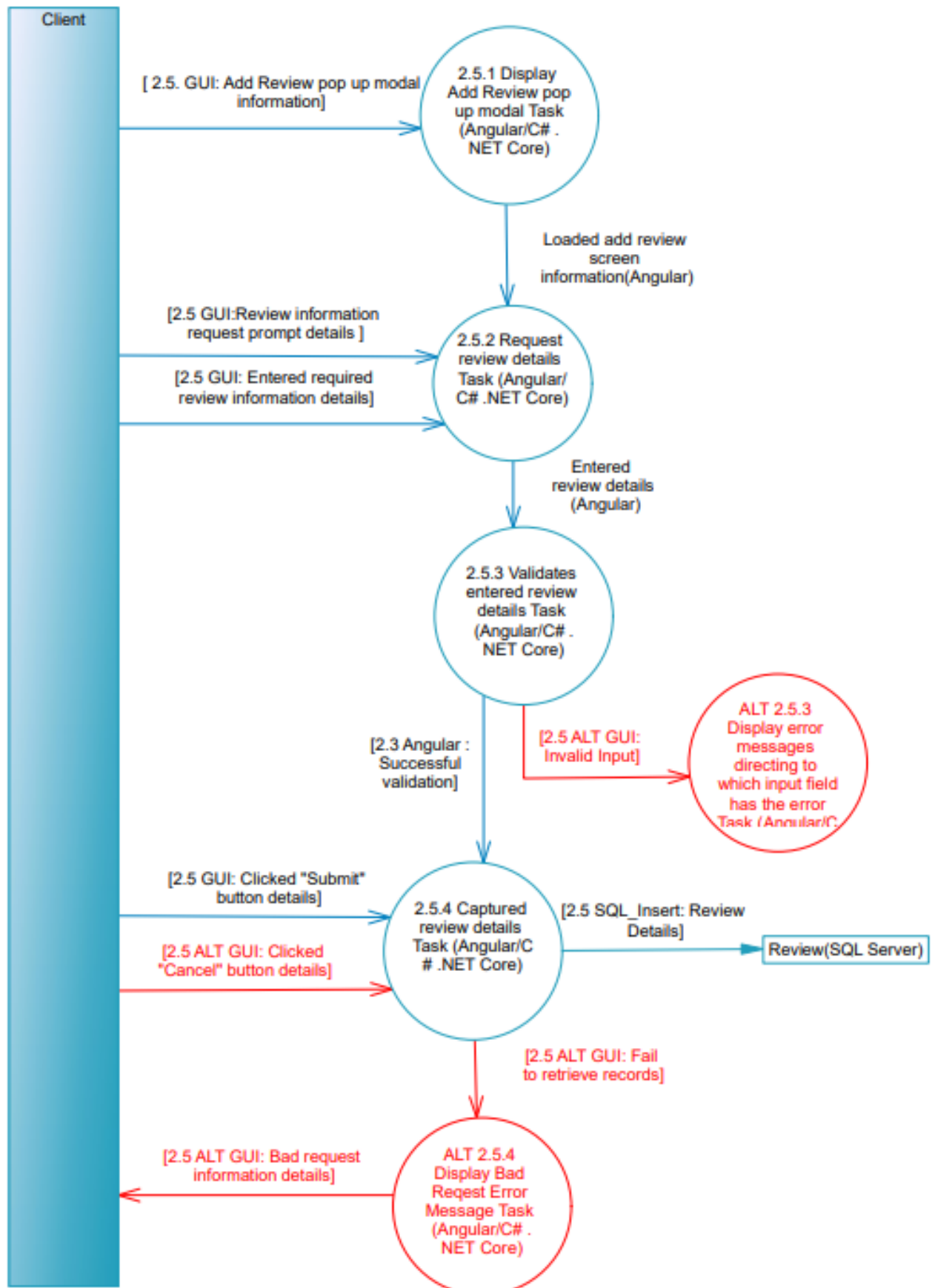


Figure 9:2.4:View Resort Primitive Level Diagram





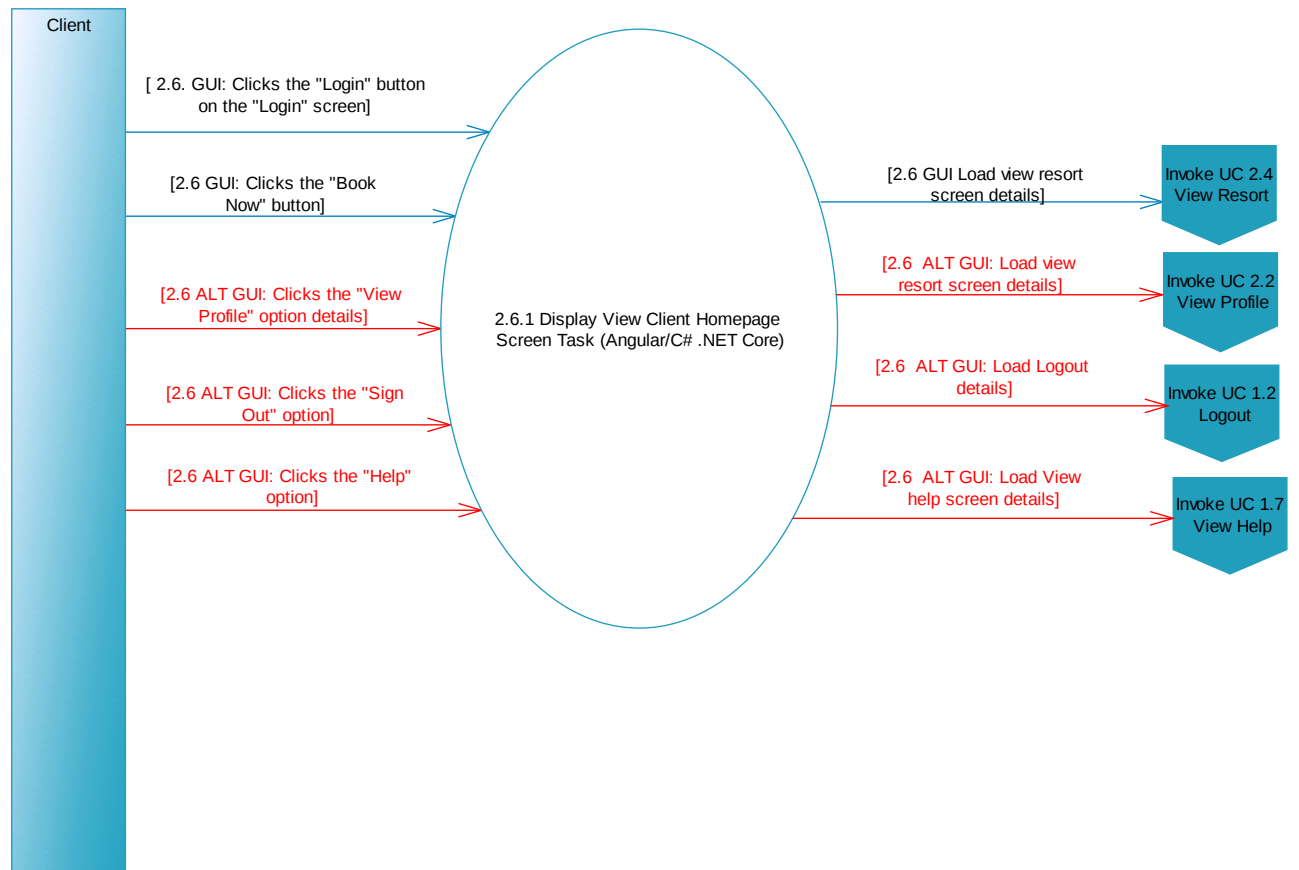


Figure 11:2.6:View Client Homepage Primitive Level Diagram



2.3. Subsystem 3 - Accommodation

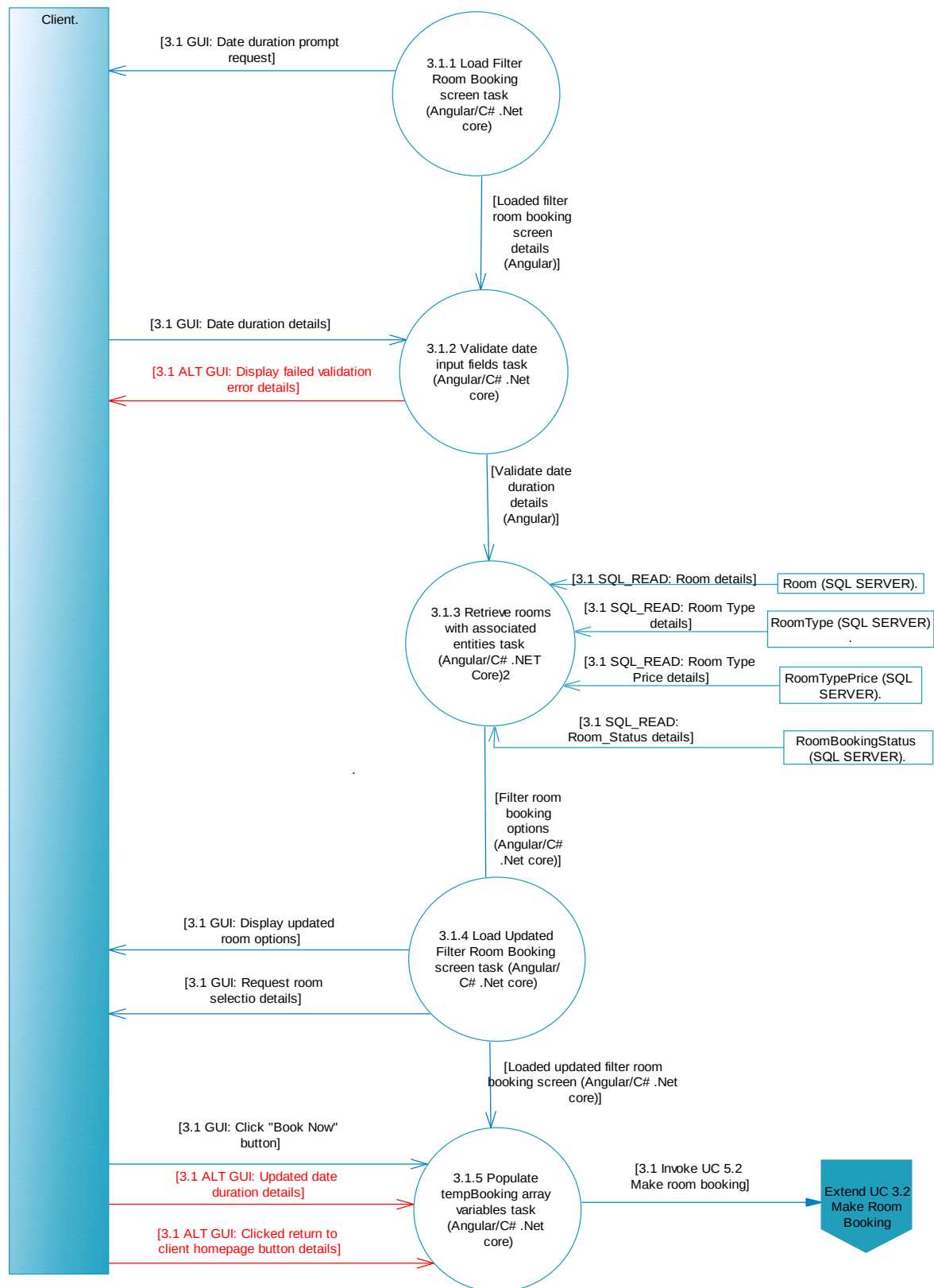


Figure 12: 3.1:Filter Room Booking Primitive Level Diagram



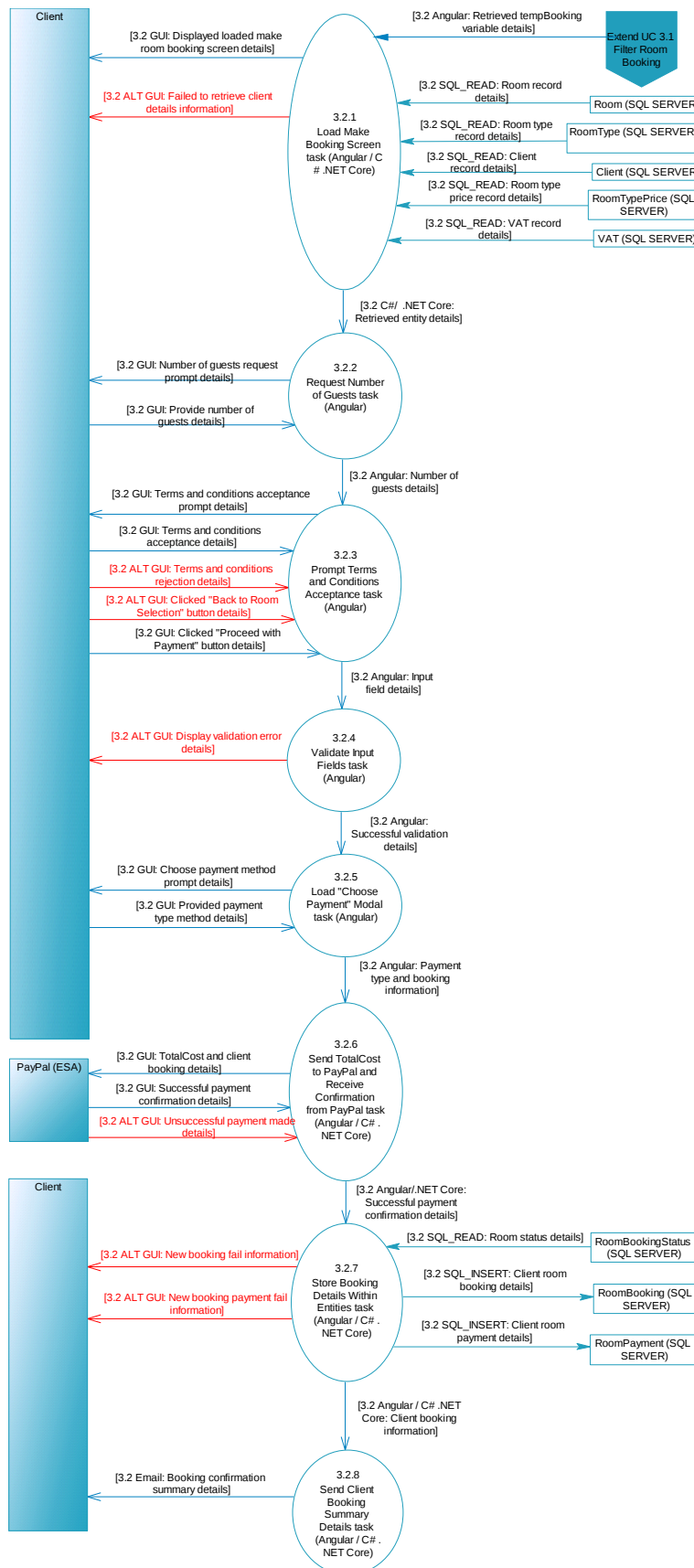
Iteration 7 Technical Primitive
Diagram

Figure 13:3.2:Make Room Booking Primitive Level Diagram



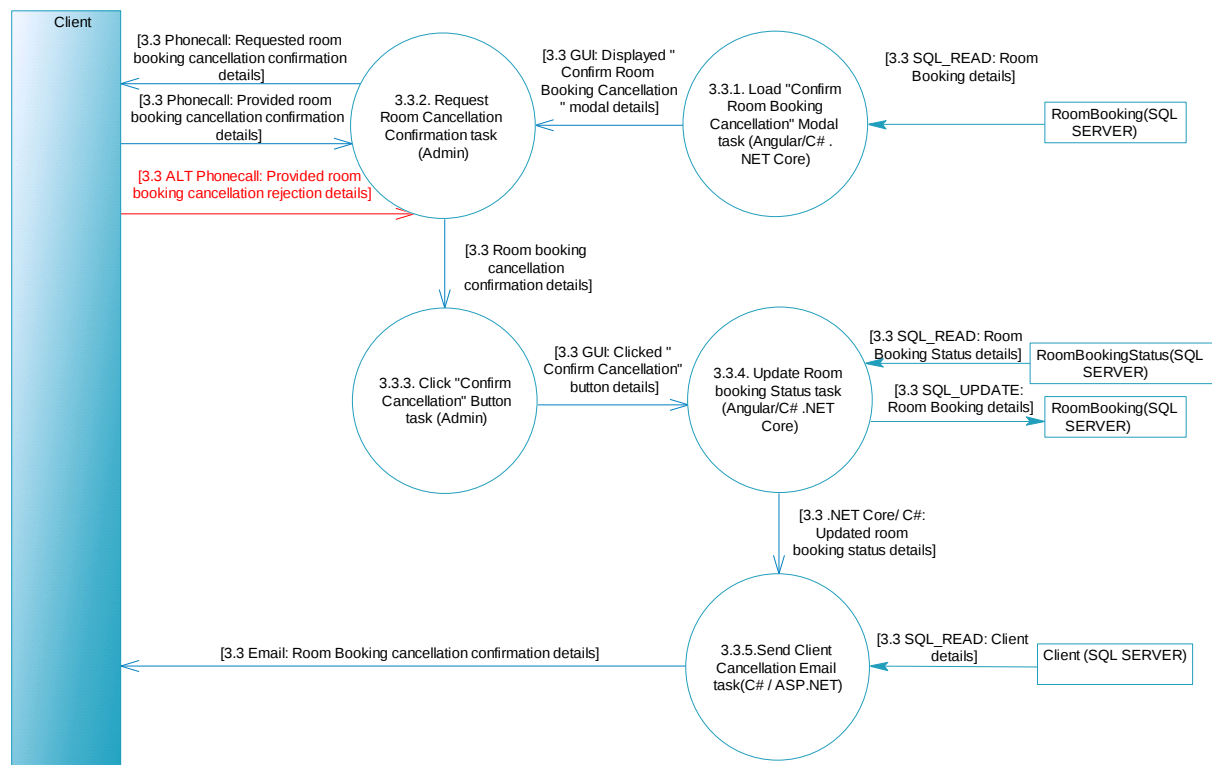


Figure 14:3.3:Cancel Room Booking Primitive Level Diagram

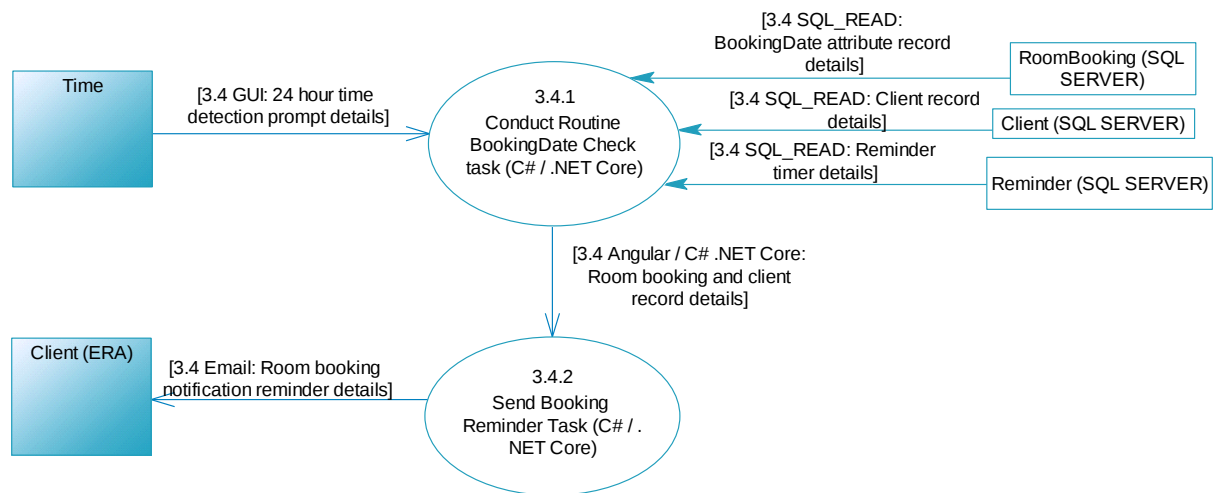


Figure 15:3.4:Send Accommodation Reminder Primitive Level Diagram



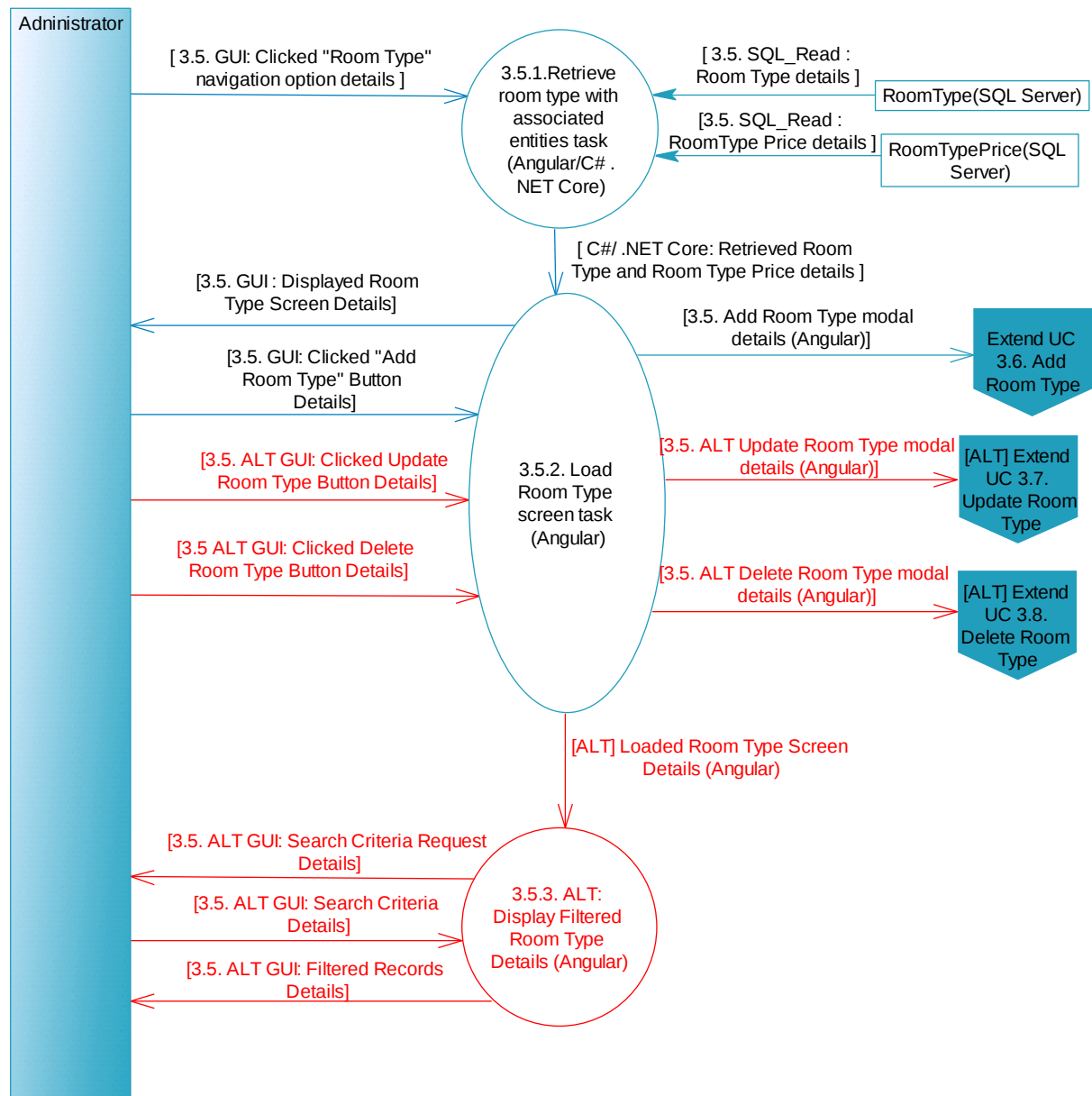


Figure 16:3.5:View Room Type Primitive Level Diagram



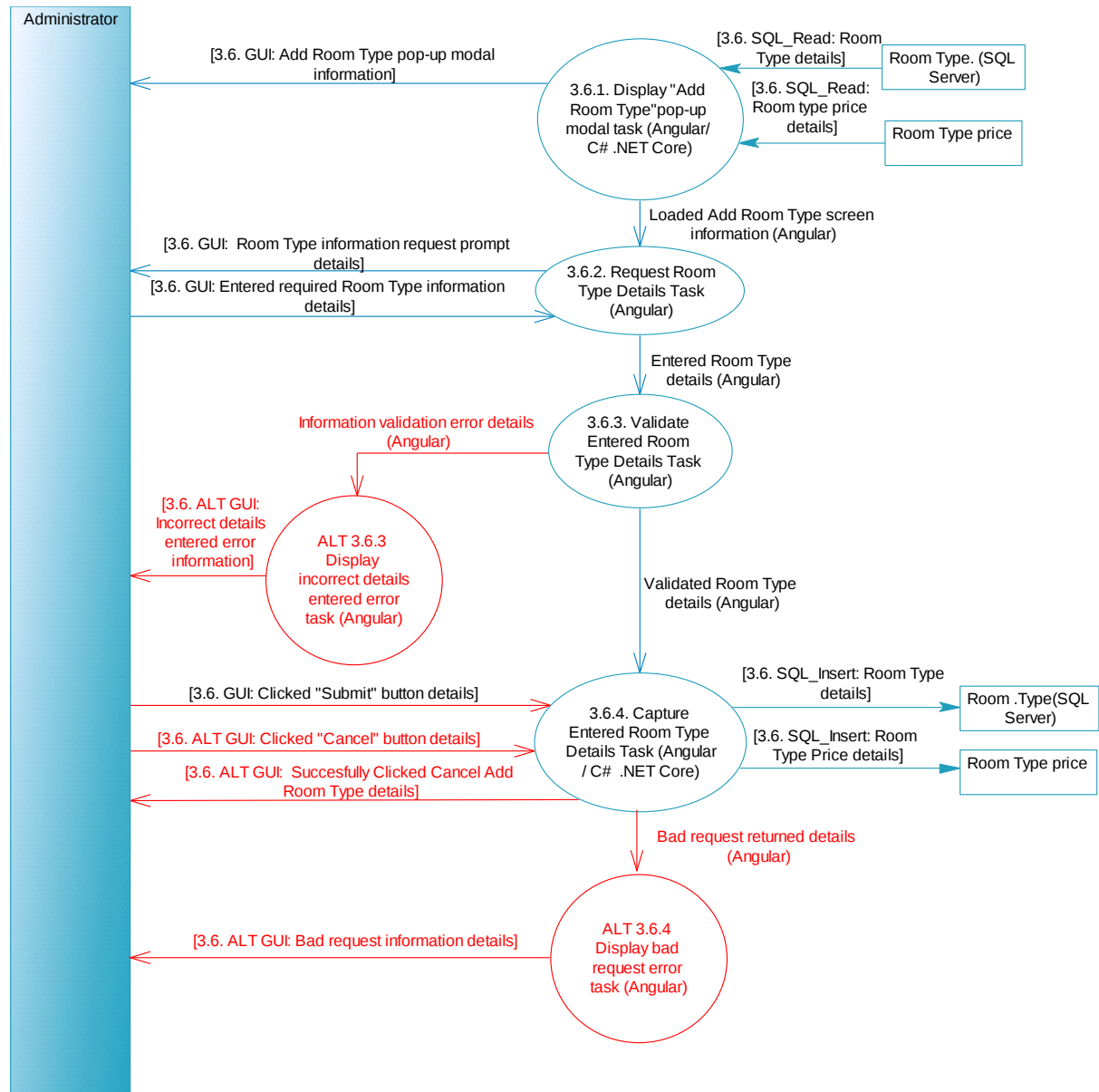


Figure 17: 3.6:Add Room Type Primitive Level Diagram



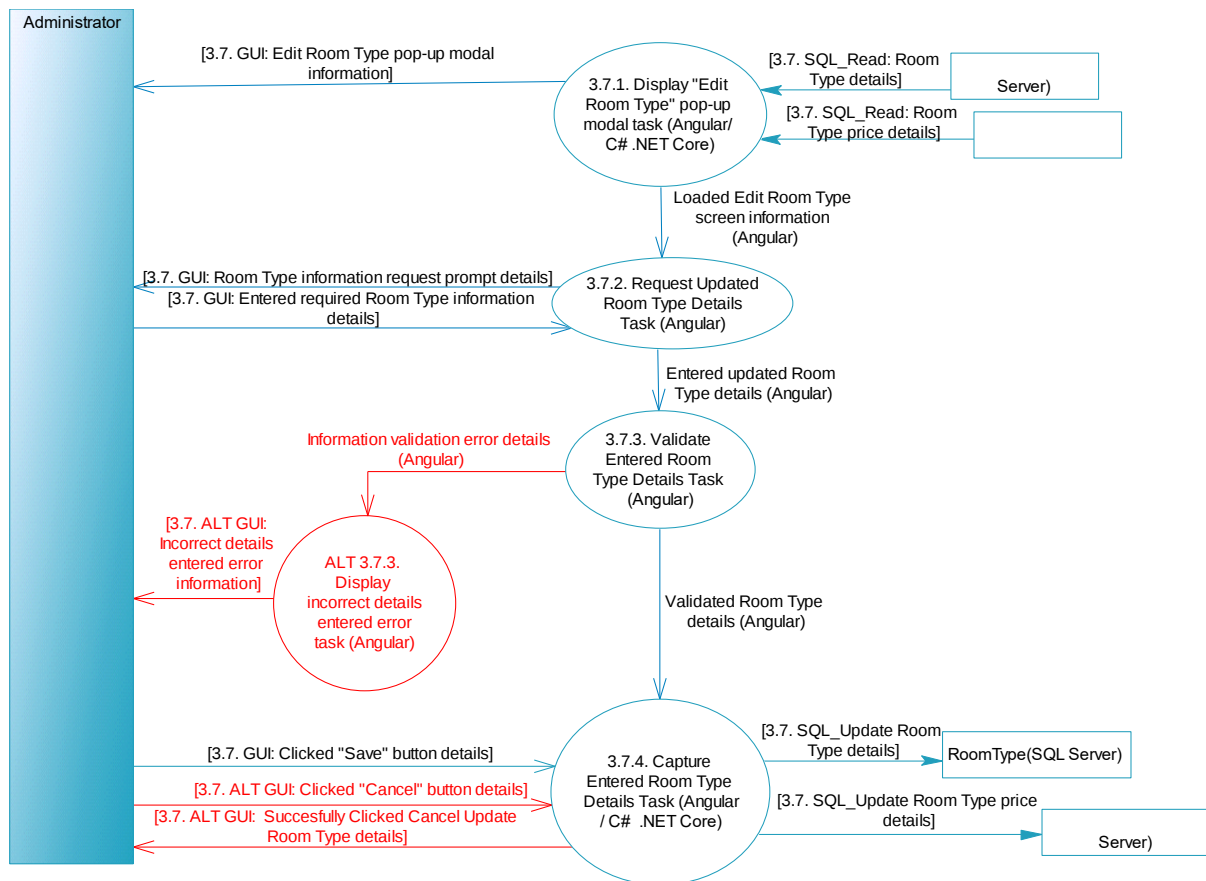


Figure 18:3.7: Update Room Type Primitive Level Diagram

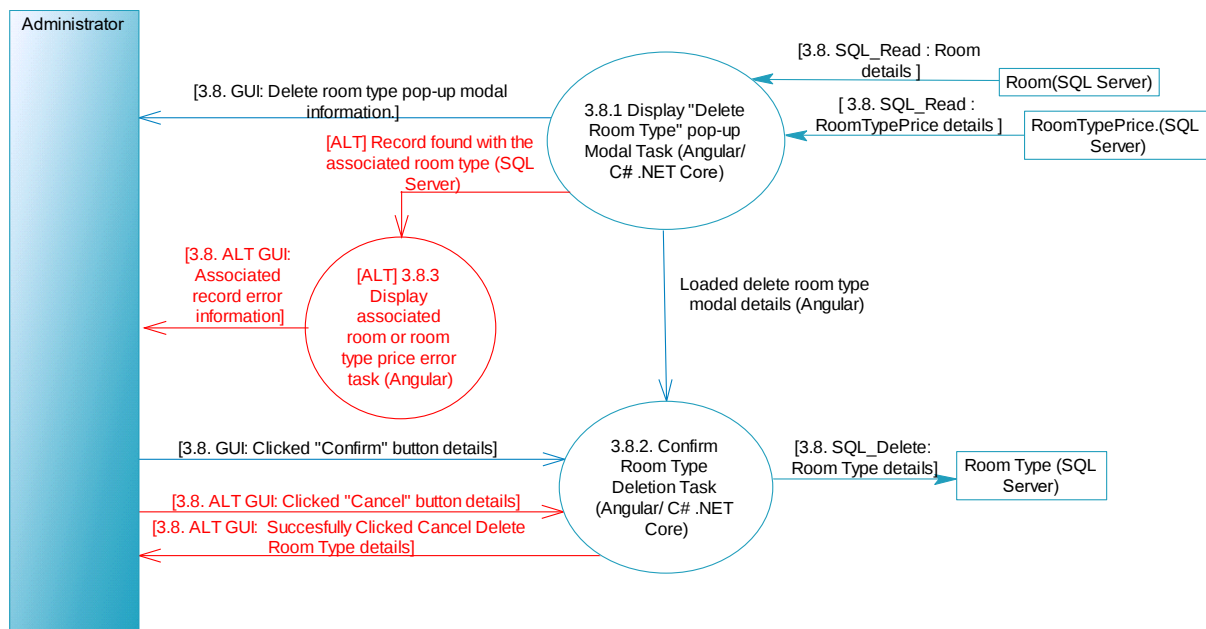


Figure 19:3.8: Delete Room Type Primitive Level Diagram



2.4. Subsystem 4 - Ticketing

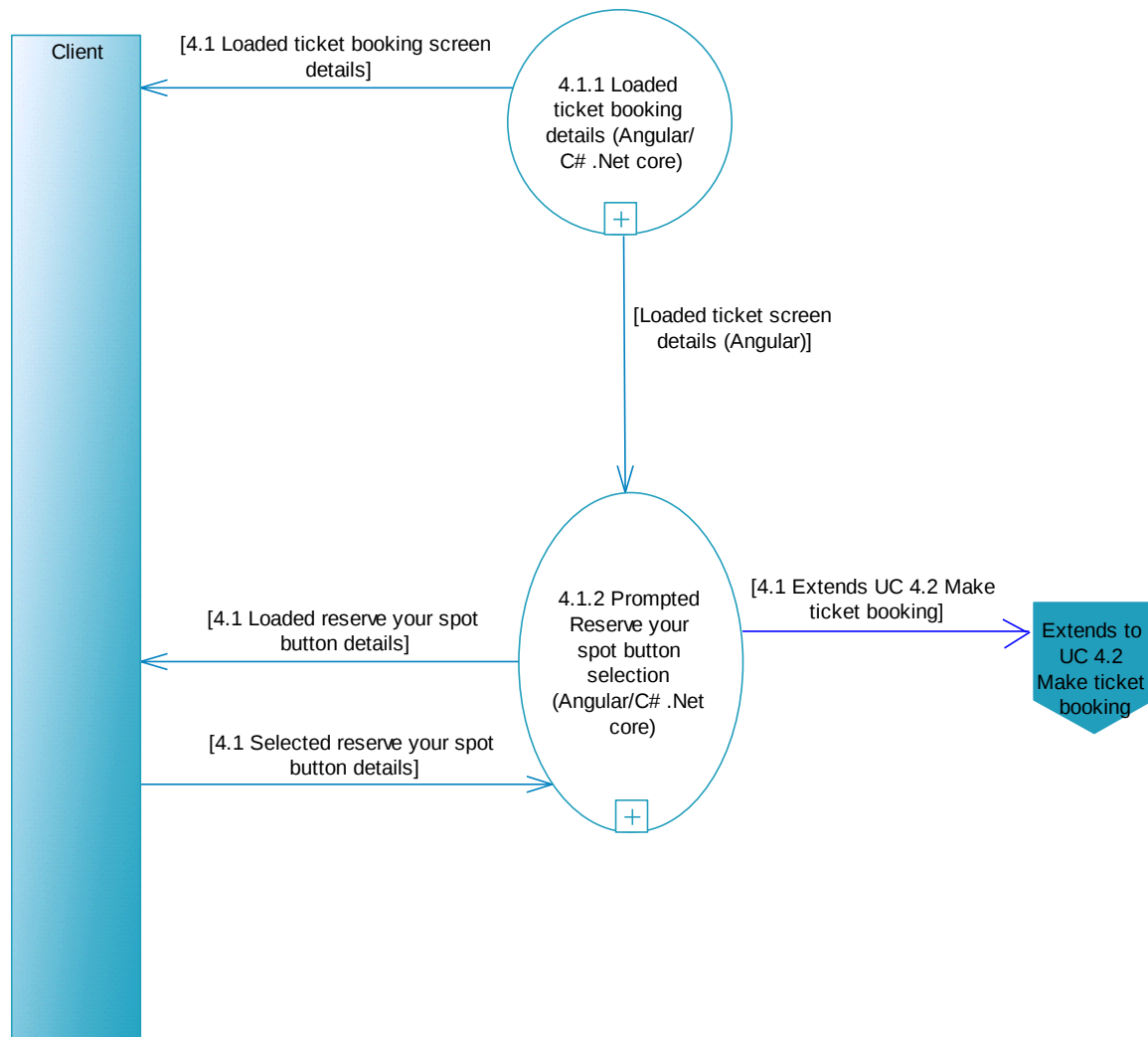


Figure 20:4.1:View Ticket Booking Primitive Level Diagram



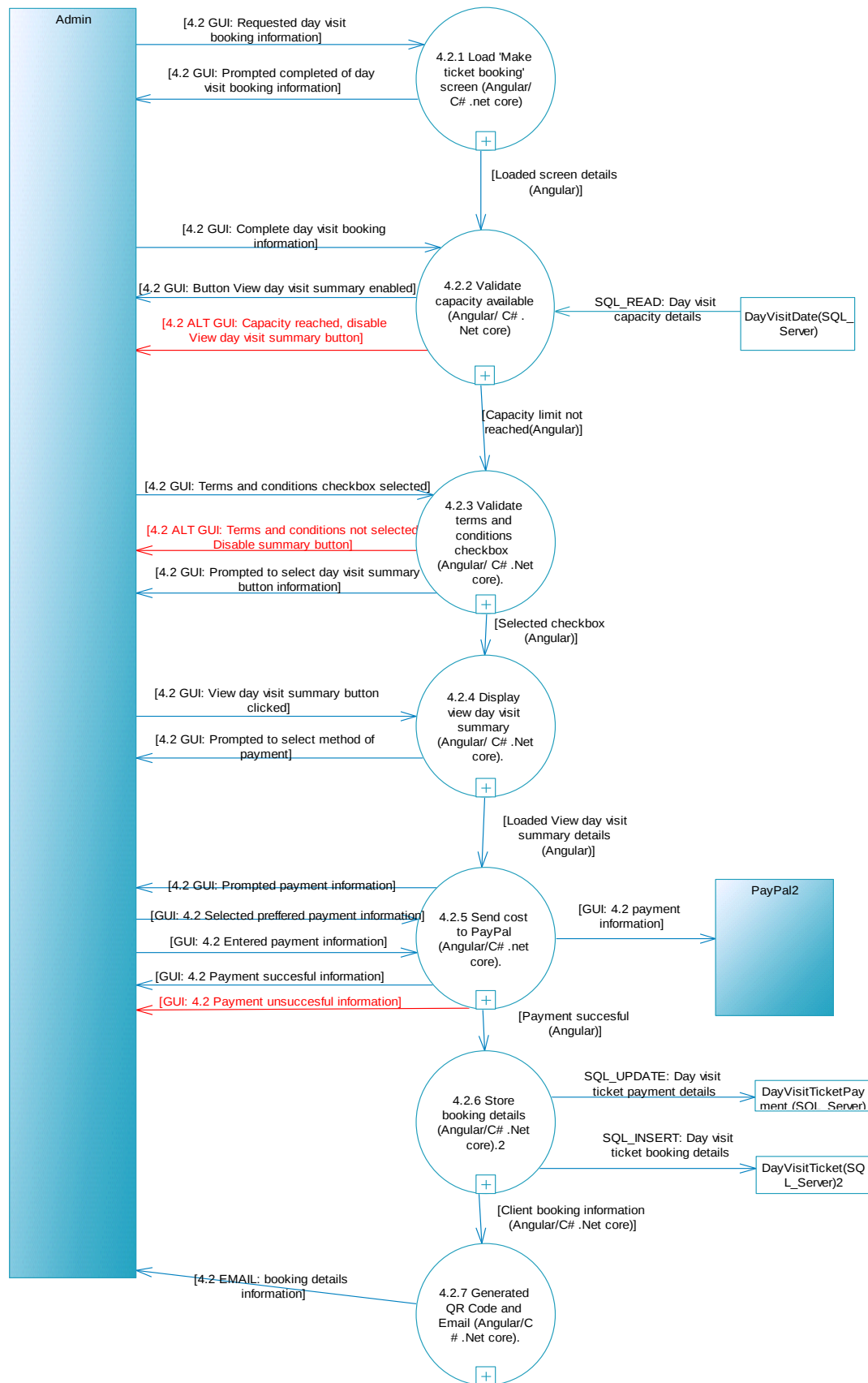


Figure 21:4.2:Make Ticket Booking Primitive Level Diagram



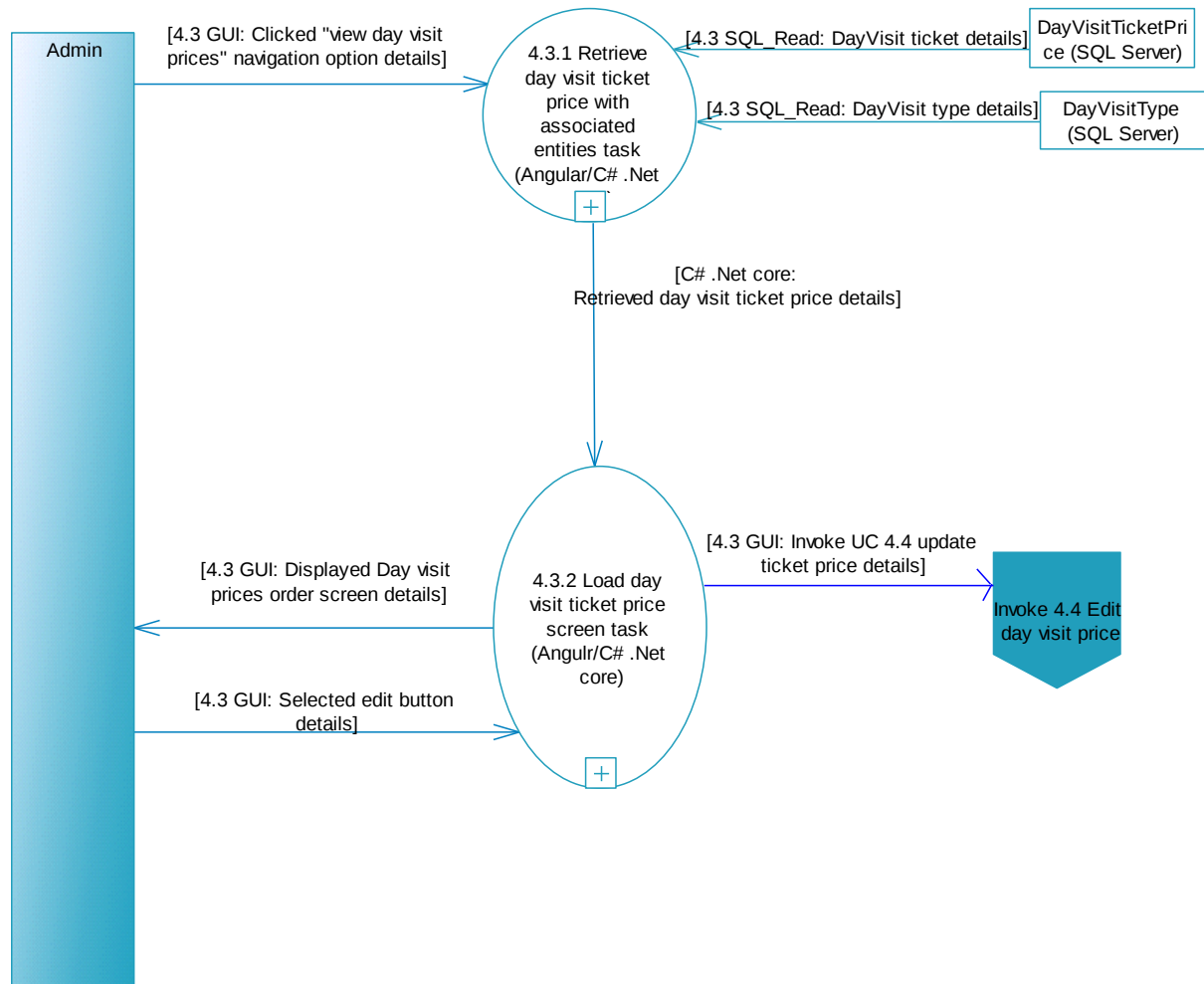


Figure 22:4.3-View Day Visit Ticket Prices Primitive Level Diagram



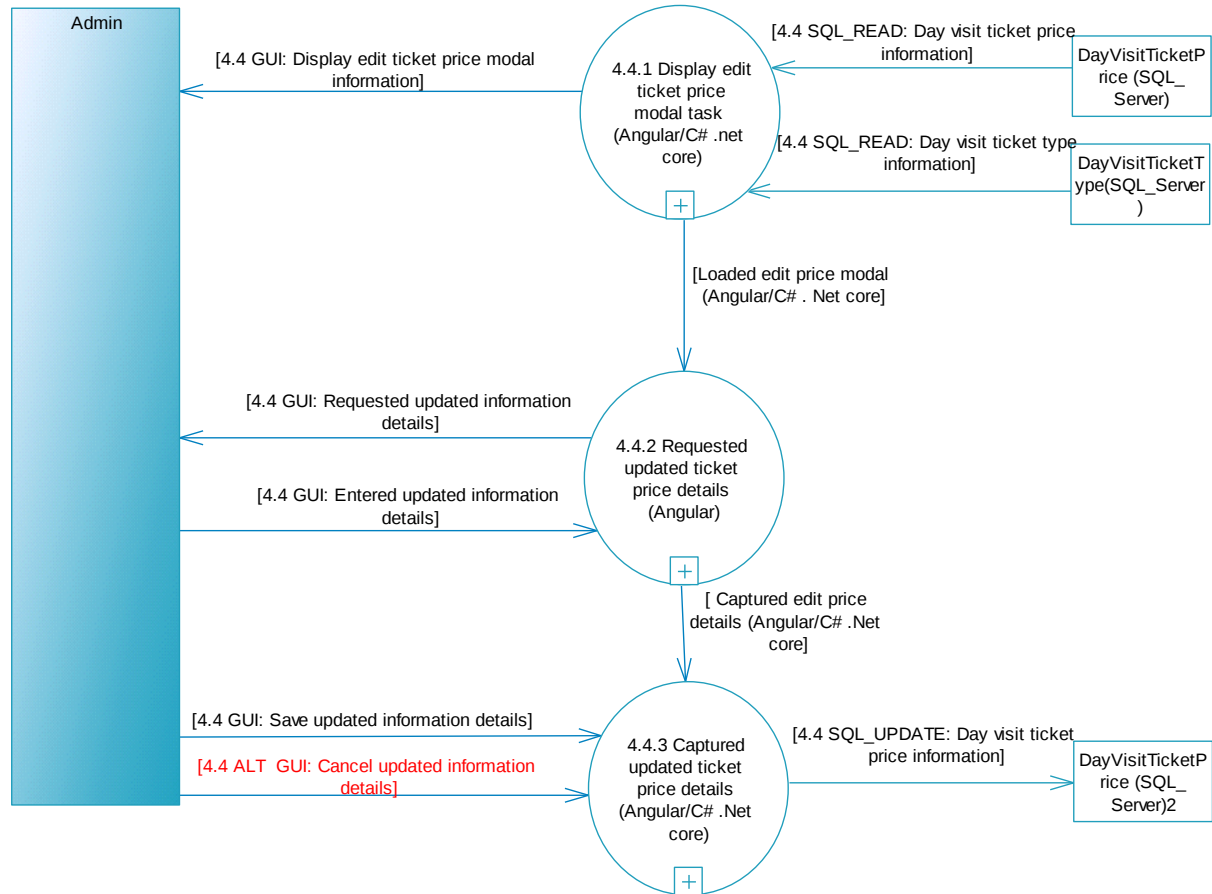


Figure 23:4.4-Update Day Visit Ticket Prices Primitive Level Diagram



2.5. Subsystem 5 – Events

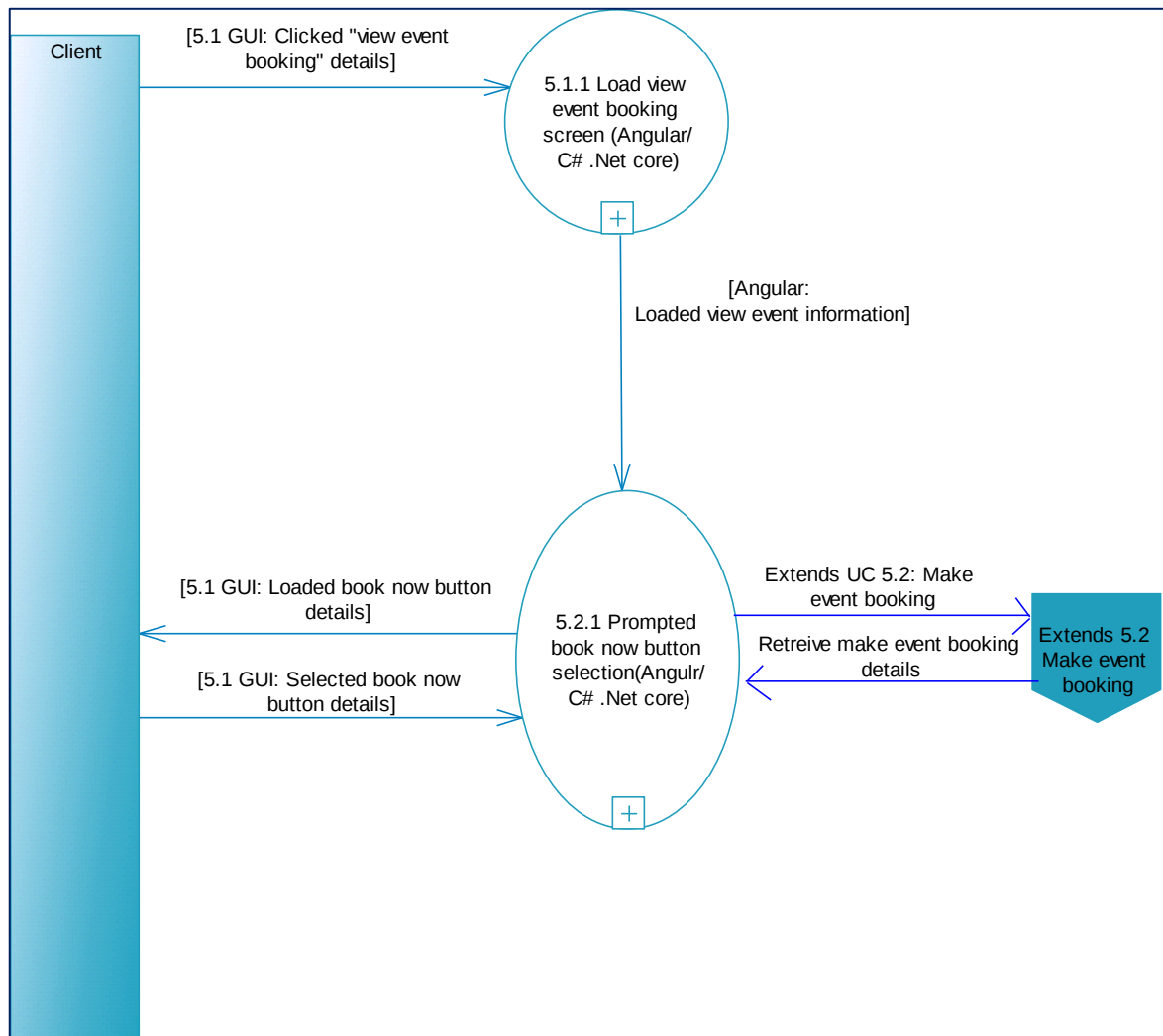


Figure 24:5.1-View Event Booking Primitive Level Diagram



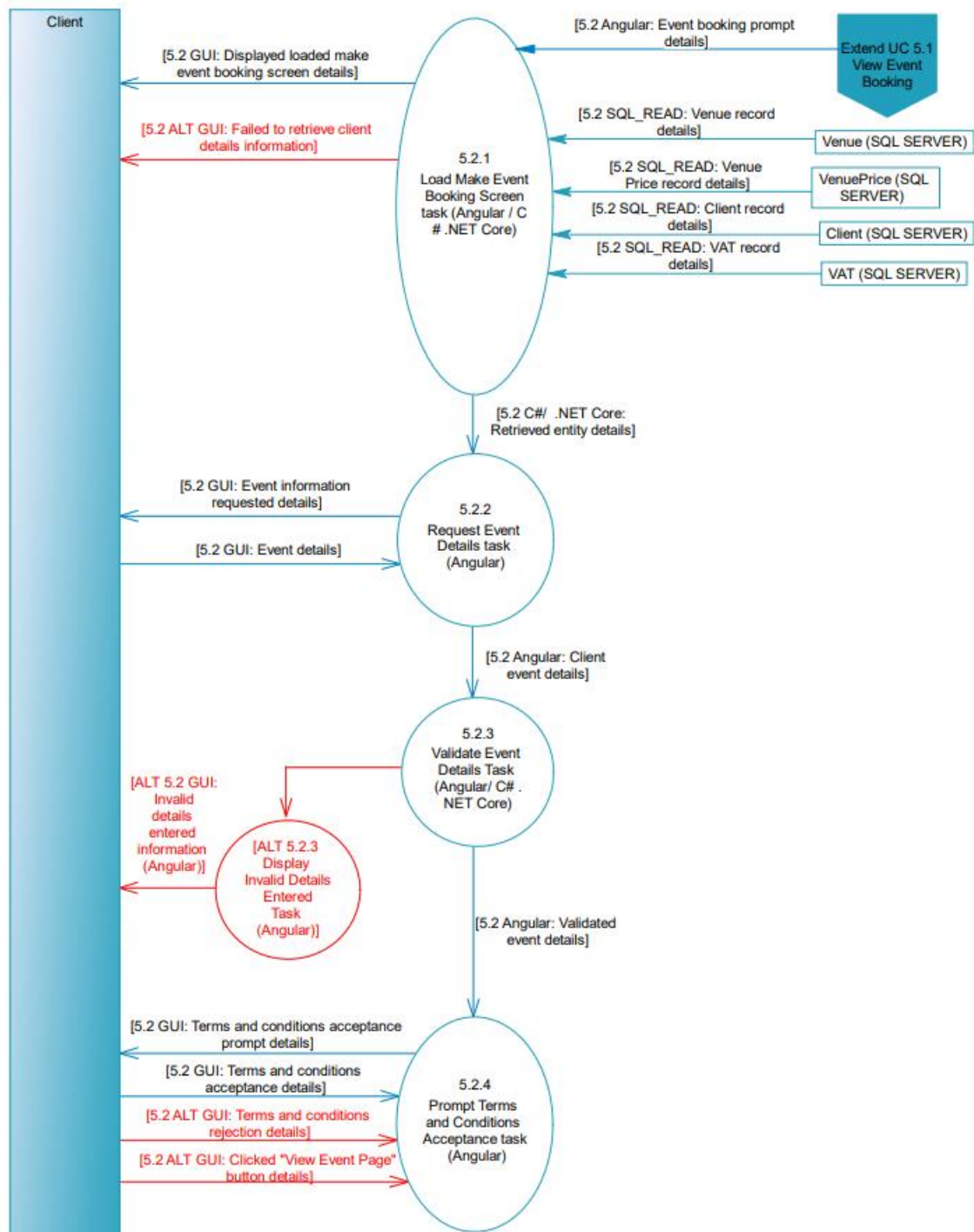


Figure 25:5.2-Make Event Booking Primitive Level Diagram Part 1



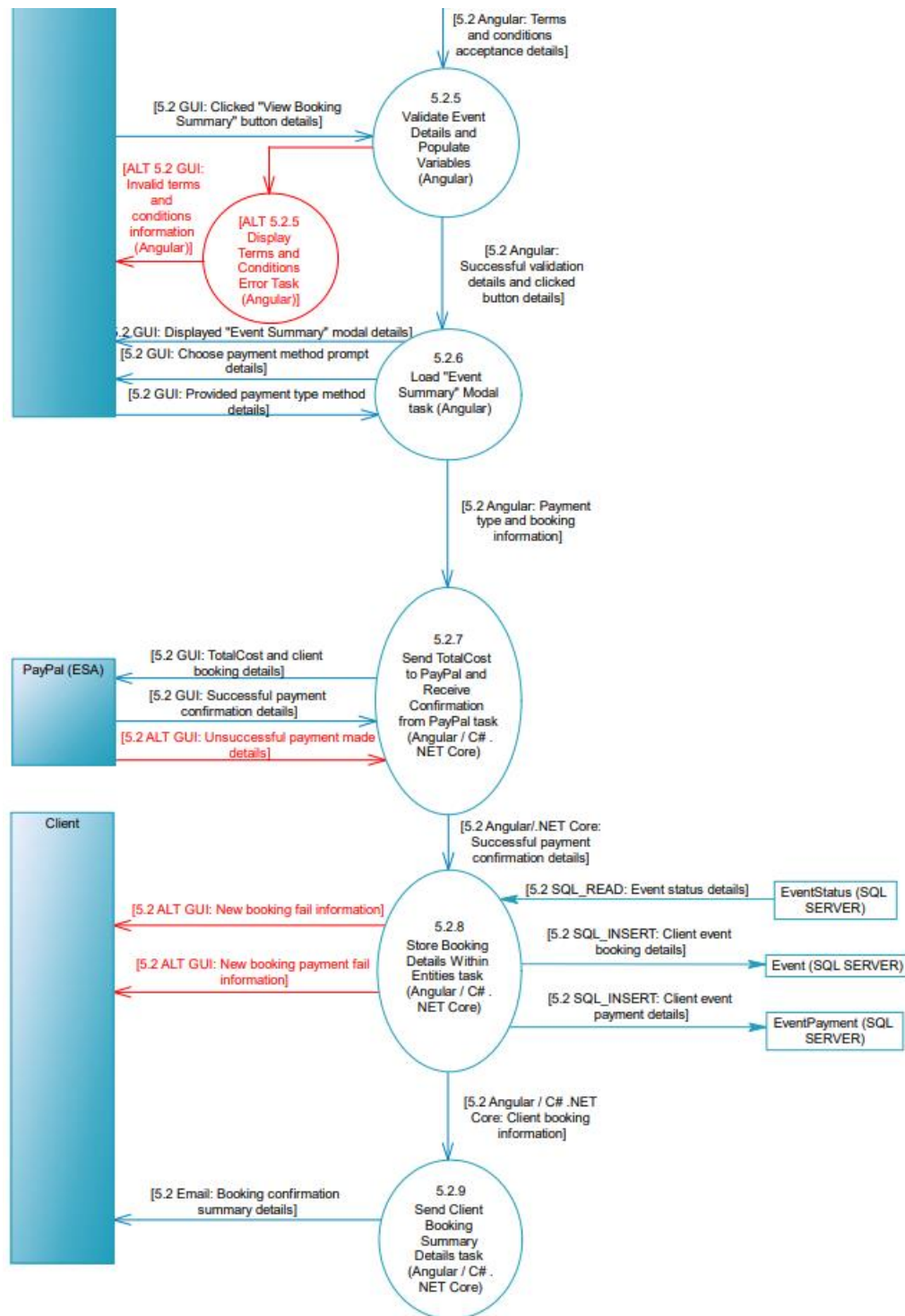


Figure 26:5.2- Make Event Booking Primitive Level Diagram Part 2



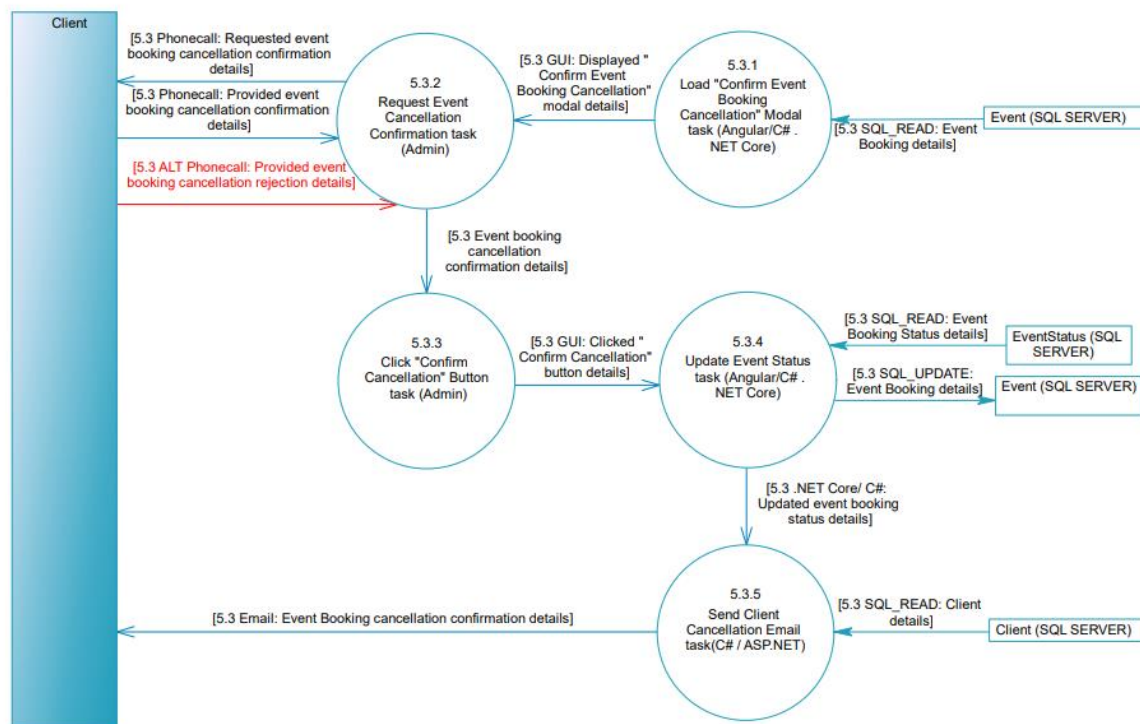


Figure 27:5.3-Cancel Event Booking Primitive Level Diagram

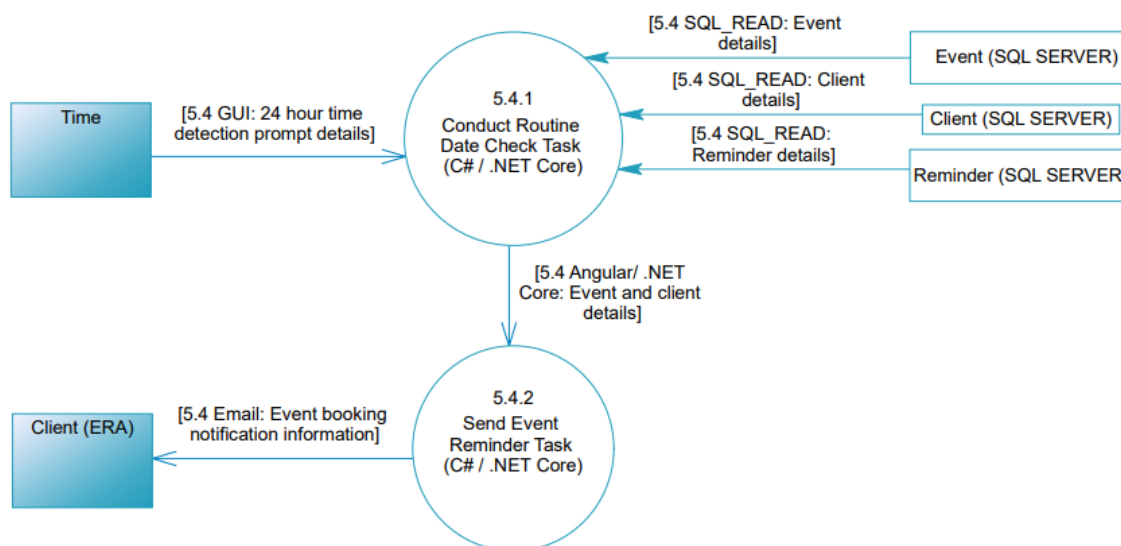


Figure 28:5.4-Send Event Booking Reminder Primitive Level Diagram



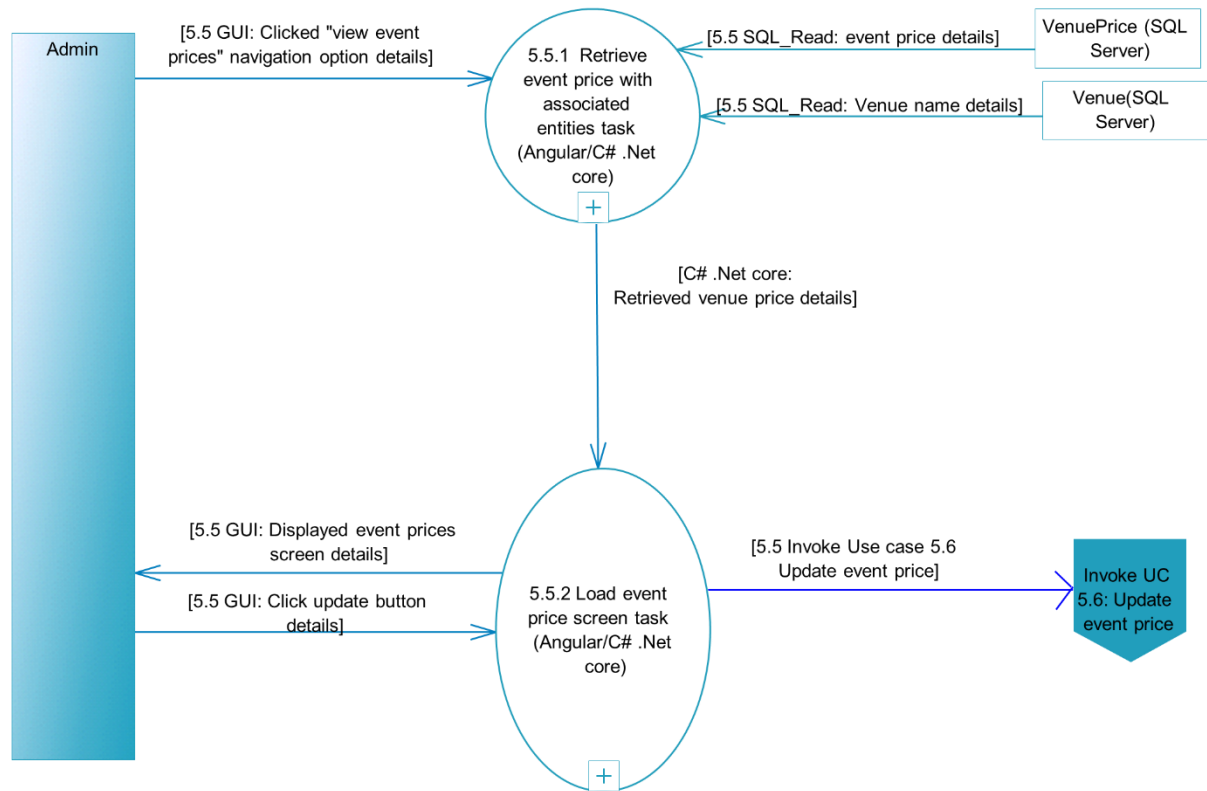


Figure 29:5.5-View Event Price Primitive Level Diagram



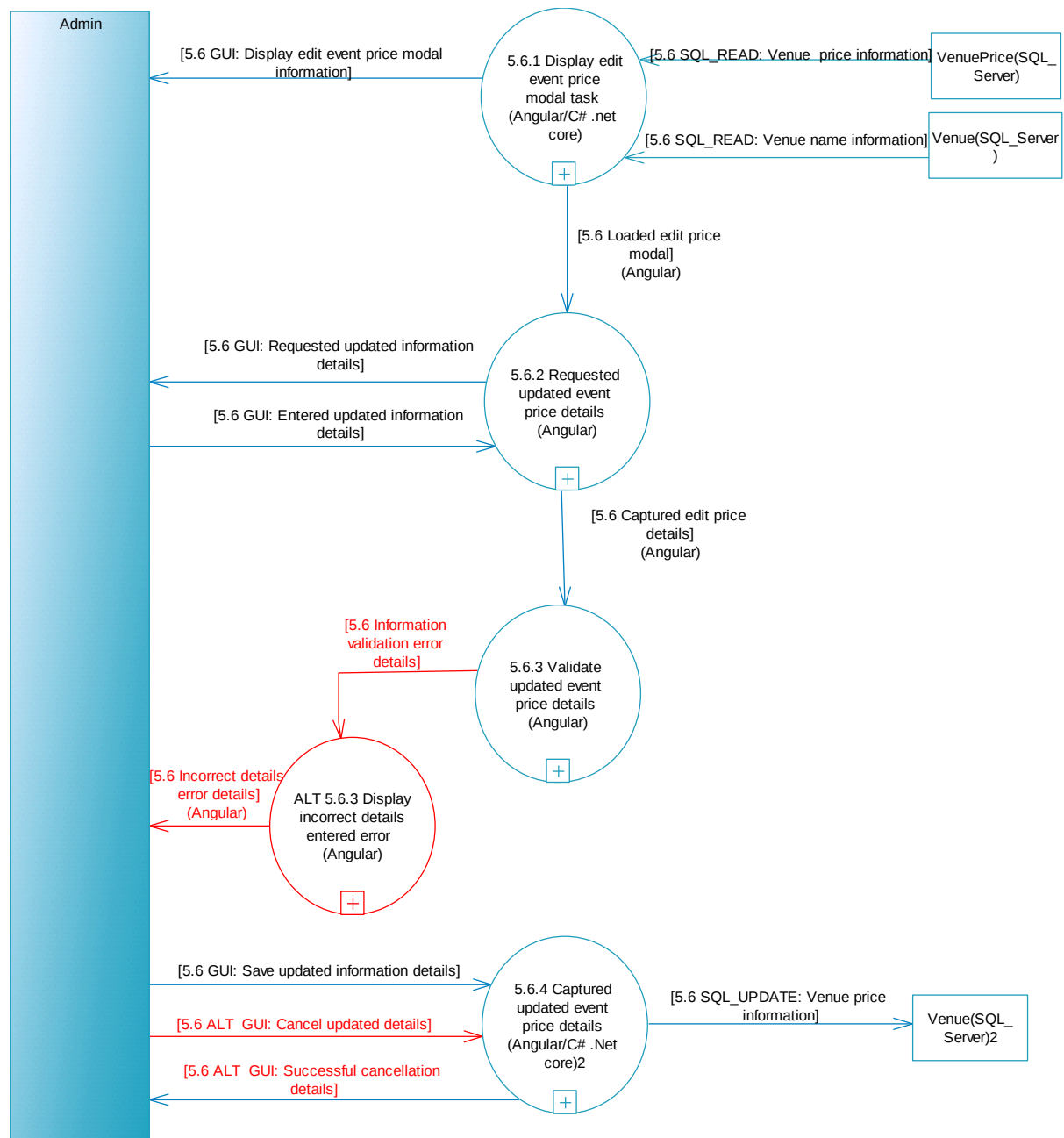


Figure 30:5.6-Update Event Price Primitive Level Diagram



2.6. Subsystem 6 – Administration

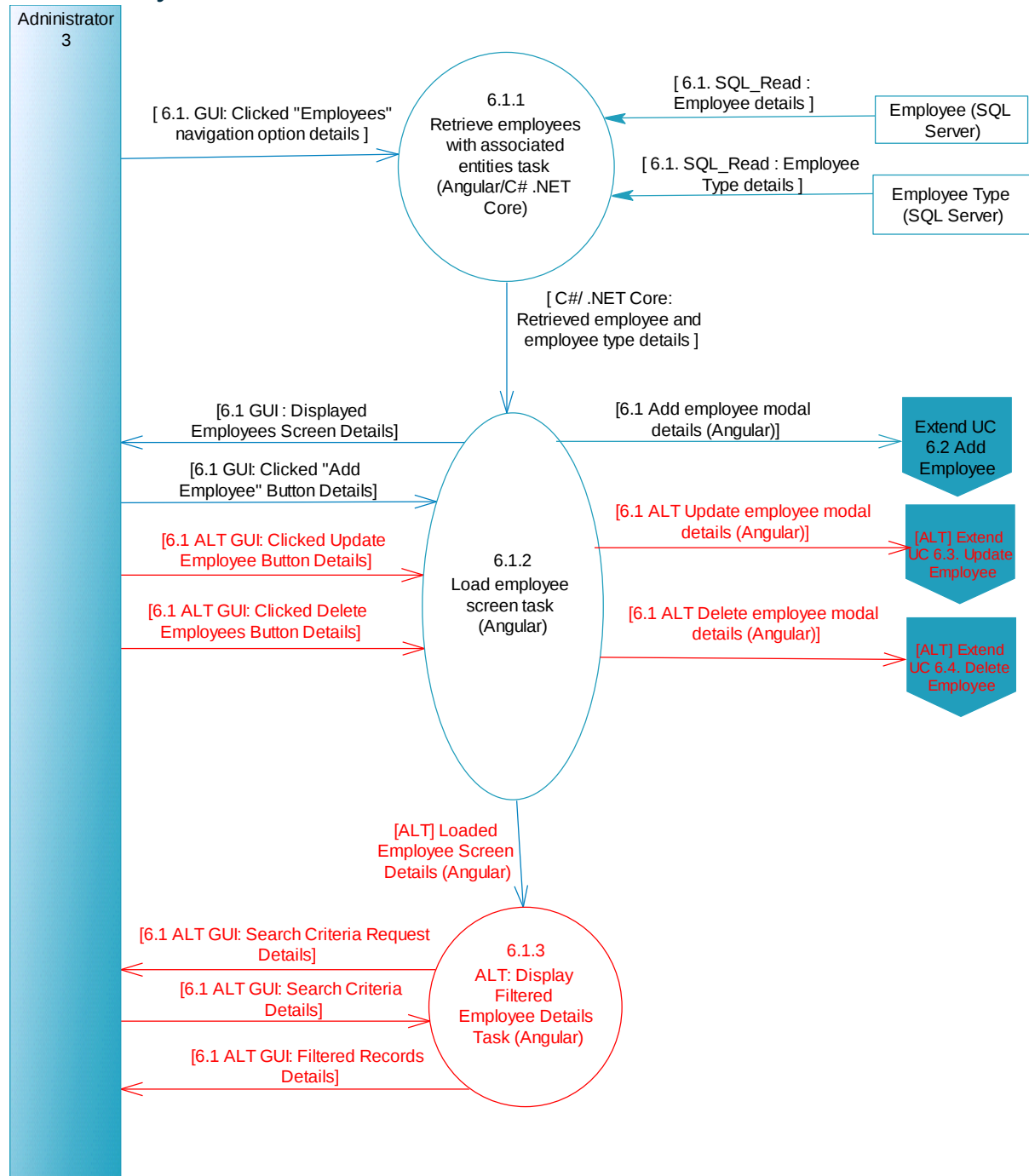


Figure 31:6.1-View Employee Primitive Level Diagram



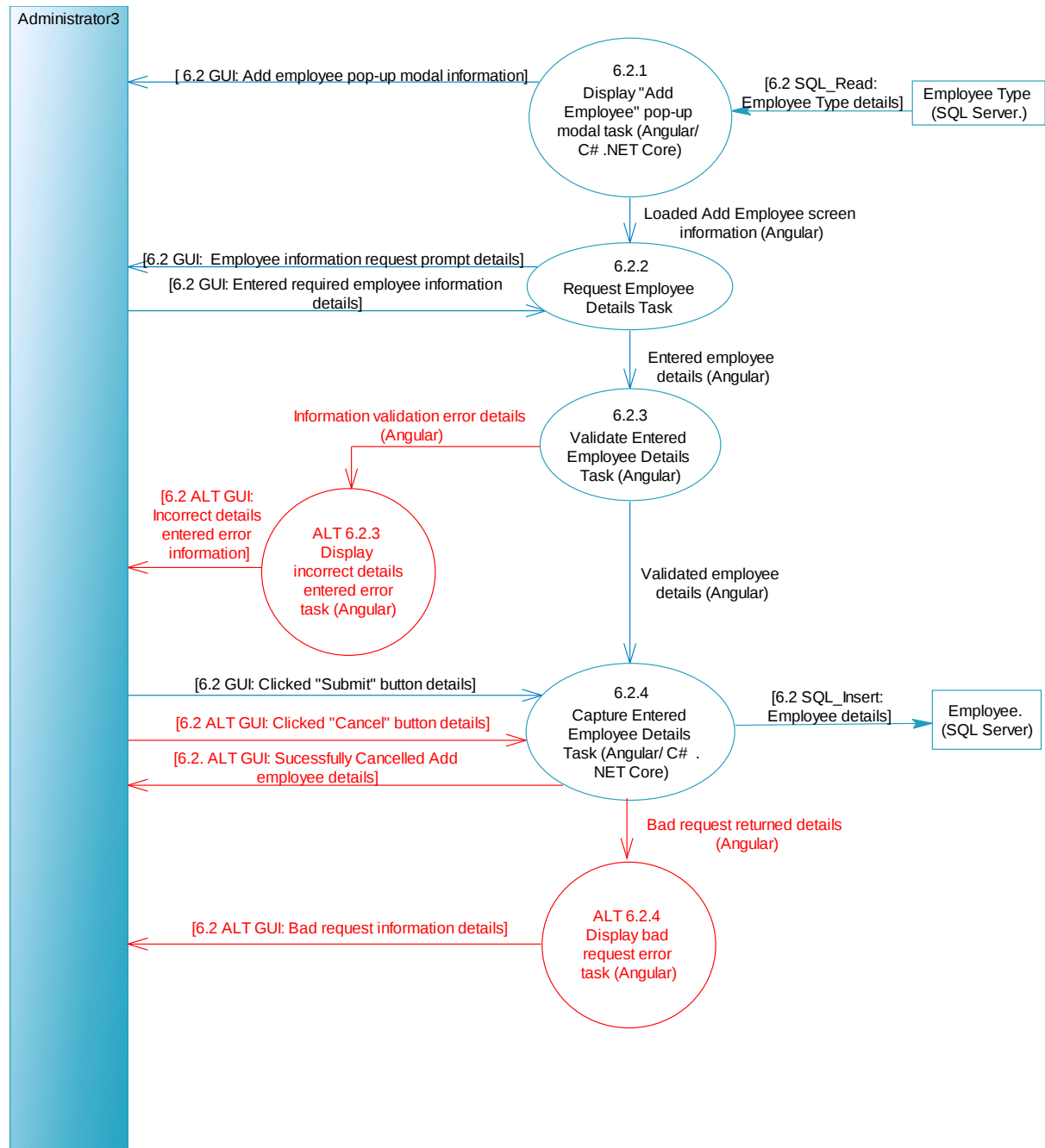


Figure 32:6.2.-Add Employee Primitive Level Diagram



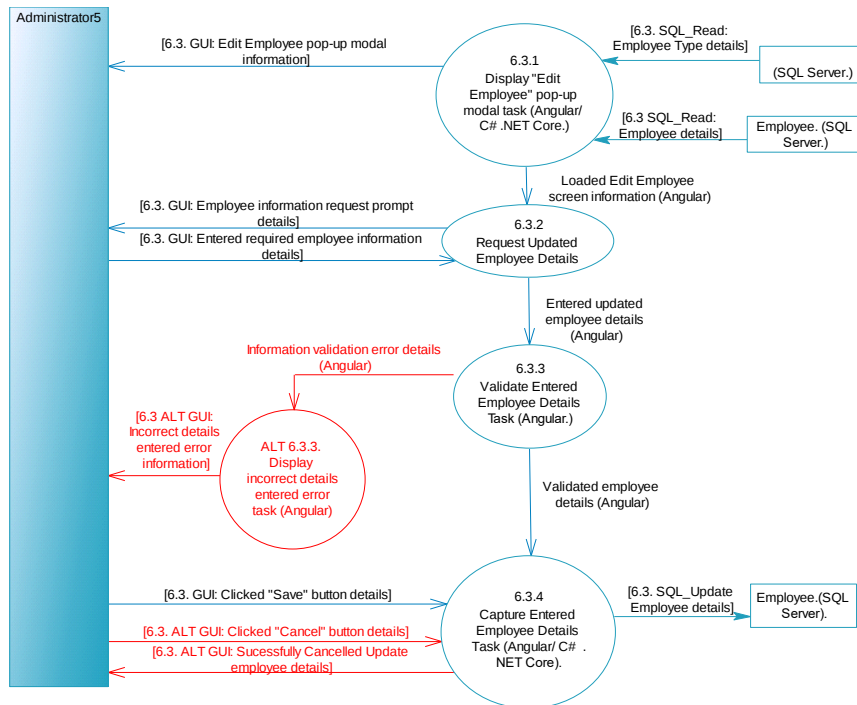


Figure 33:6.3-Update Employee Primitive Level Diagram

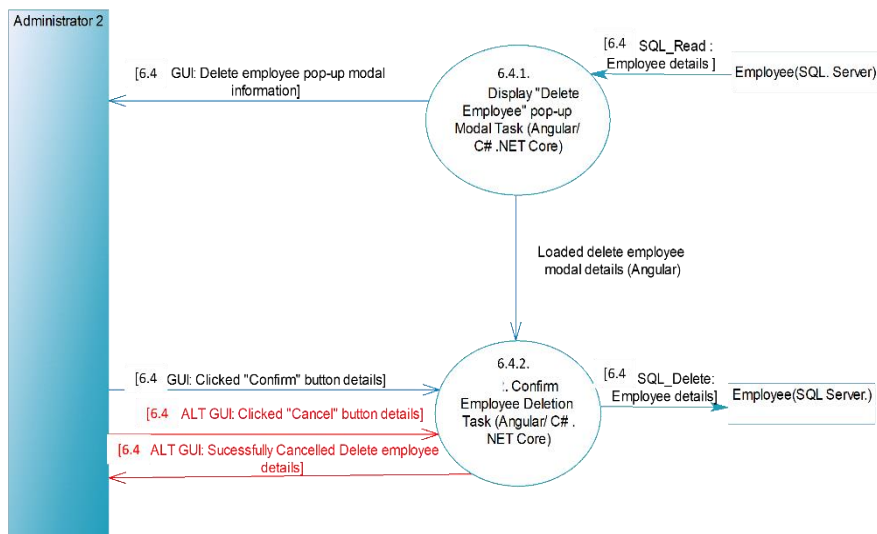


Figure 34:6.4-Delete Employee Primitive Level Diagram



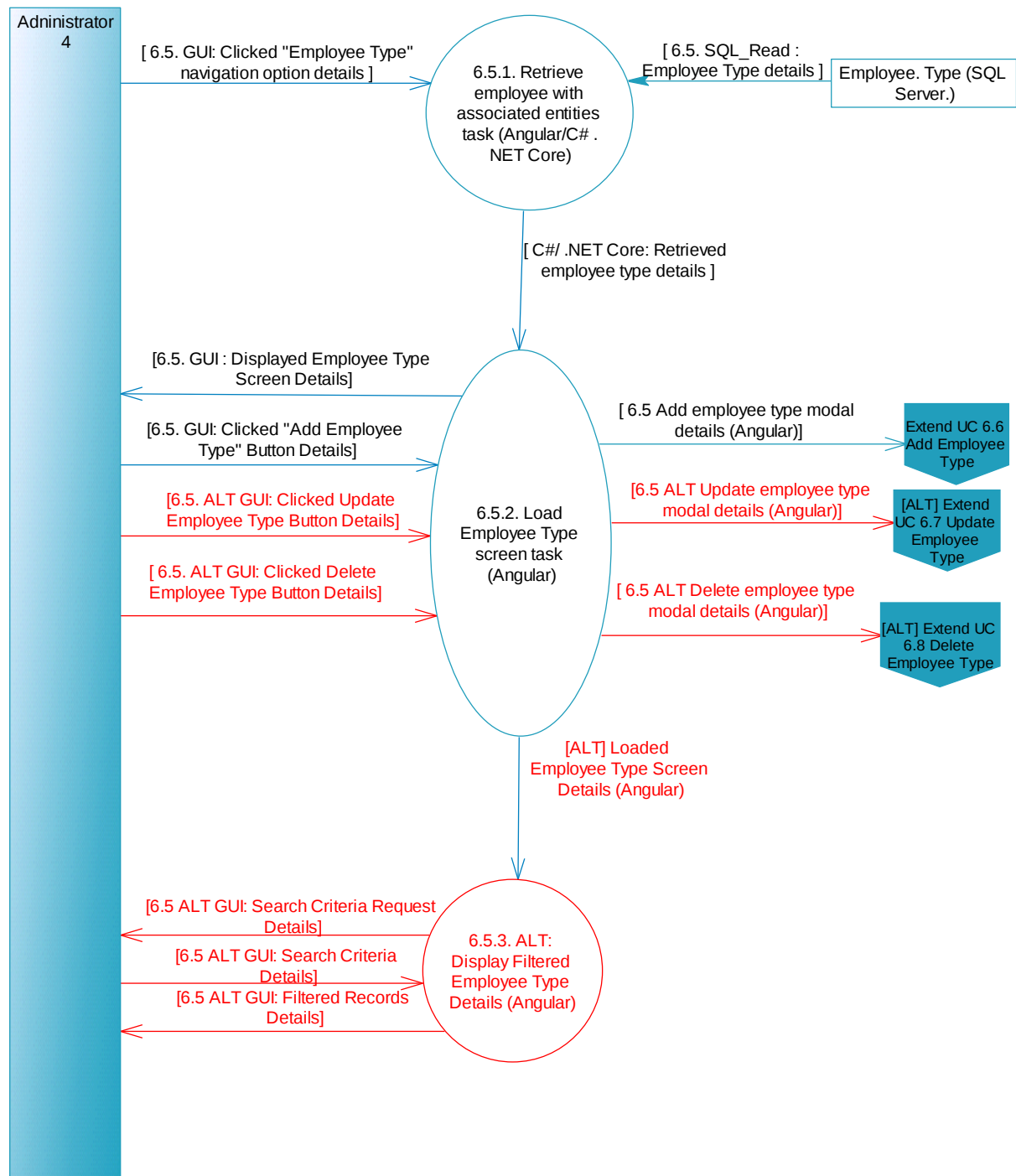


Figure 35:6.5-View Employee Type Primitive Level Diagram



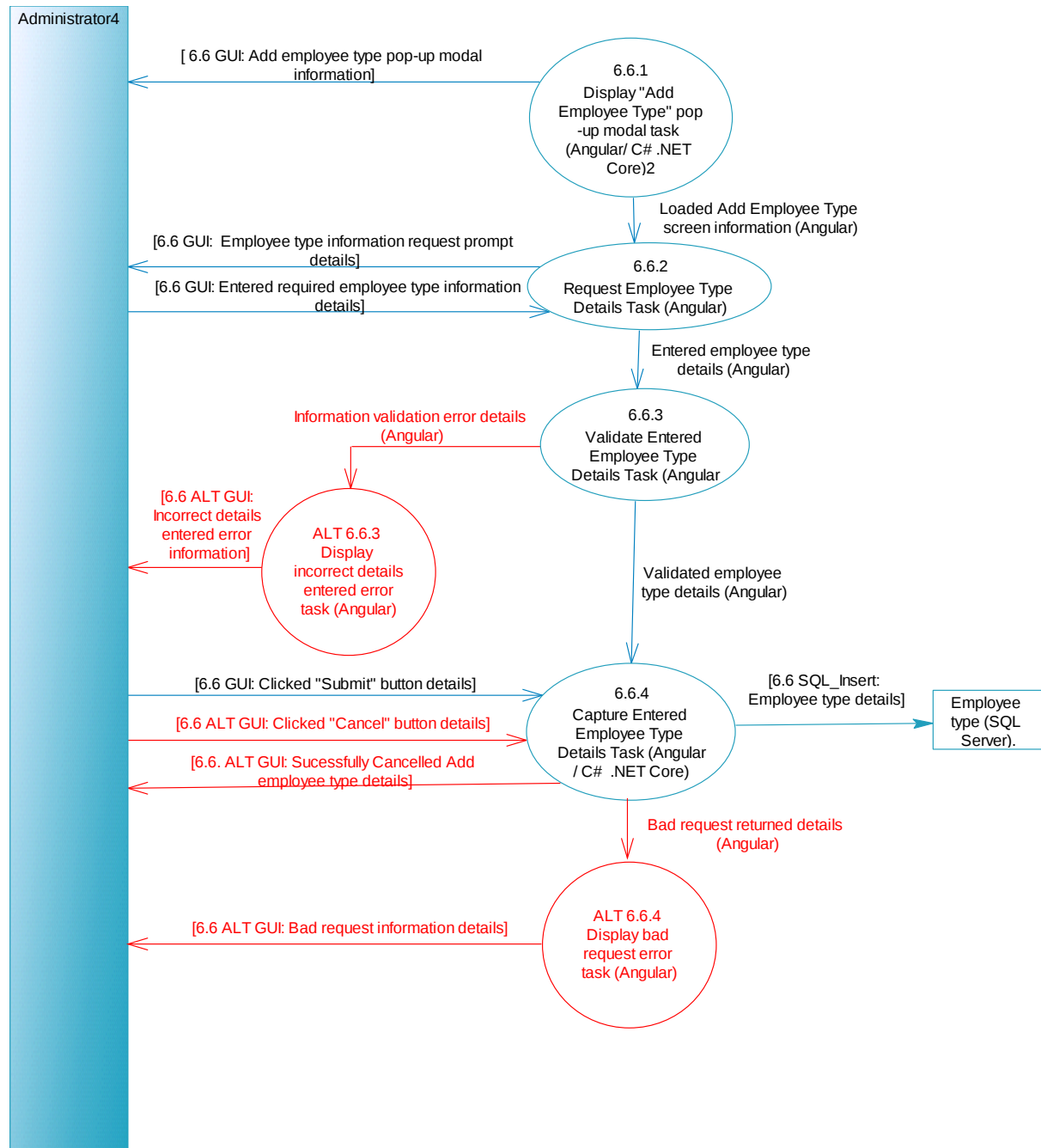


Figure 36:6.6-Add Employee Type Primitive Level Diagram



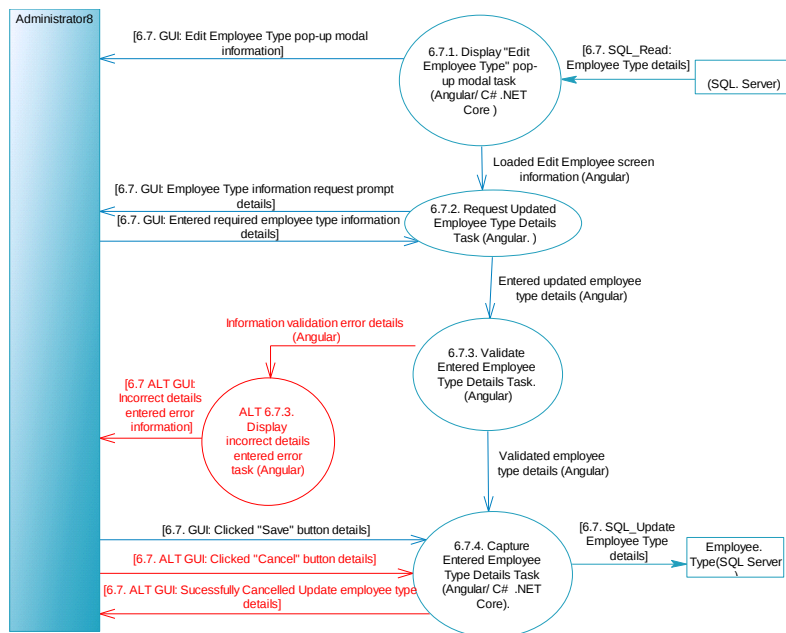


Figure 37:6.7- Update Employee Type Primitive Level Diagram

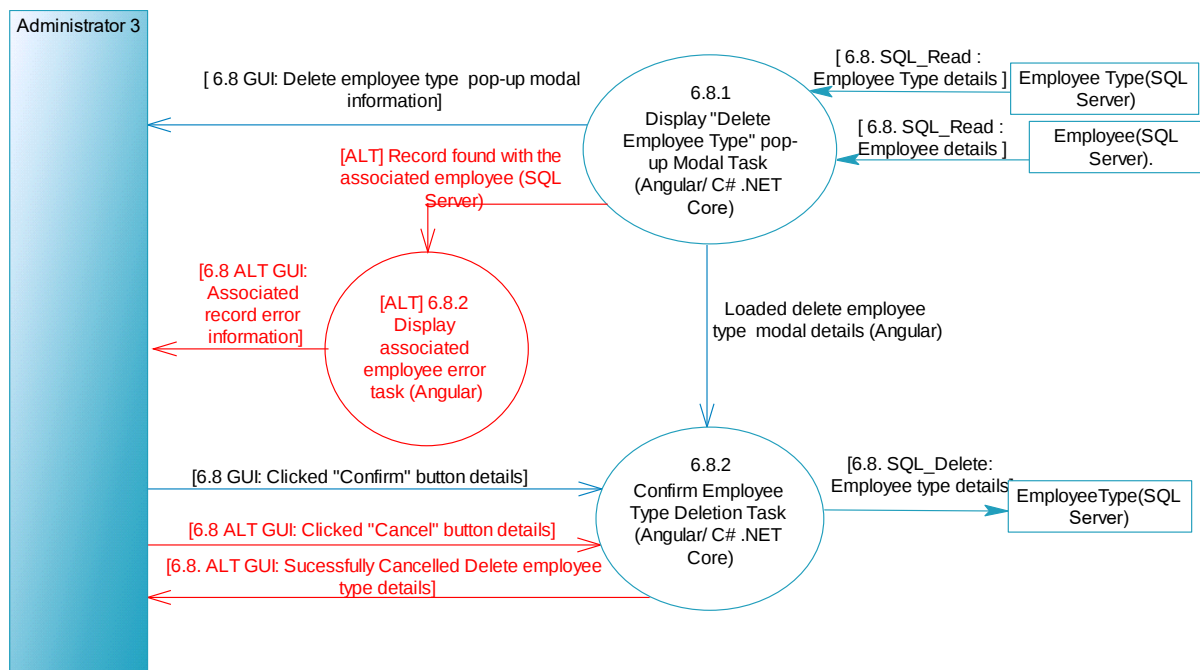


Figure 38:6.8- Delete Employee Type Primitive Level Diagram



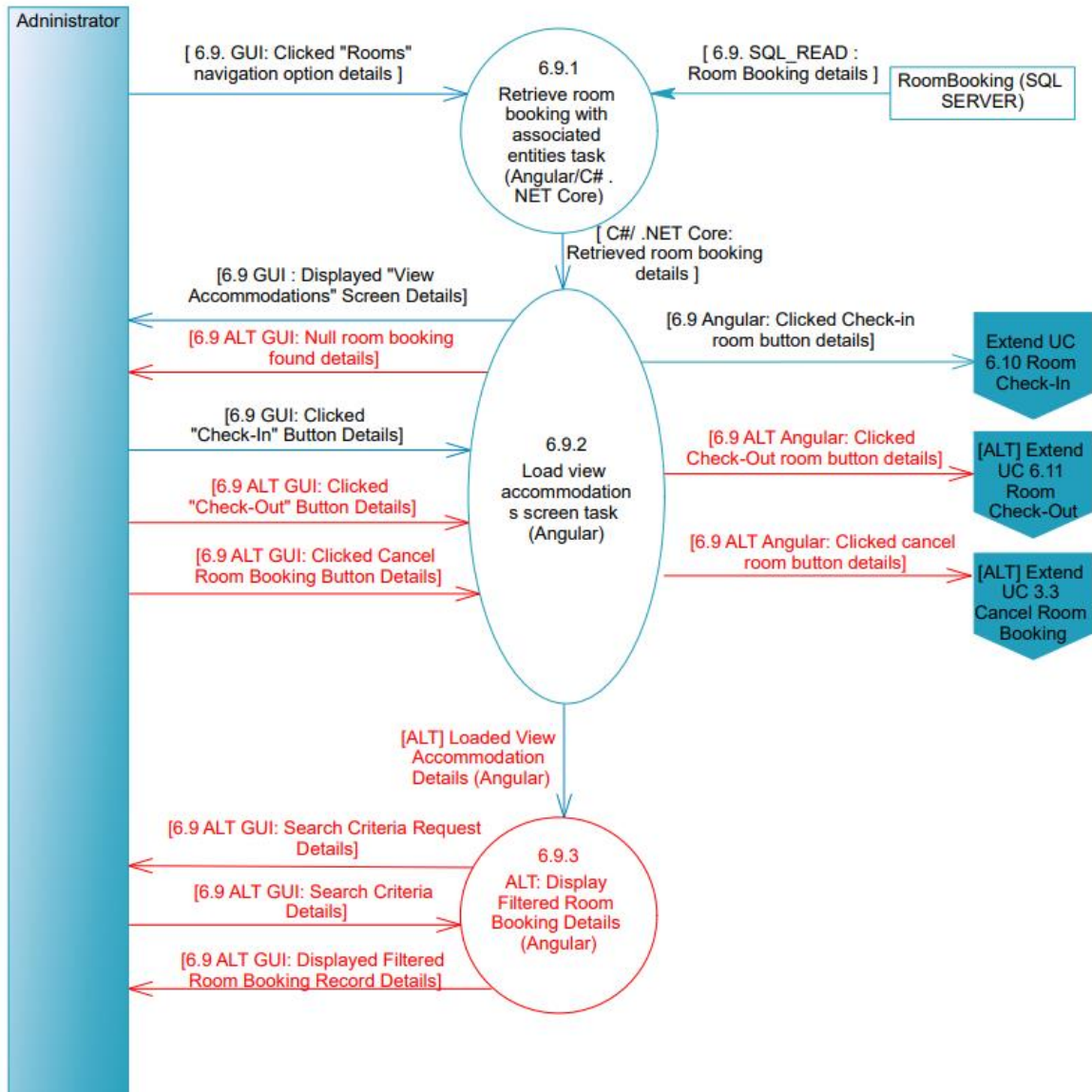


Figure 39:6.9-View Accommodation Primitive Level Diagram



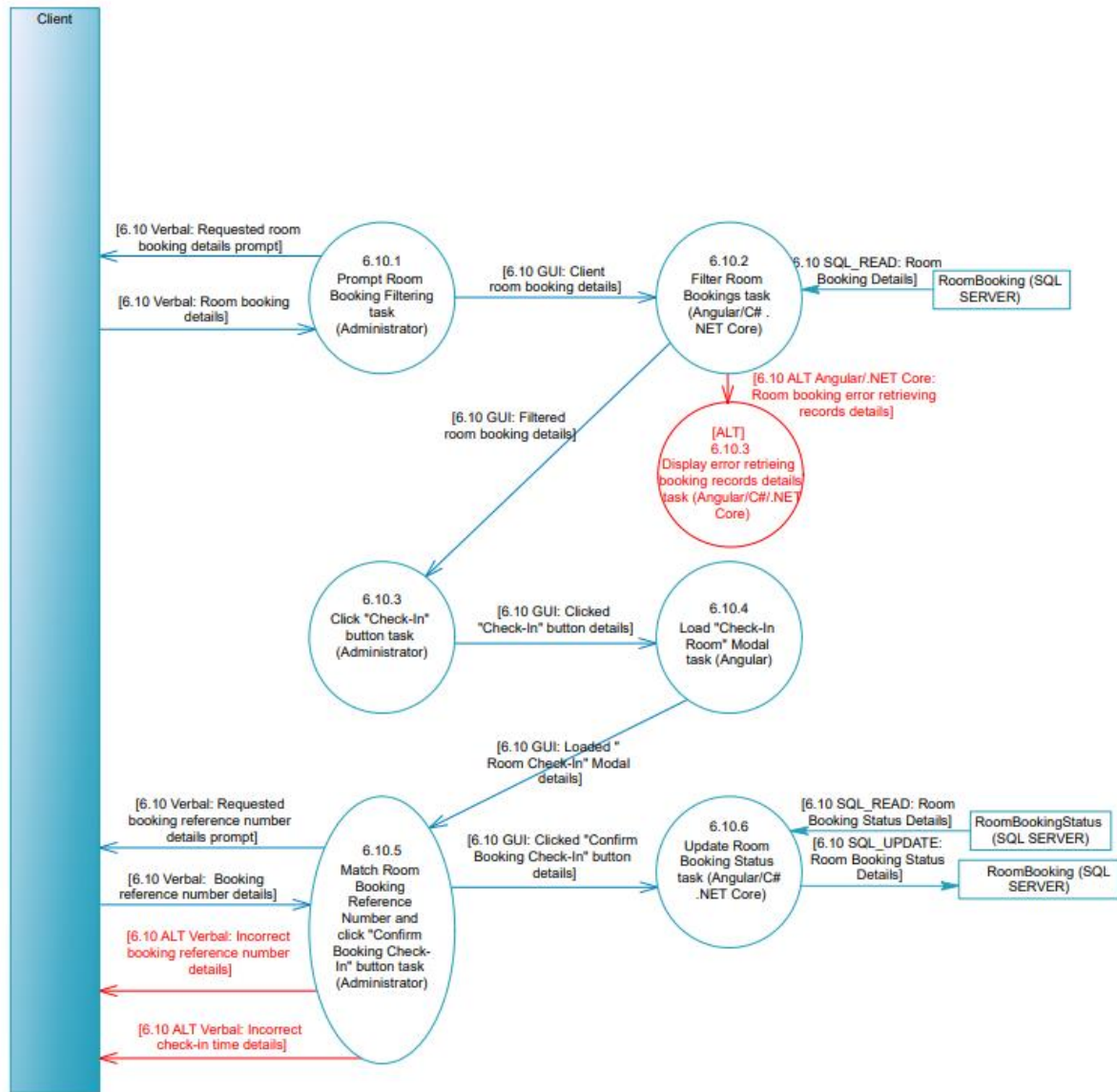


Figure 40:6.10-Room Check-In Primitive Level Diagram



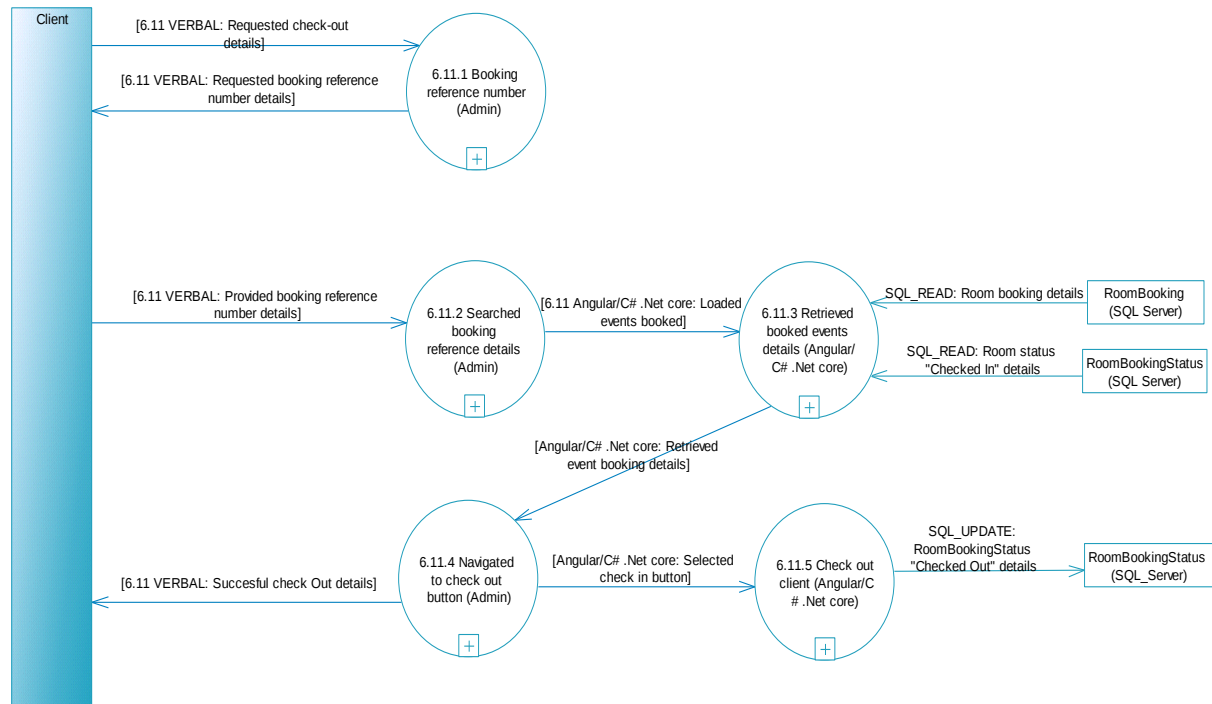


Figure 41:6.11-Room Check-Out Primitive Level Diagram



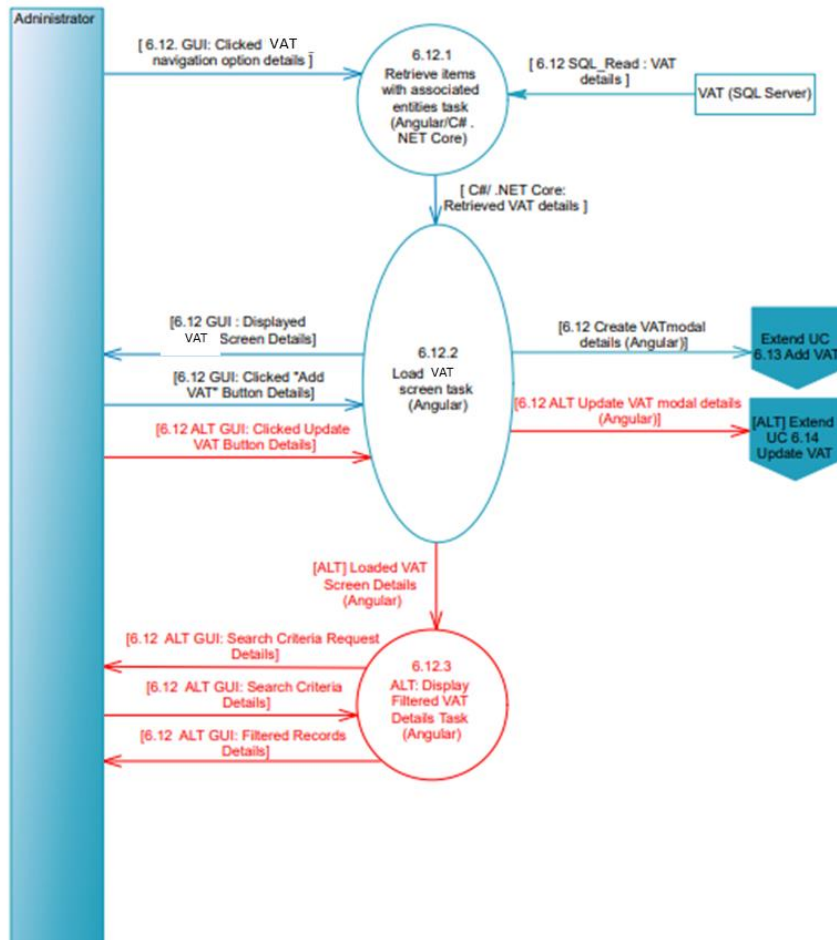


Figure 42:6.12-View VAT Primitive Level Diagram



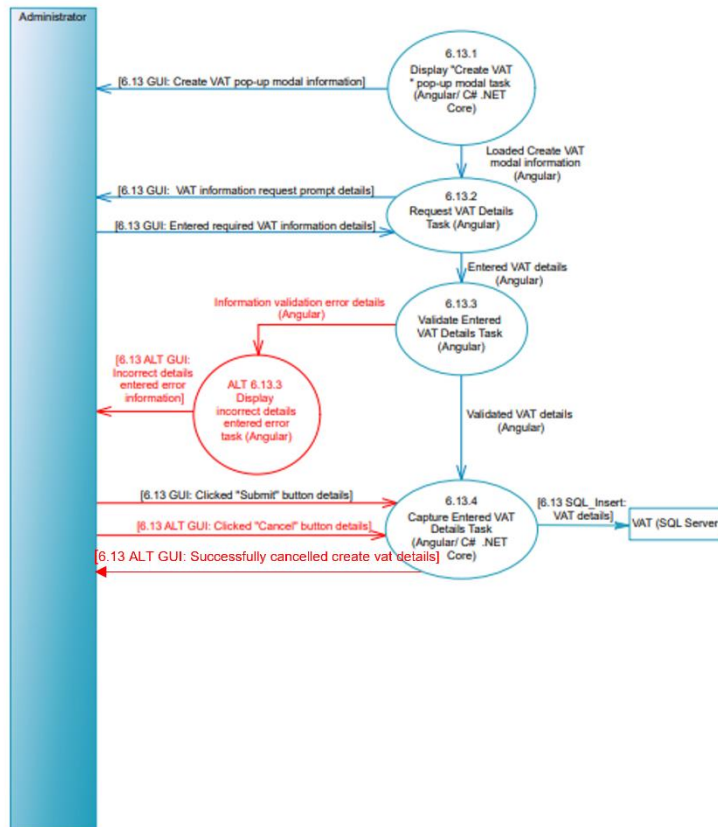


Figure 43:6.13-Create VAT Primitive Level Diagram

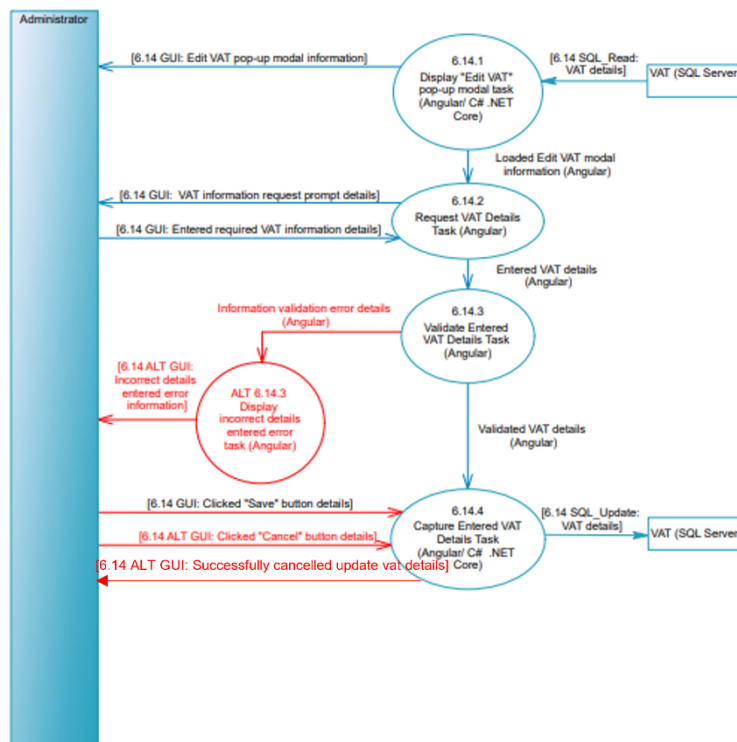


Figure 44:6.14-Update VAT Primitive Level Diagram



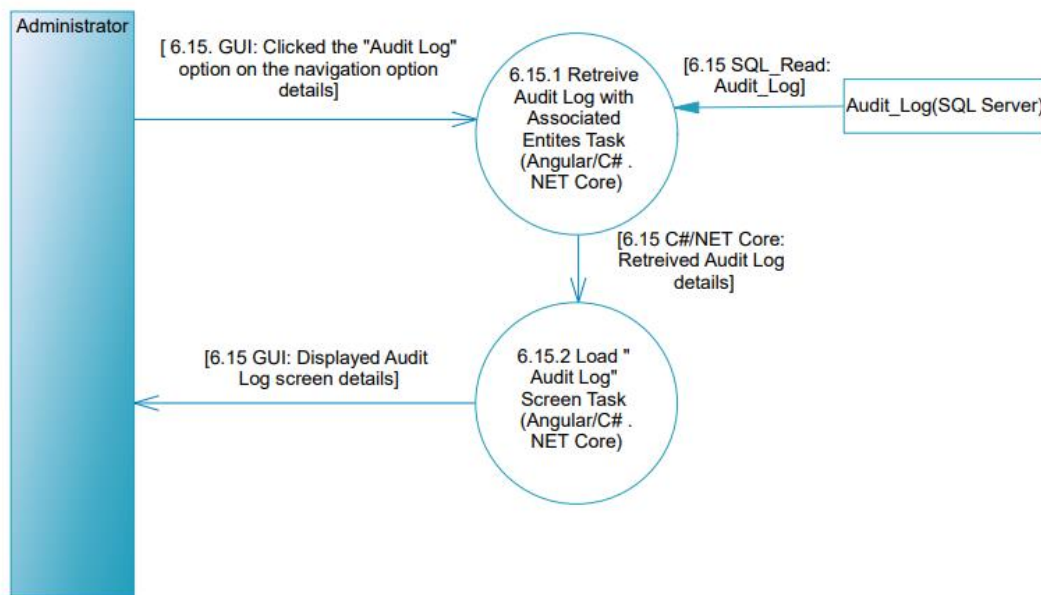


Figure 45:6.15-View Audit Log Screen Primitive Level Diagram

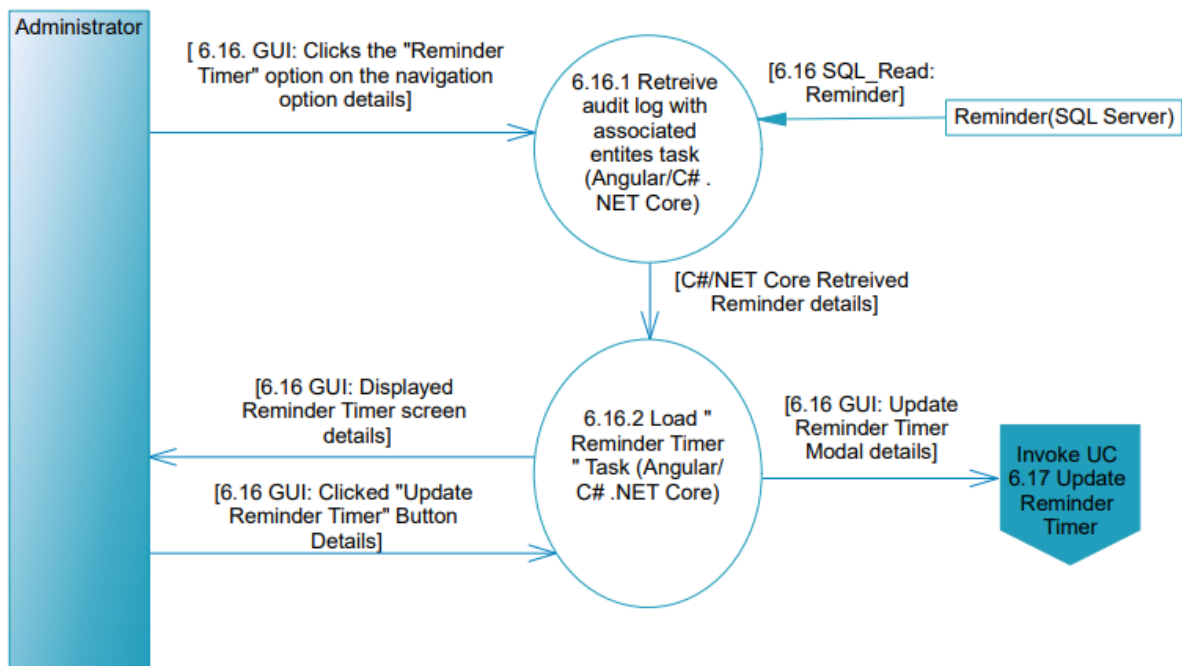


Figure 46: 6.16-View Reminder Timer Primitive Level Diagram



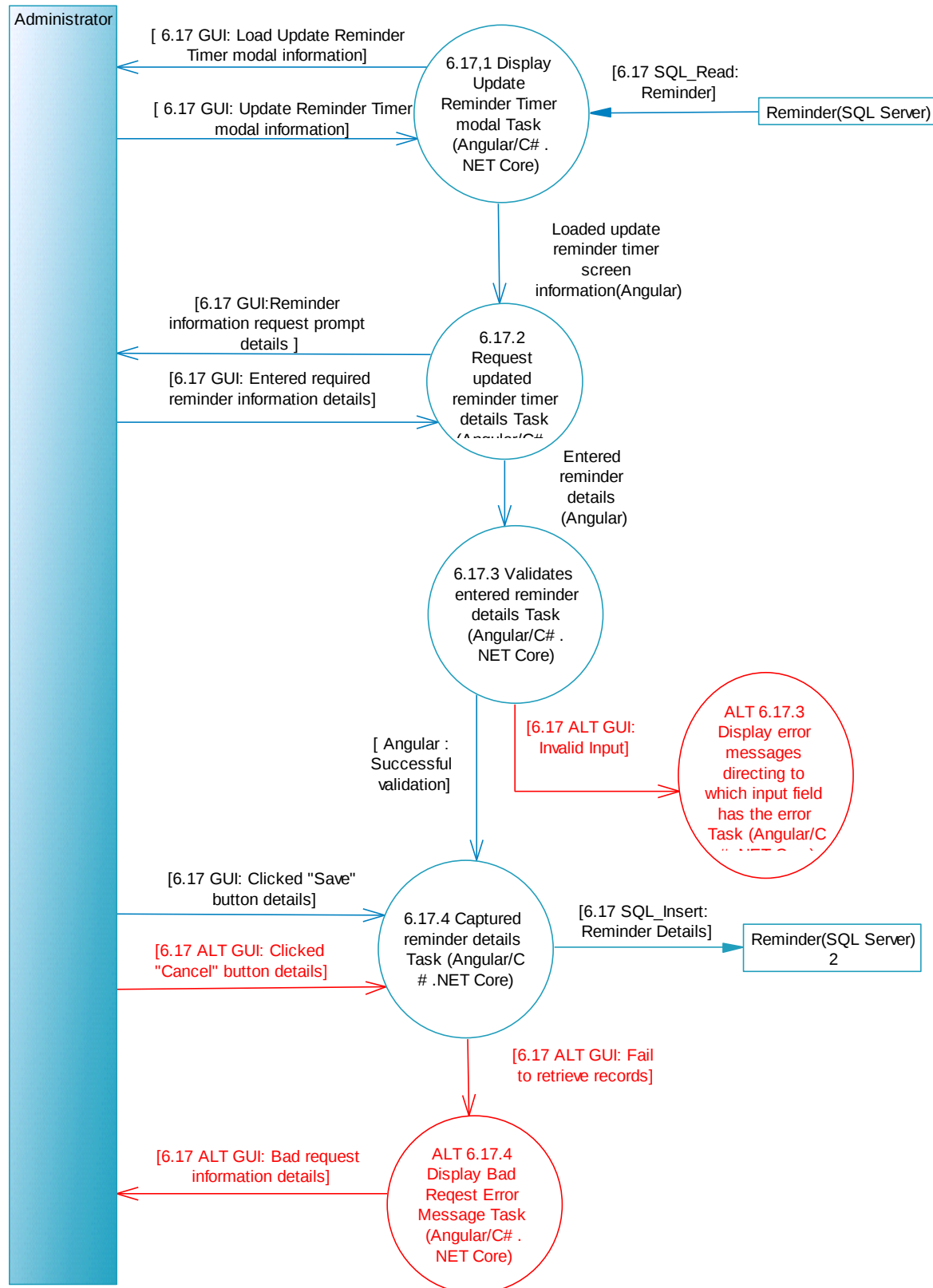


Figure 47:6.17-Update Reminder Timer Primitive Level Diagram



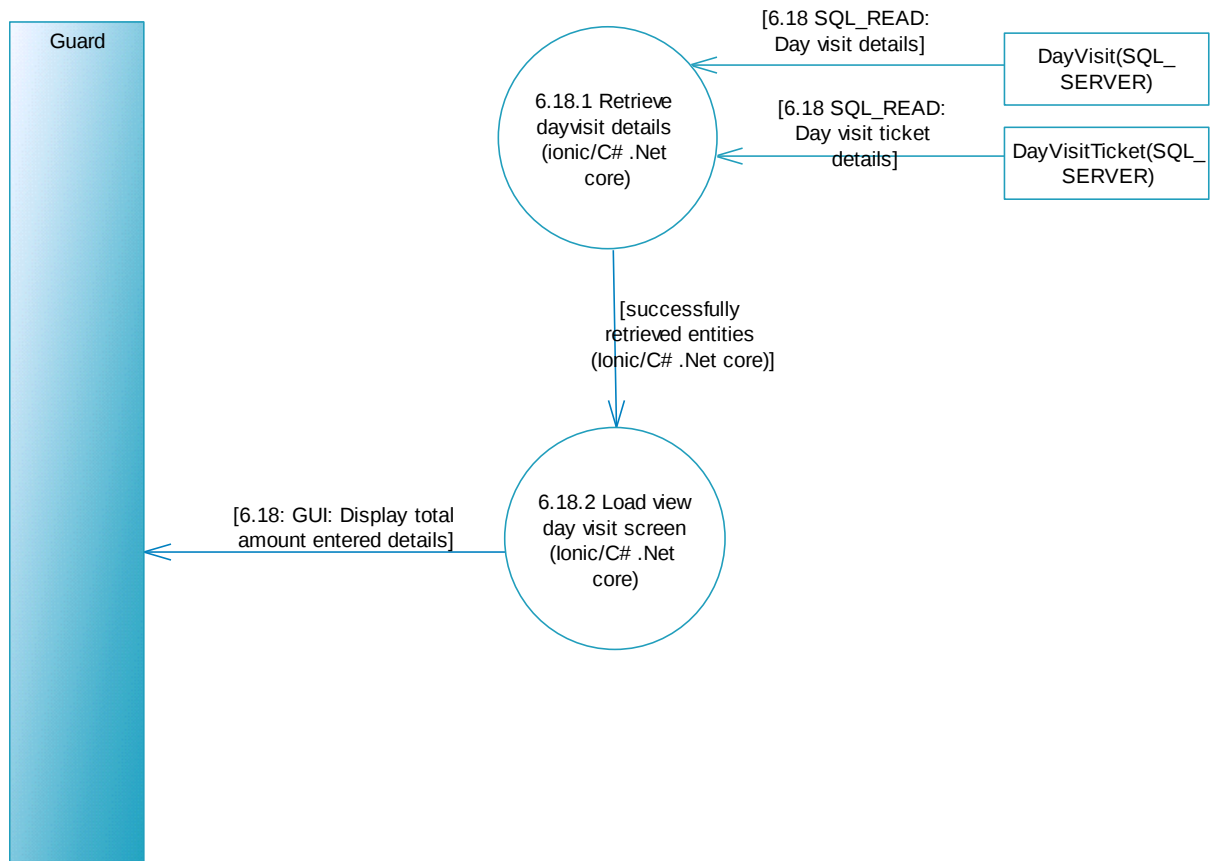


Figure 48:6.18- View Day Visits Primitive Level Diagram



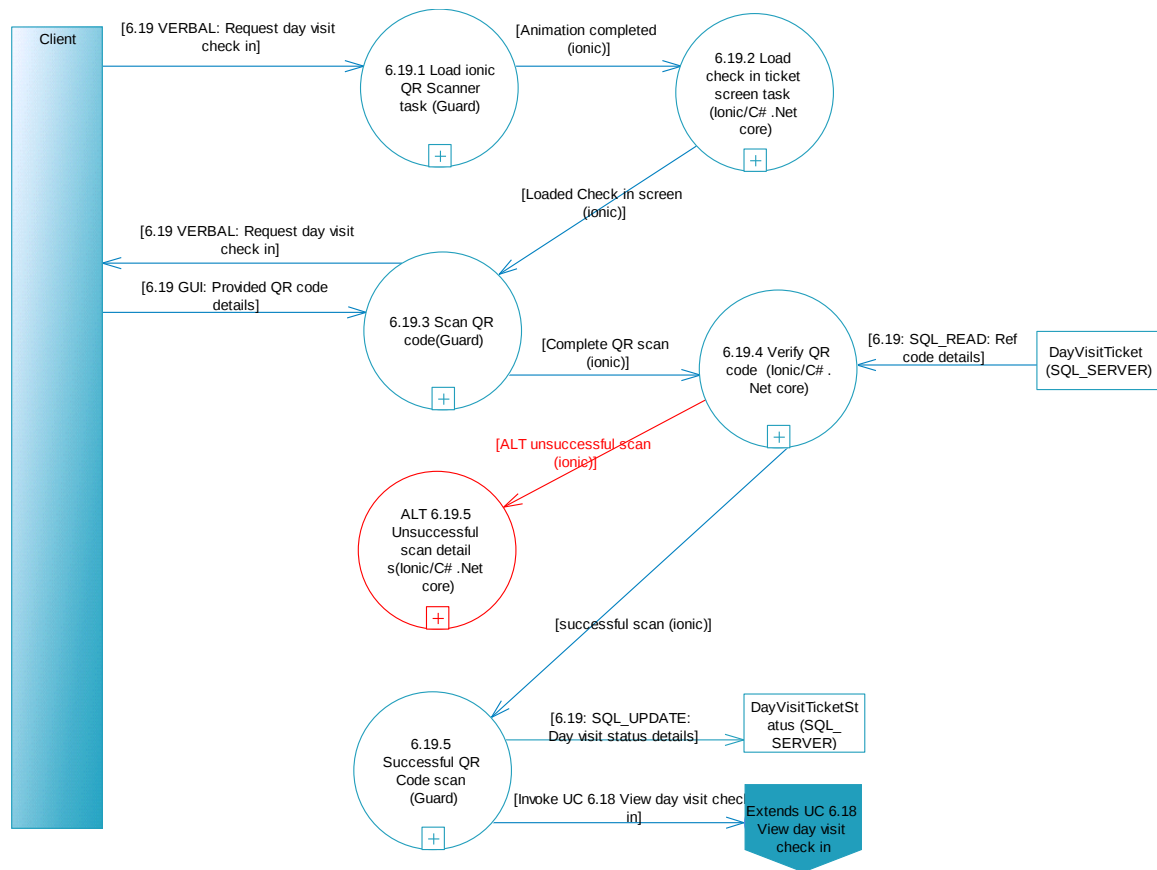


Figure 49:6.19-Check-In Ticket Primitive Level Diagram



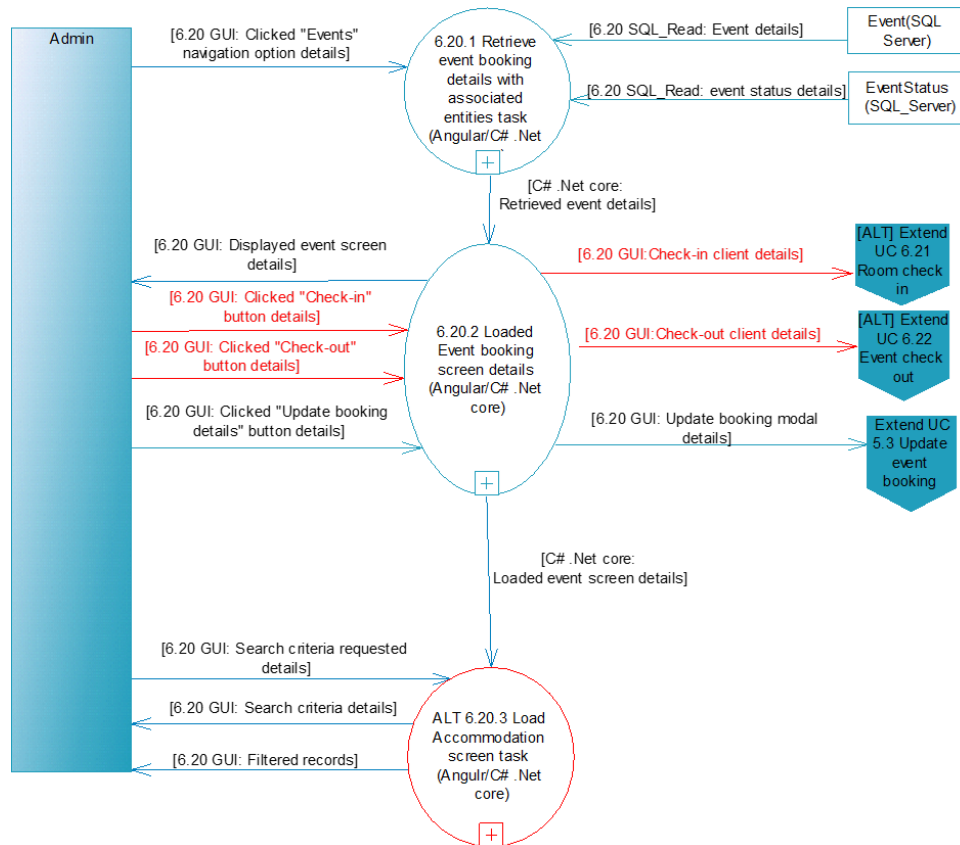


Figure 50:6.20-View Events Primitive Level Diagram



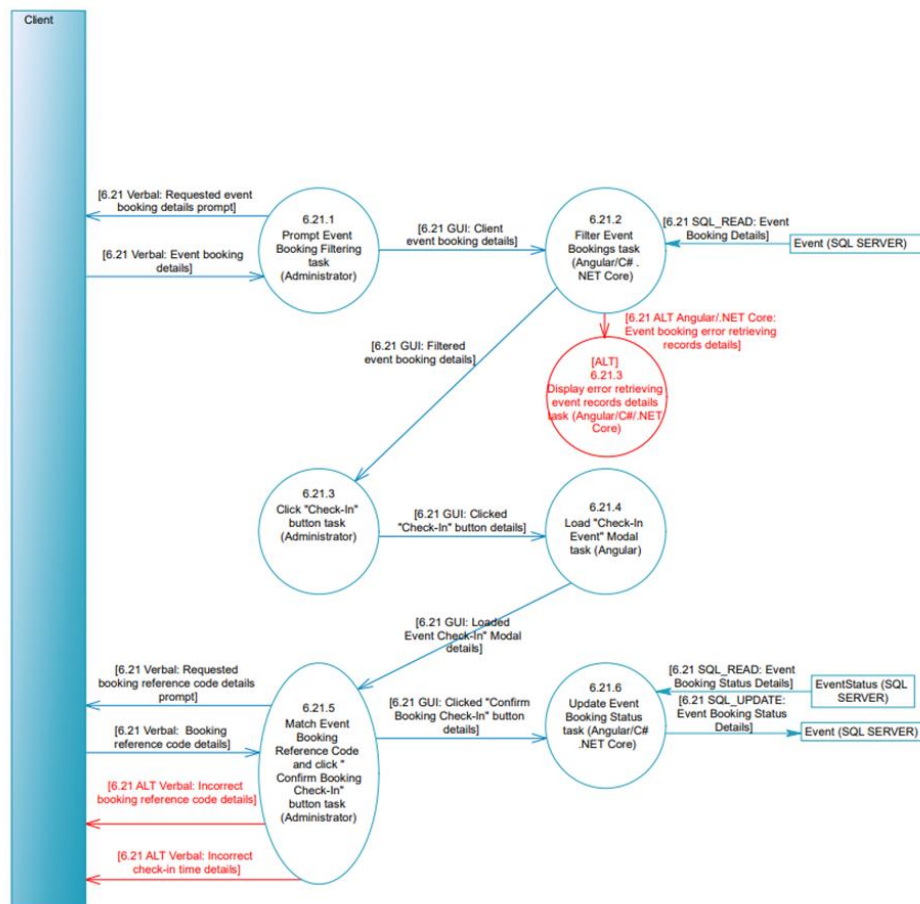


Figure 51: 6.21-Event Check-In Primitive Level Diagram

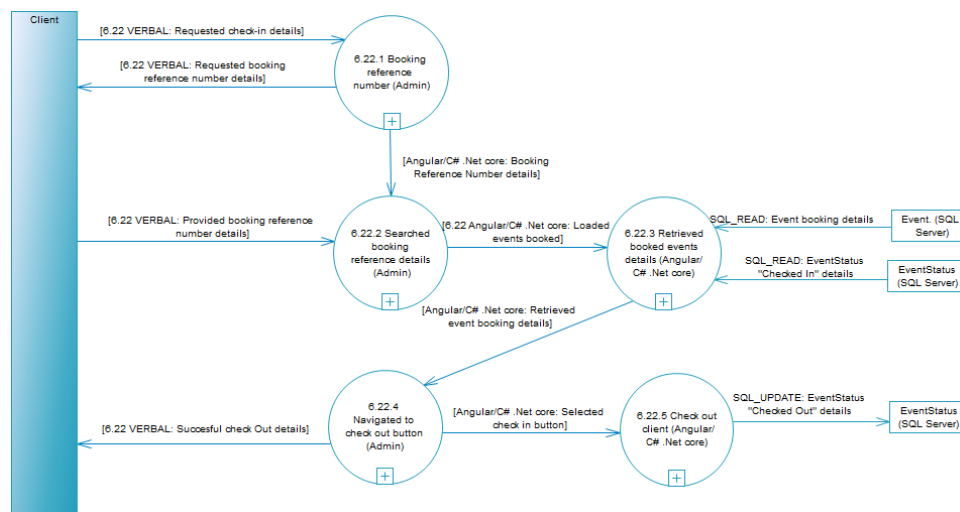


Figure 52: 6.22-Event Check-Out Primitive Level Diagram



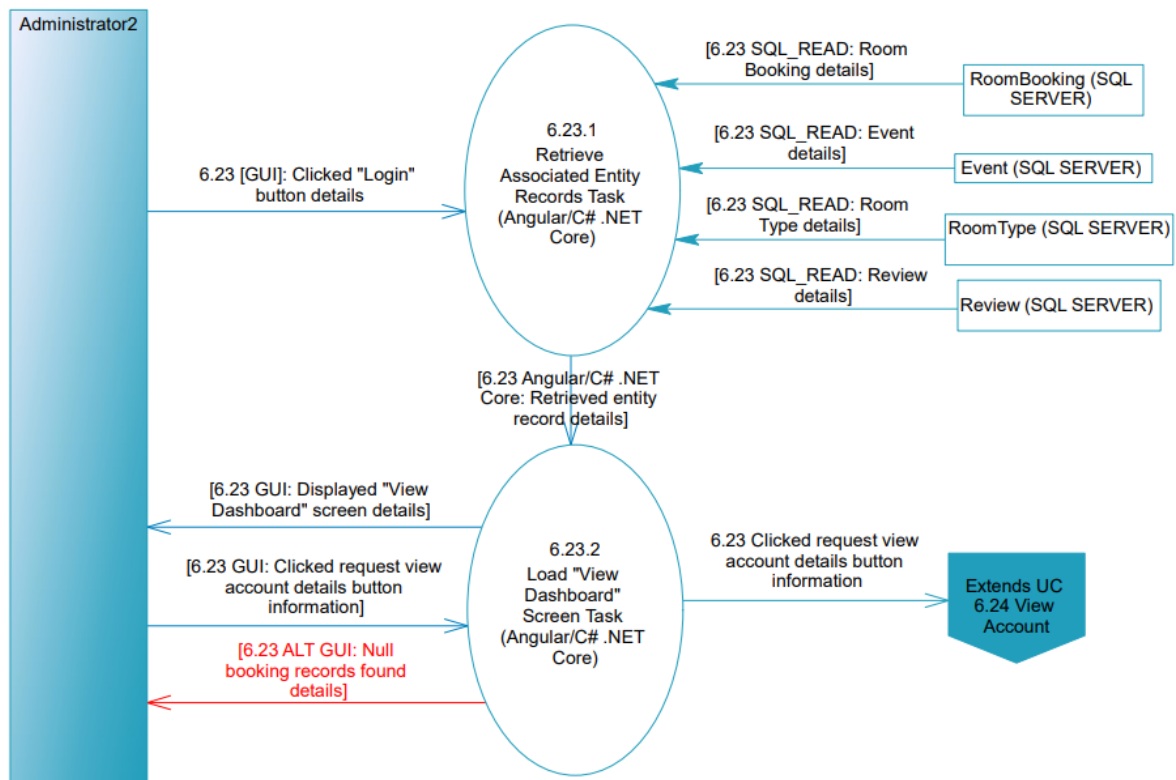


Figure 53:6.23-View Dashboard Primitive Level Diagram



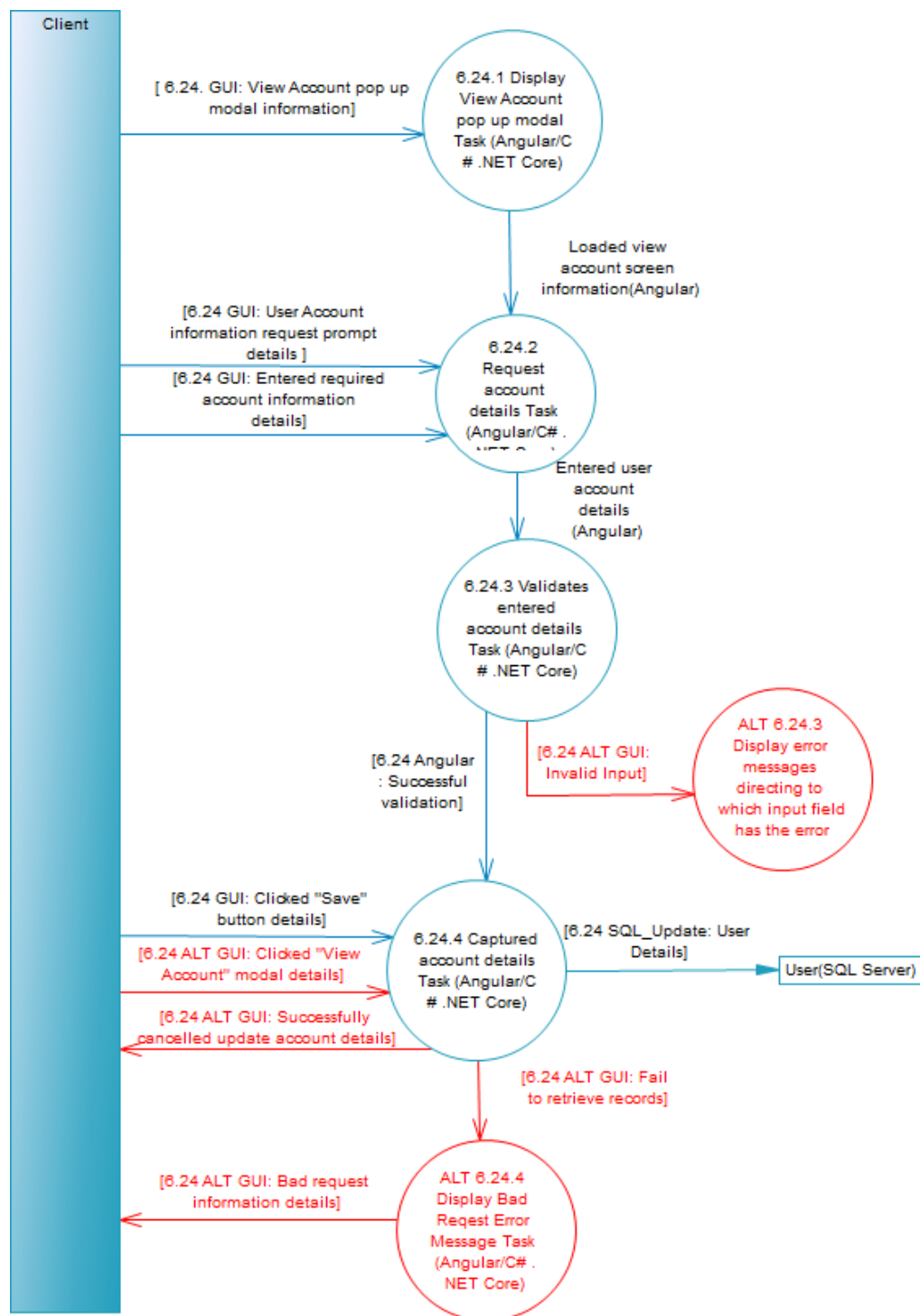


Figure 54:6.24-View Account Primitive Level Diagram



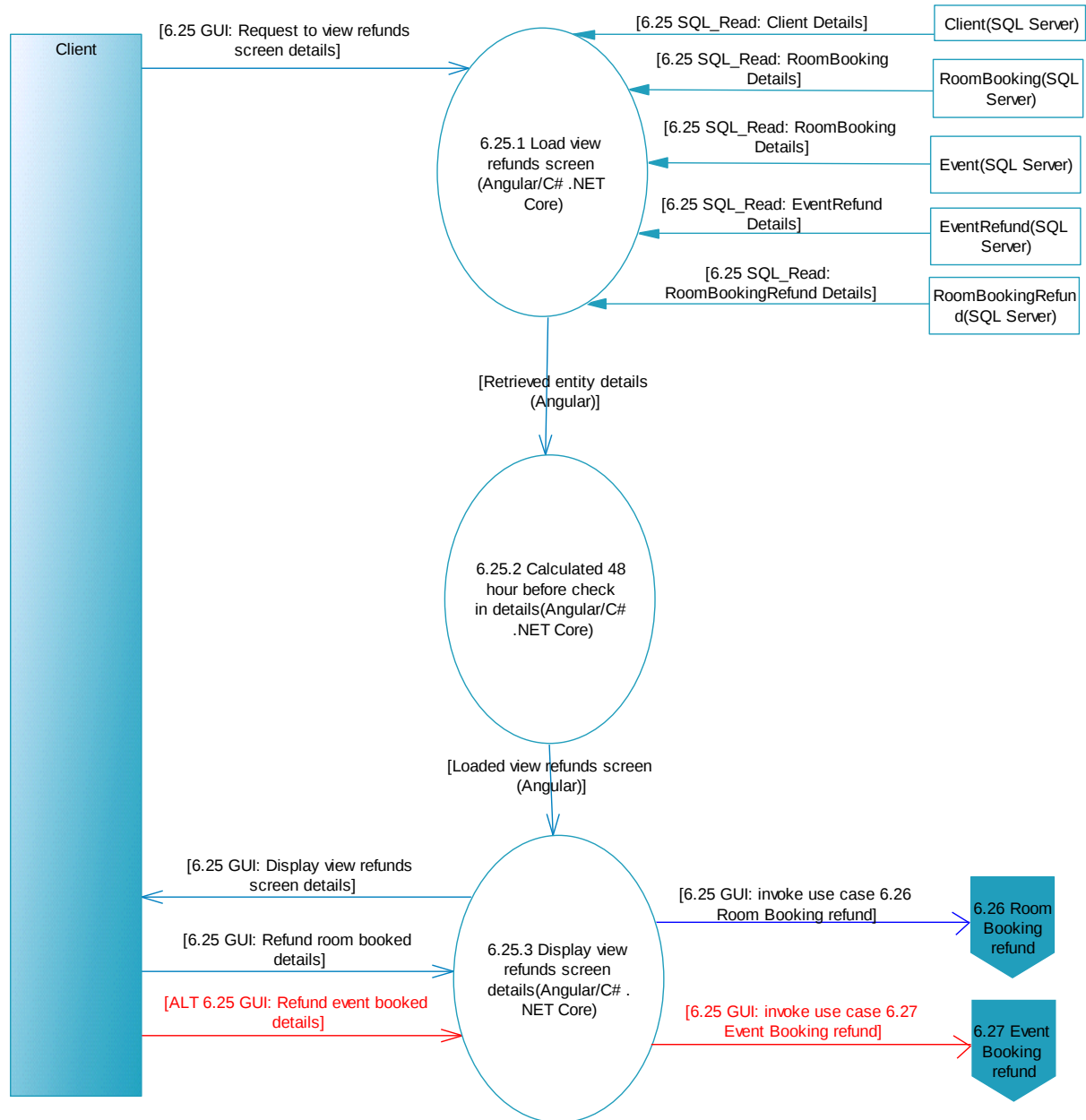


Figure 55:6.25-View Refunds Primitive Level Diagram



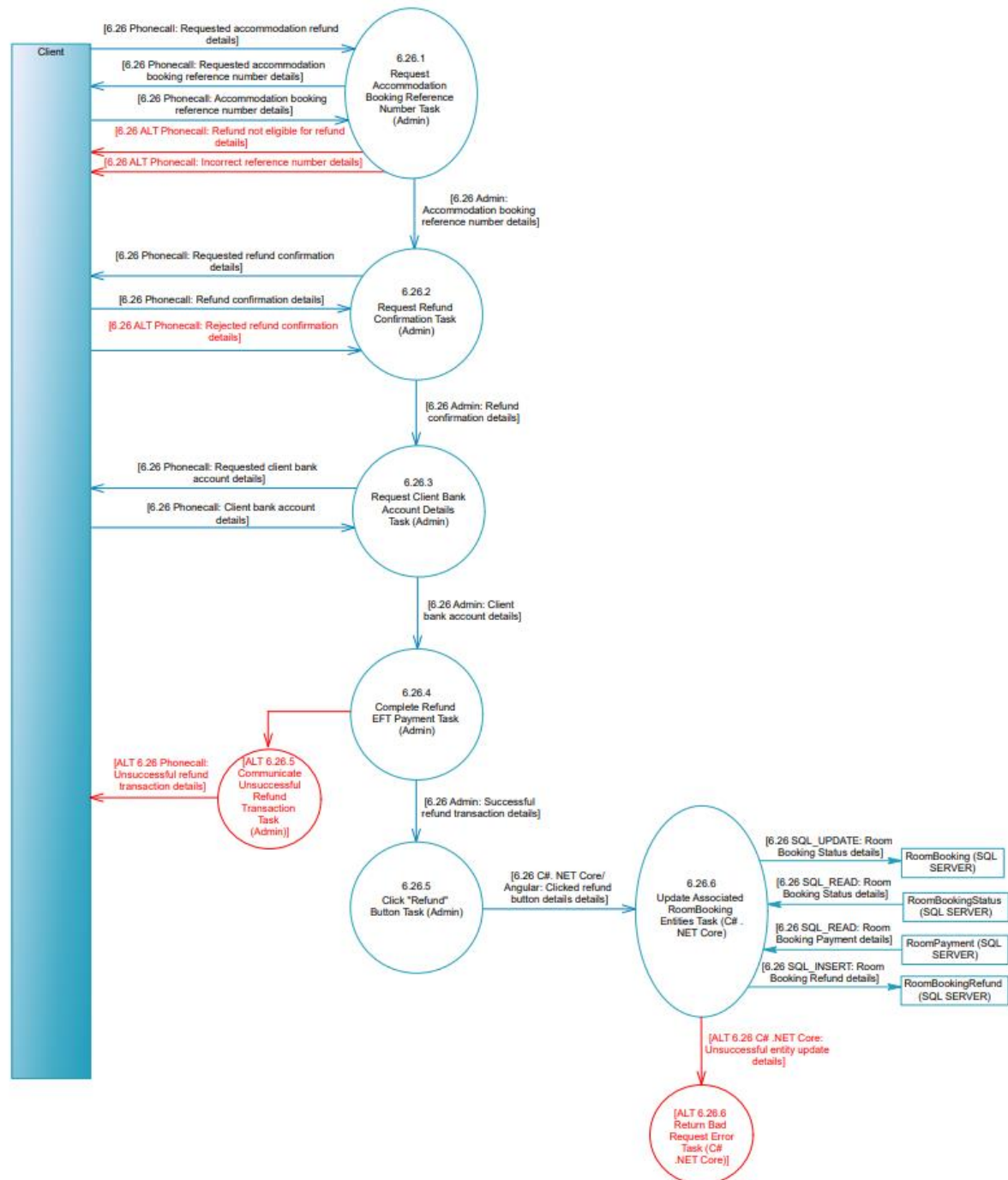


Figure 56:6.26-Refund Room Booking Primitive Level Diagram



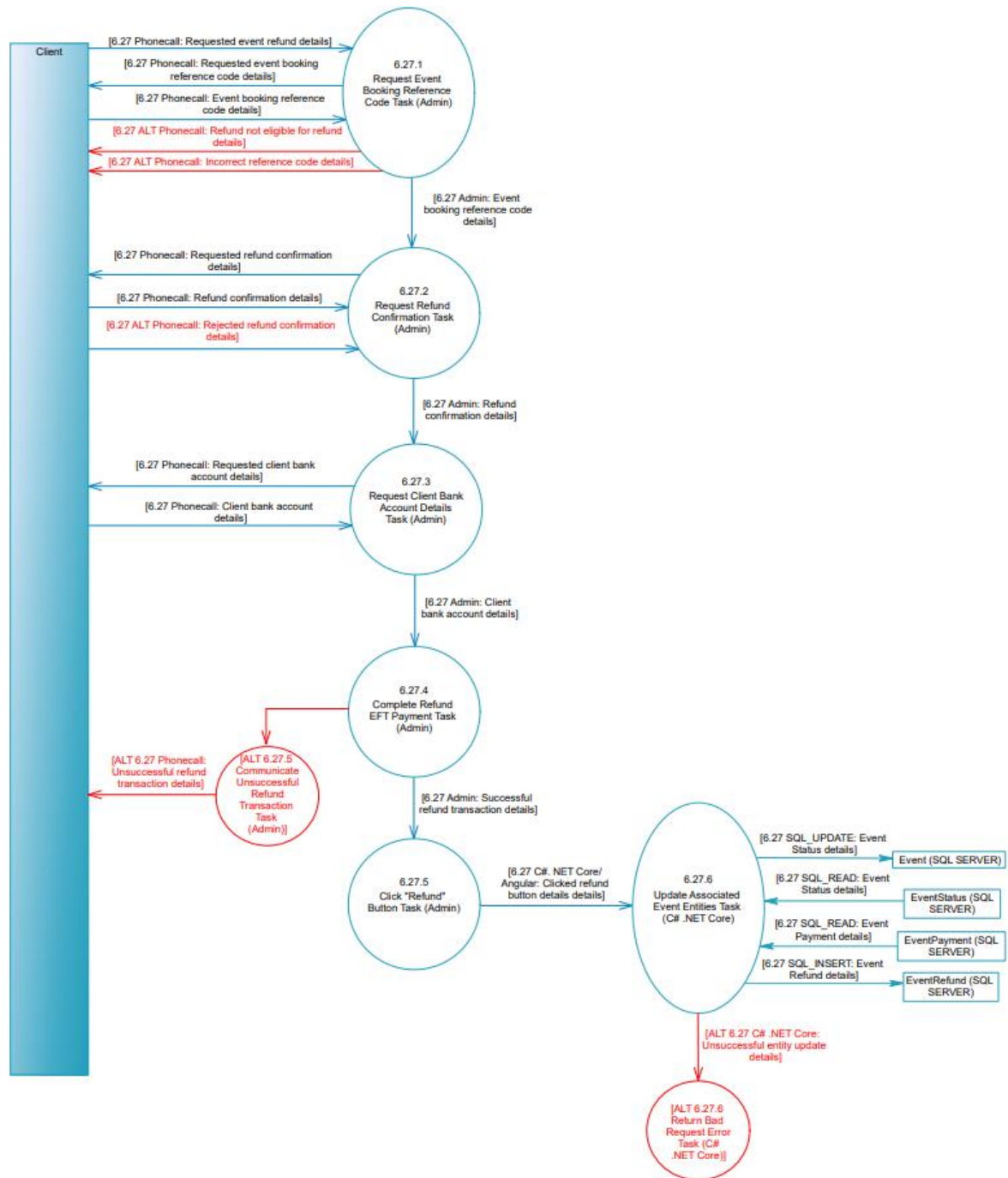


Figure 57:6.27-Refund Event Booking Primitive Level Diagram



2.7. Subsystem 7 – Inventory

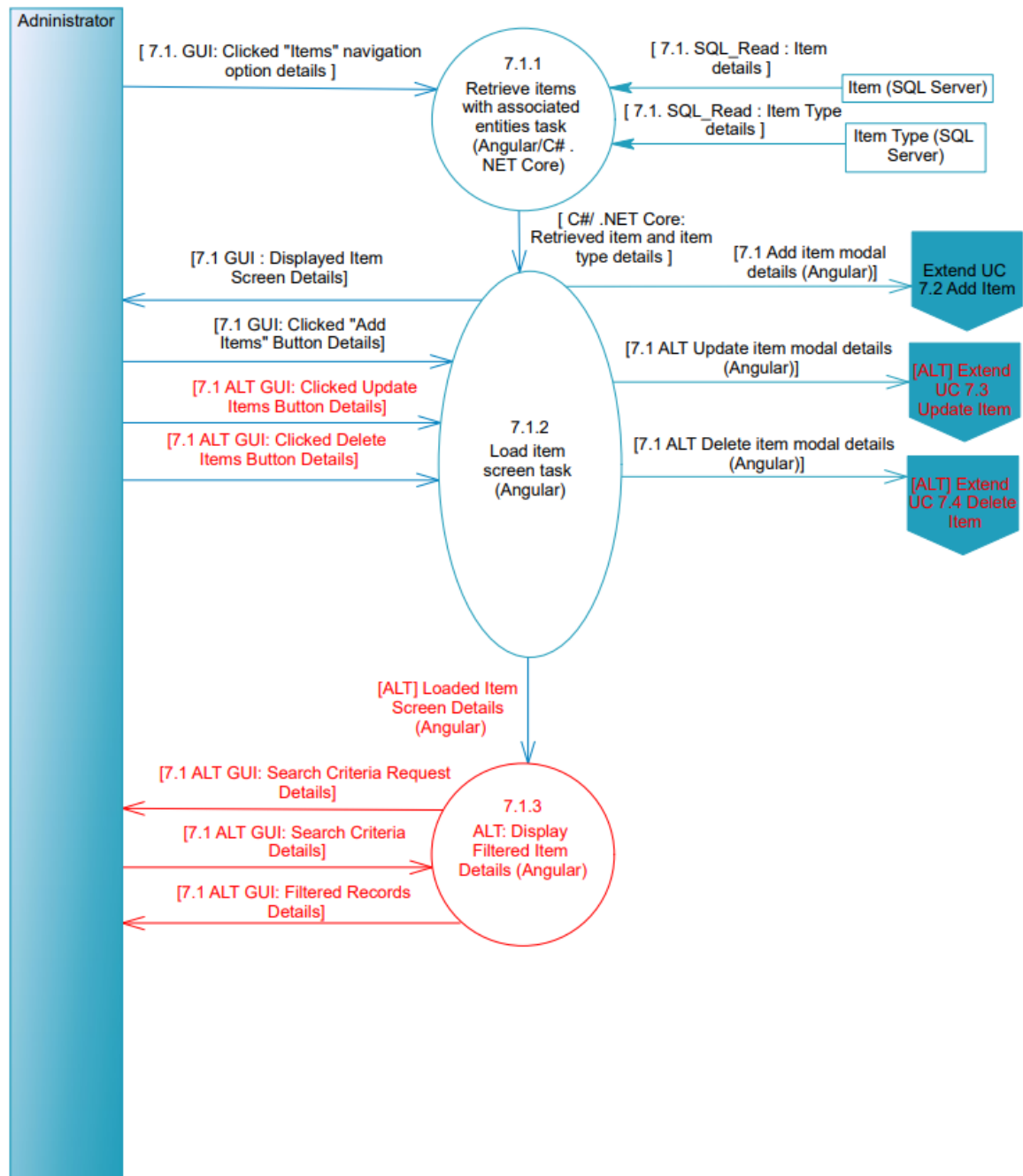


Figure 58:7.1-View Item Primitive Level Diagram



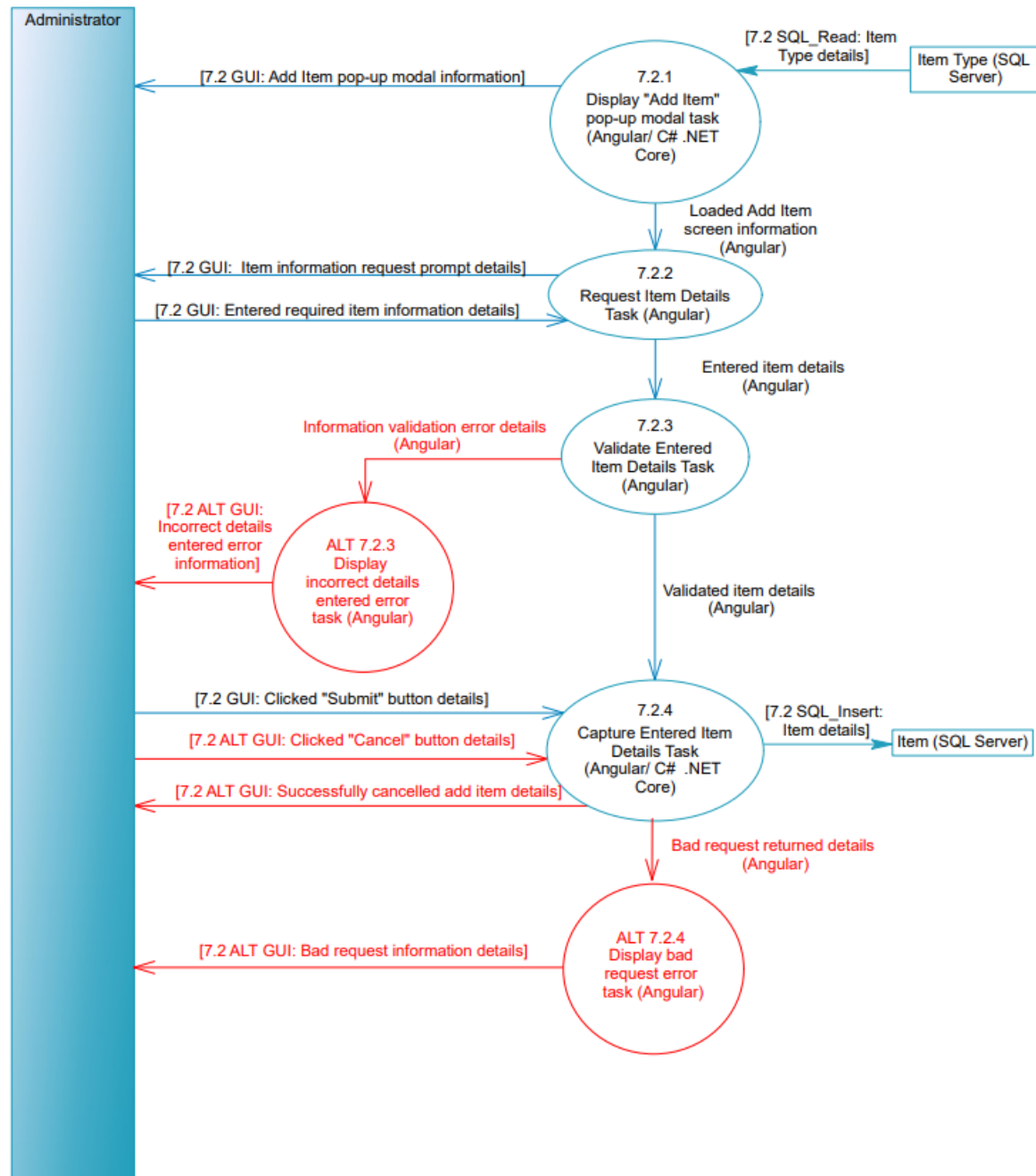


Figure 59:7.2-Add Item Primitive Level Diagram



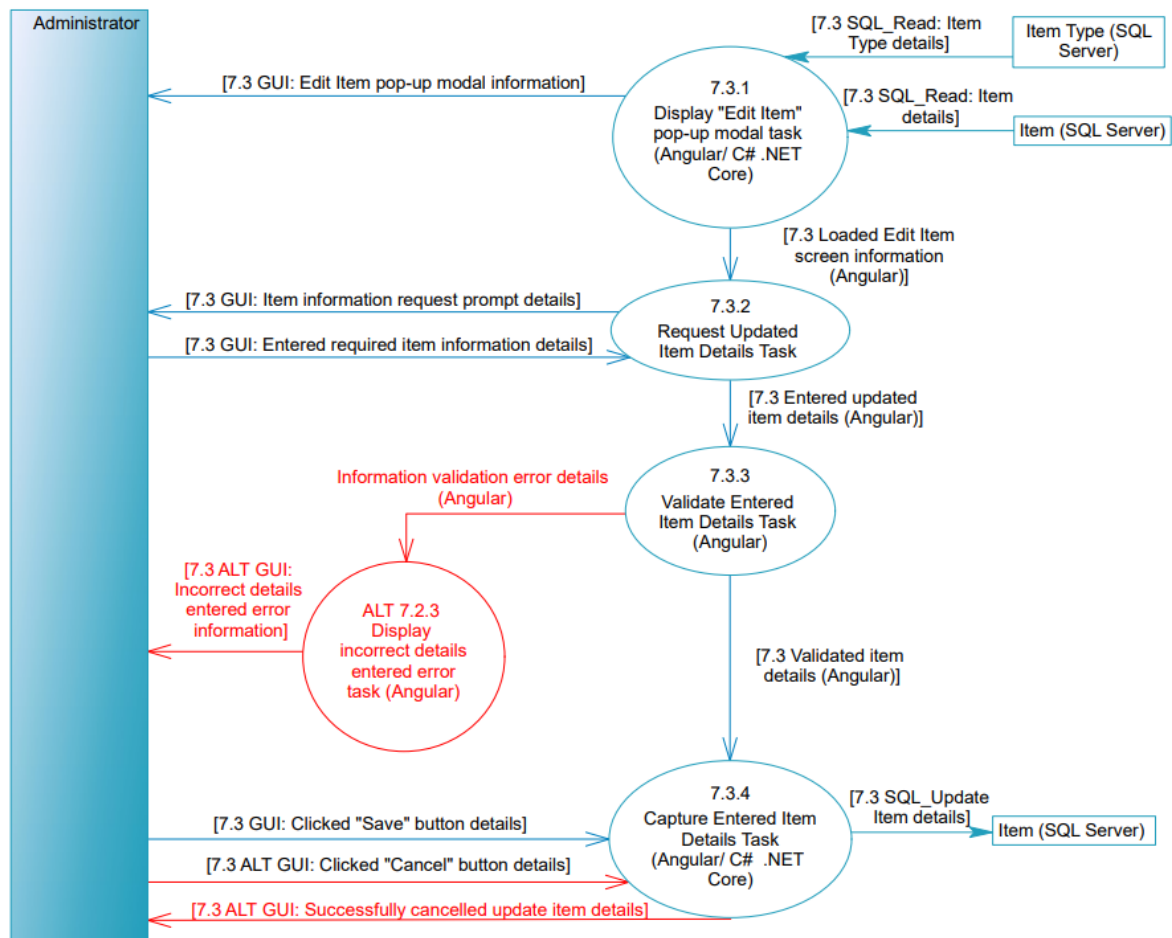


Figure 60:7.3-Update Item Primitive Level Diagram



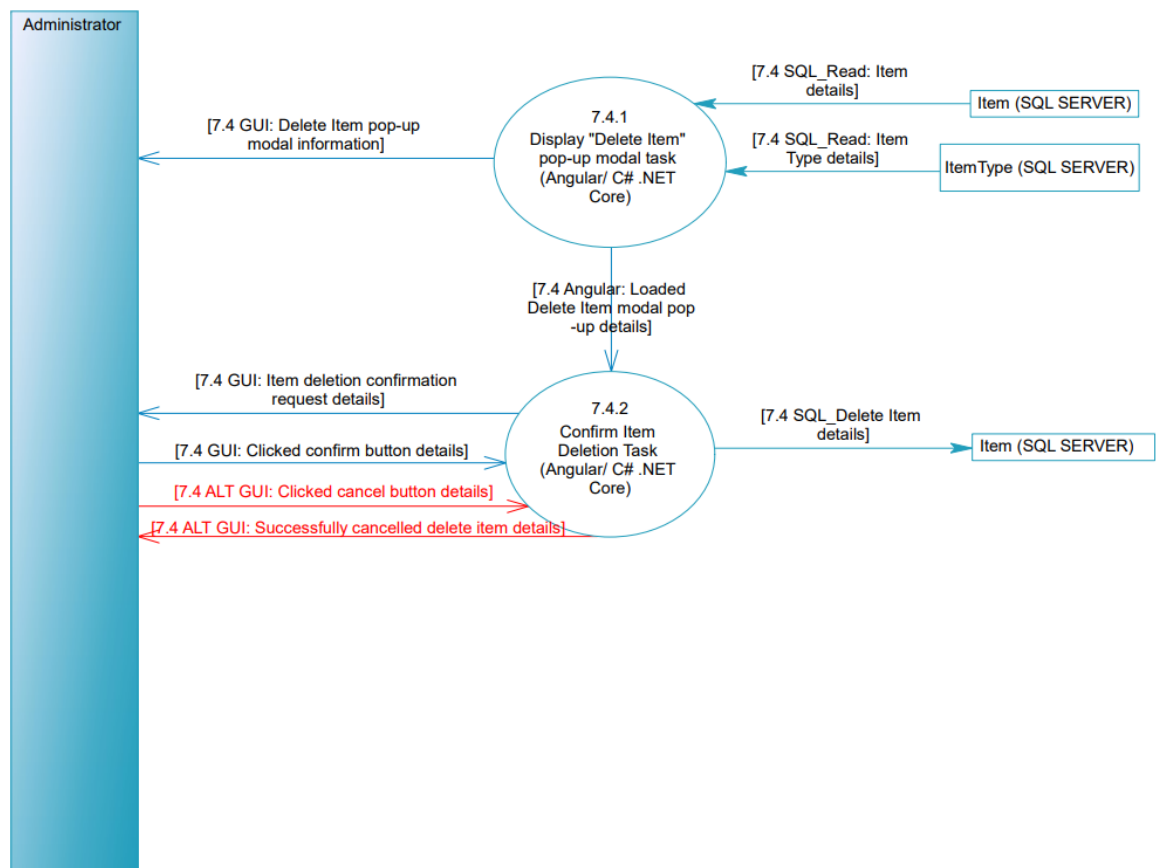


Figure 61: 7.4-Delete Item Primitive Level Diagram



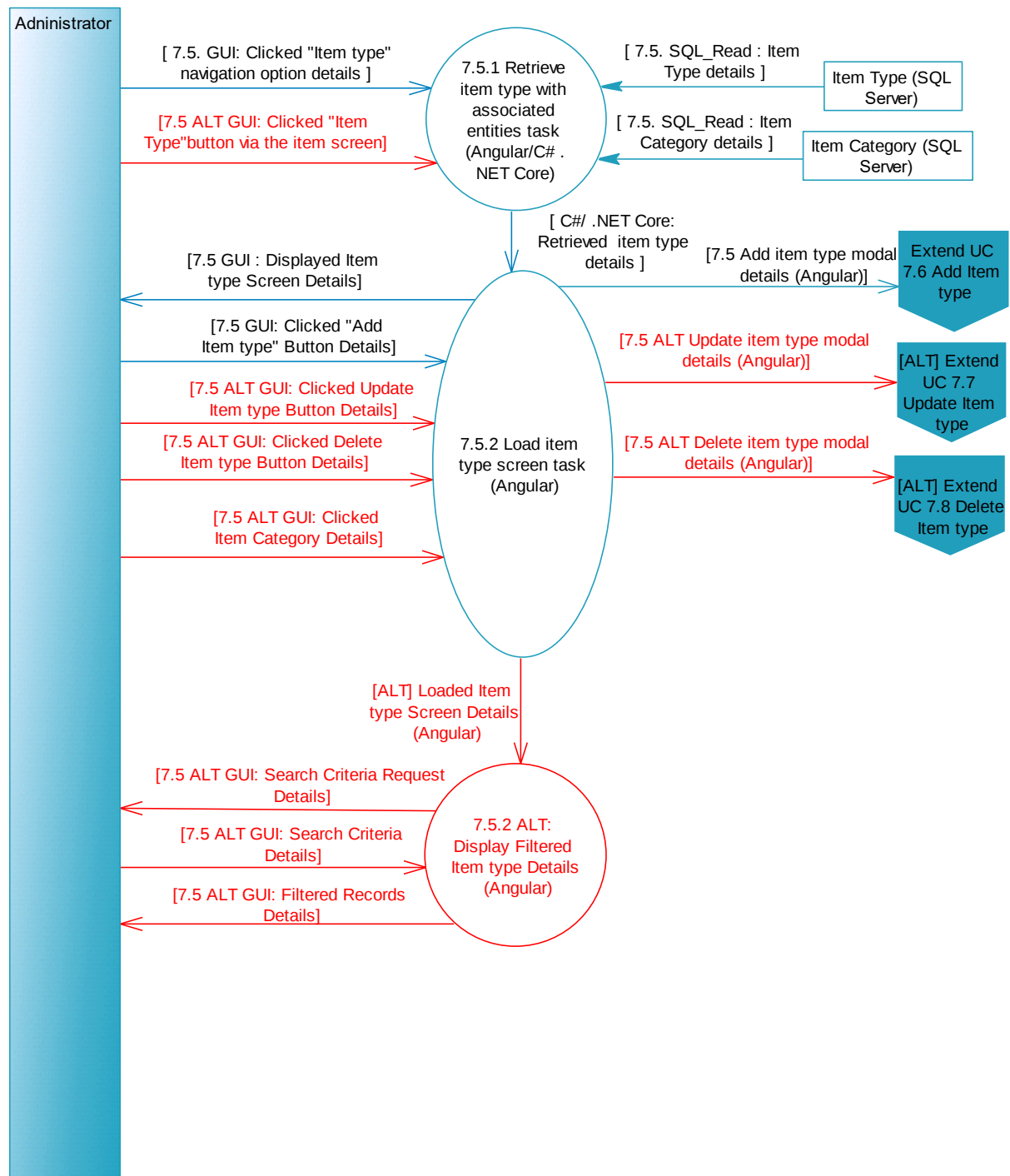


Figure 62:7.5-View Item Type Primitive Level Diagram



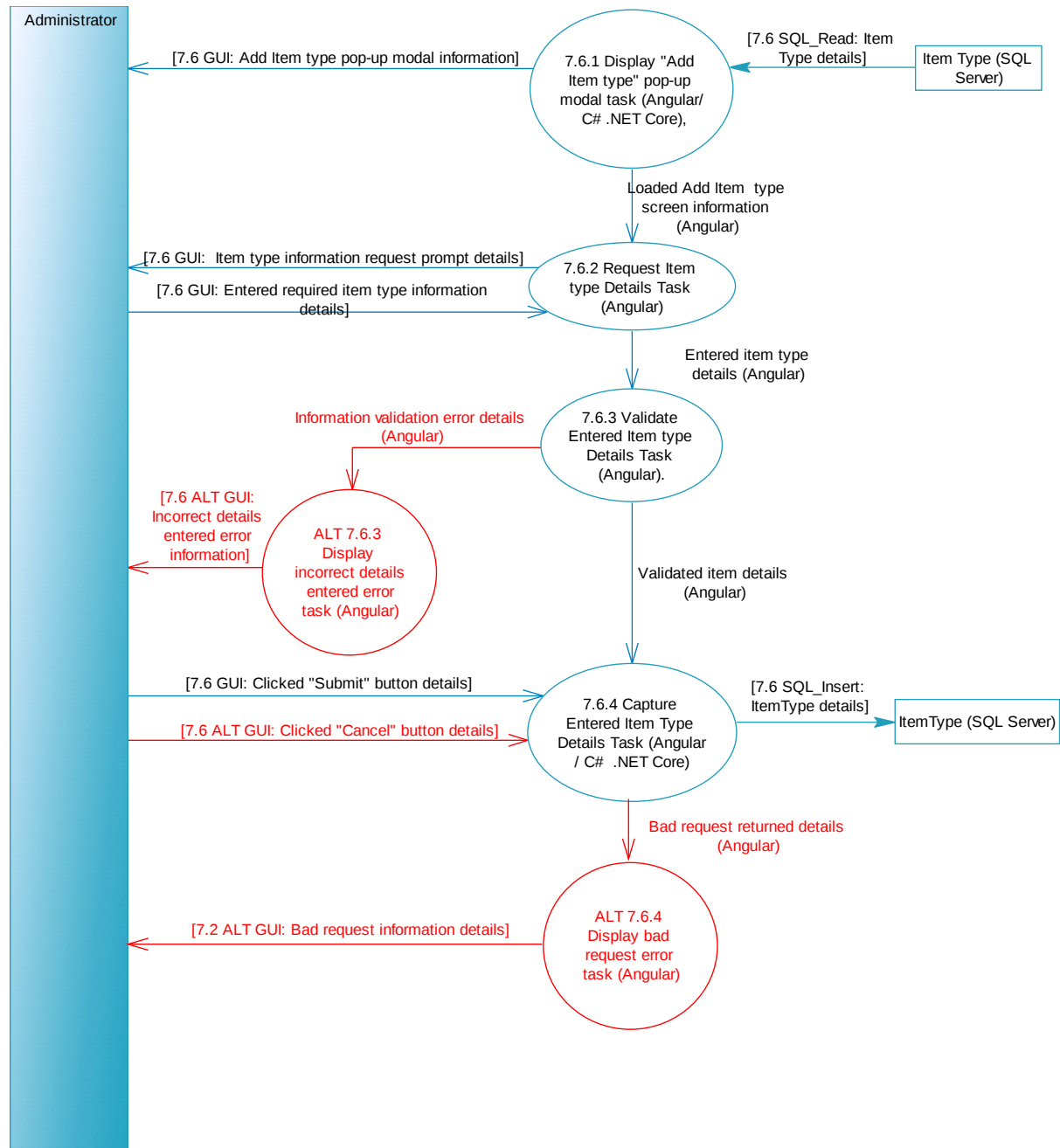


Figure 63:7.6-Add Item Type Primitive Level Diagram



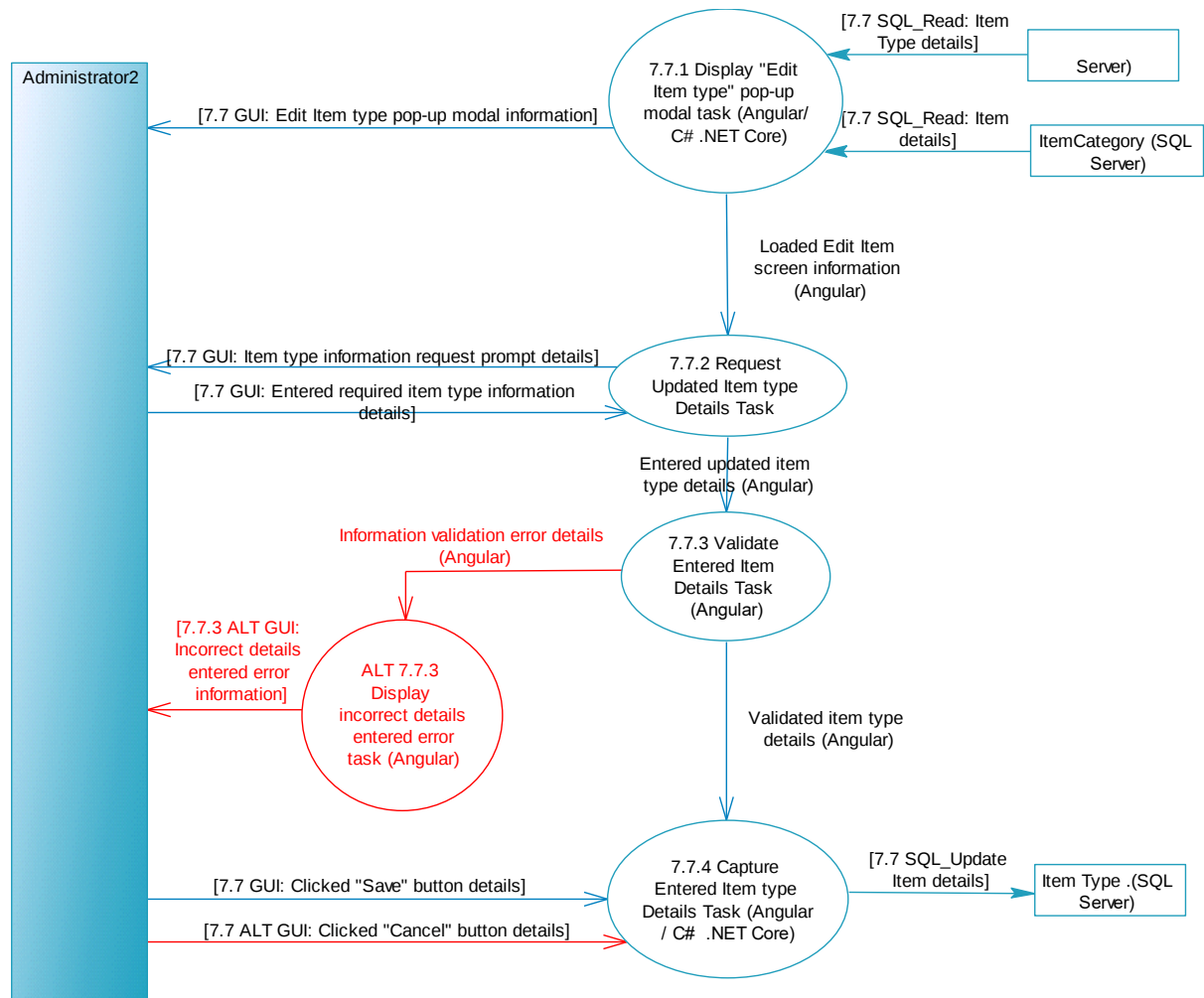


Figure 64:7.7-Update Item Type Primitive Level Diagram



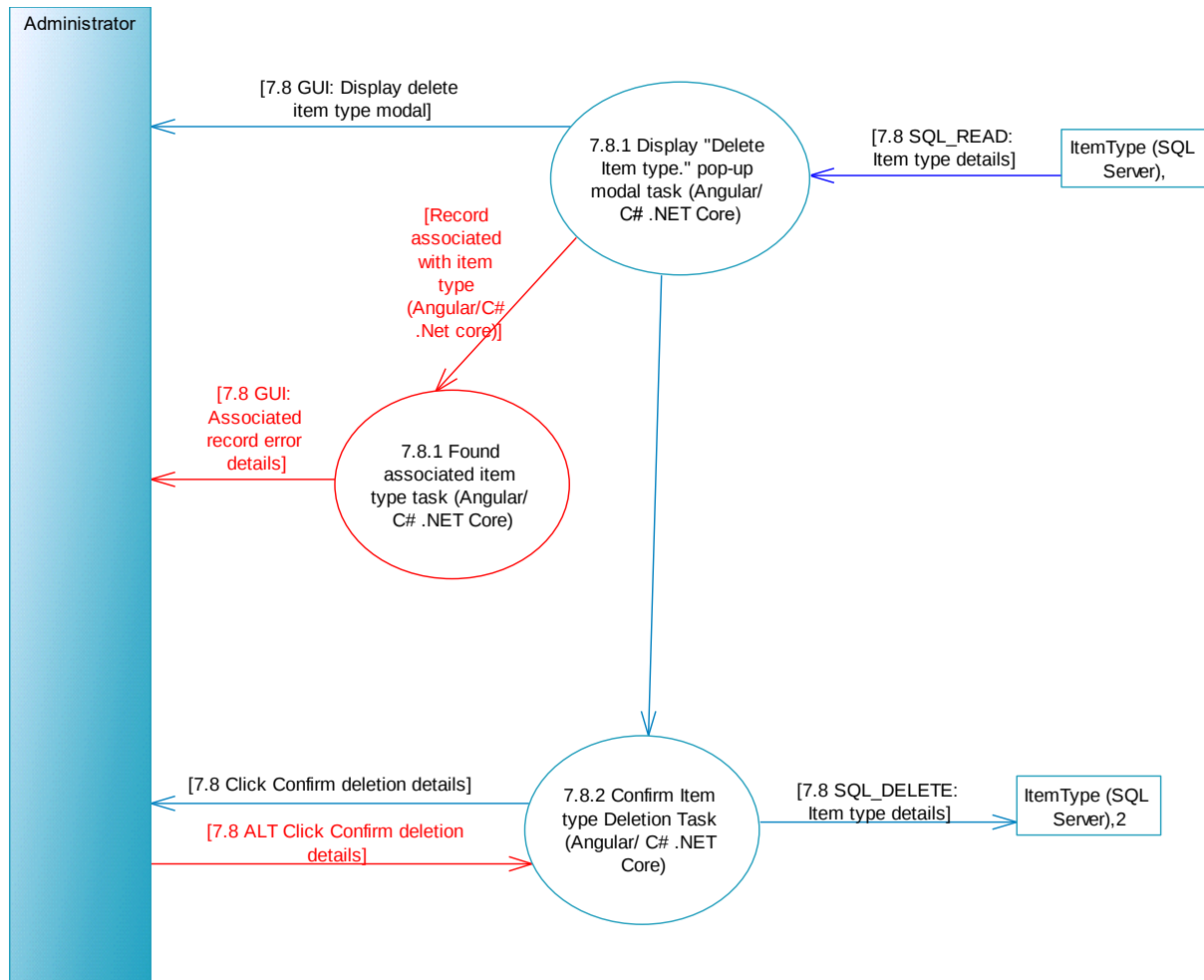


Figure 65:7.8-Delete Item Type Primitive Level Diagram



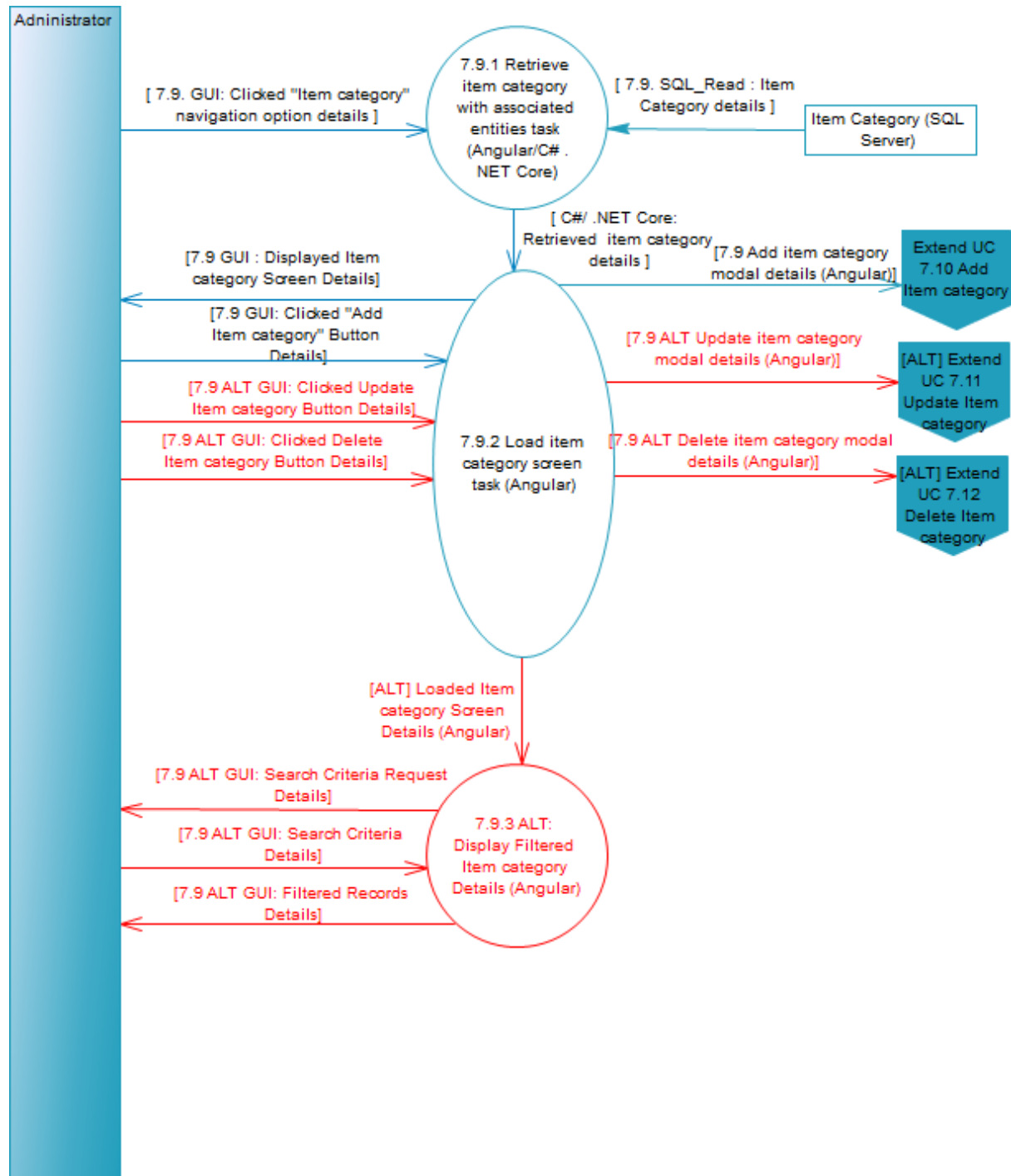


Figure 66:7.9-View Item Category Primitive Level Diagram



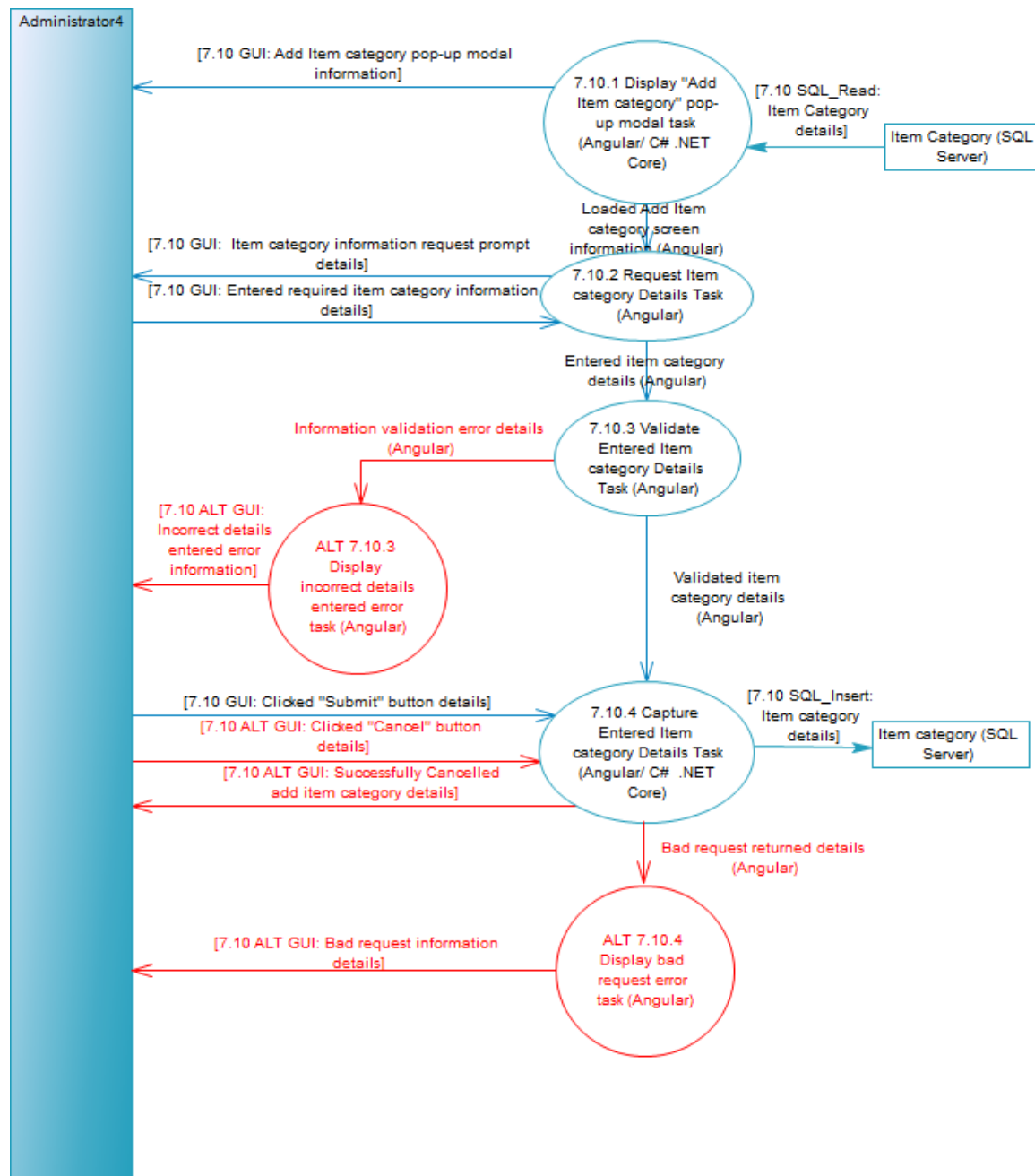


Figure 67:7.10-Add Item Category Primitive Level Diagram



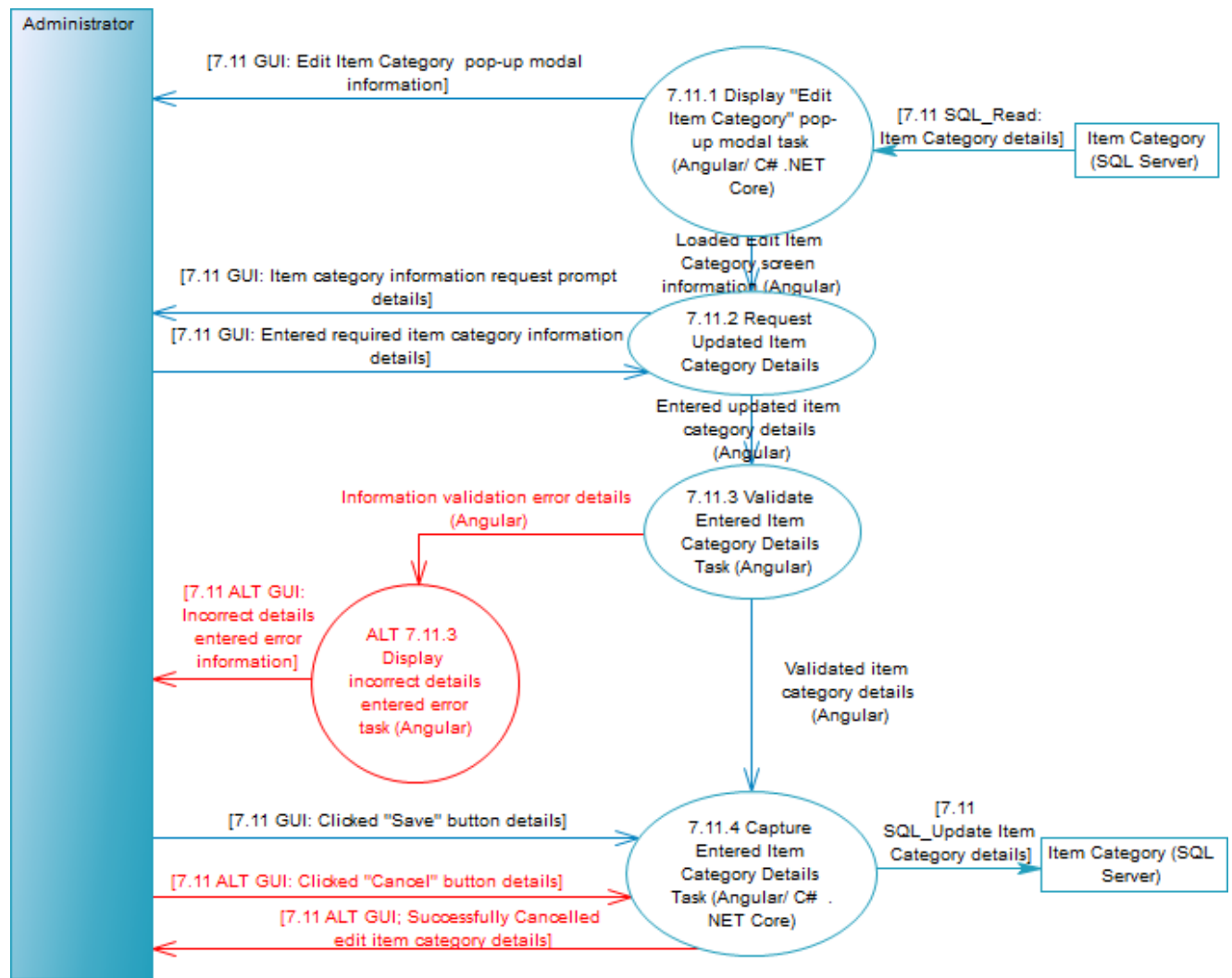


Figure 68:7.11-Update Item Category Primitive Level Diagram



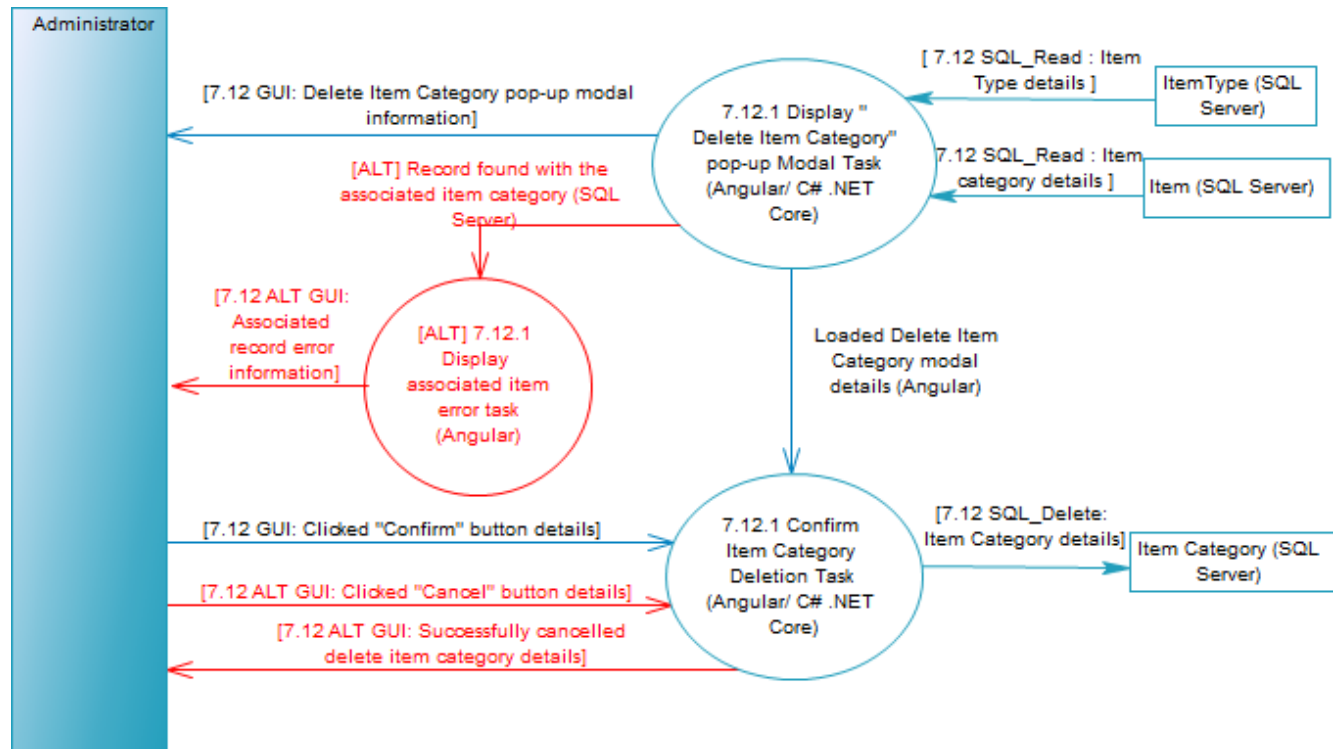


Figure 69:7.12-Delete Item Category Primitive Level Diagram



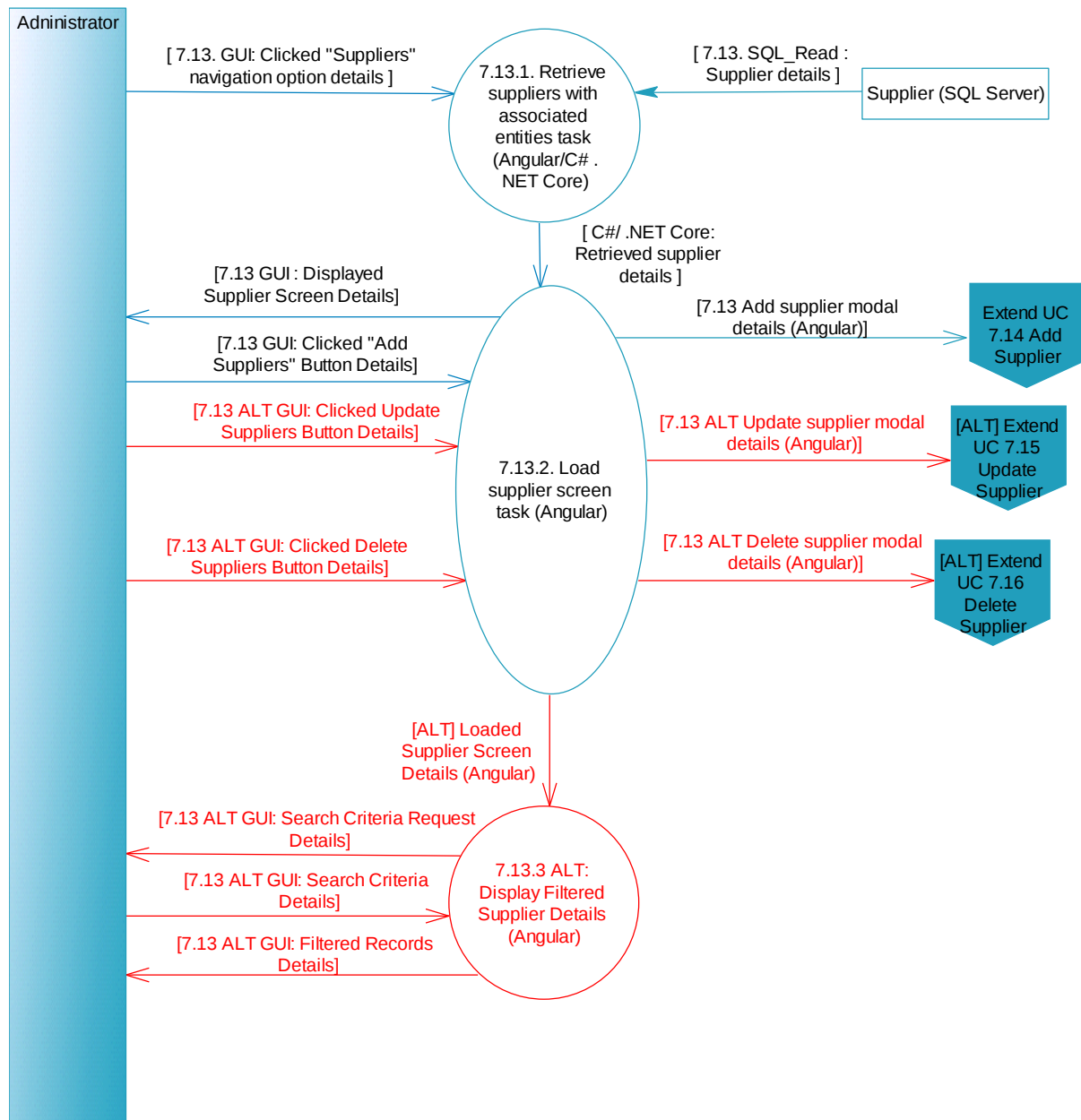


Figure 70:7.13-View Supplier Primitive Level Diagram



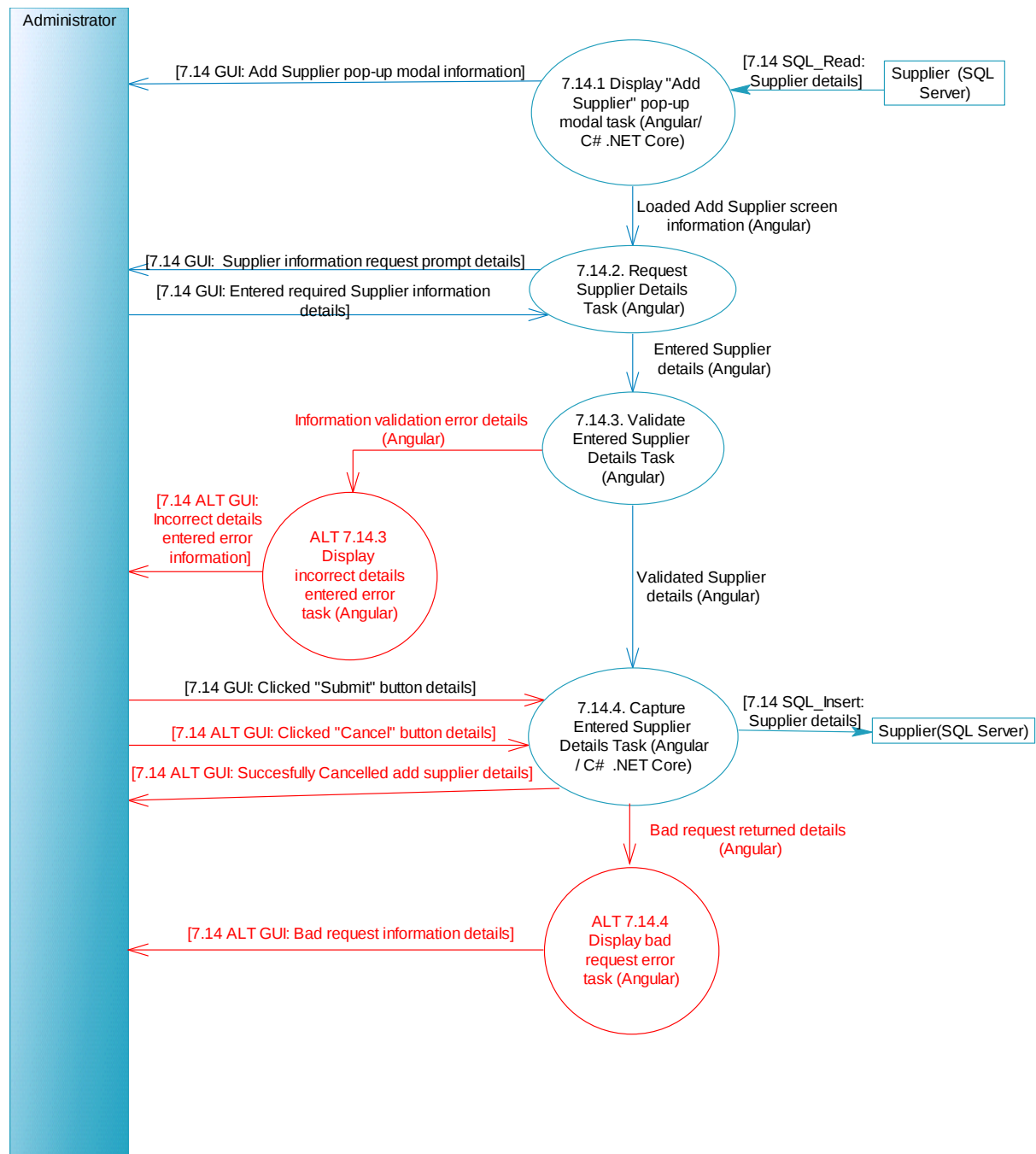


Figure 71:7.14-Add Supplier Primitive Level Diagram



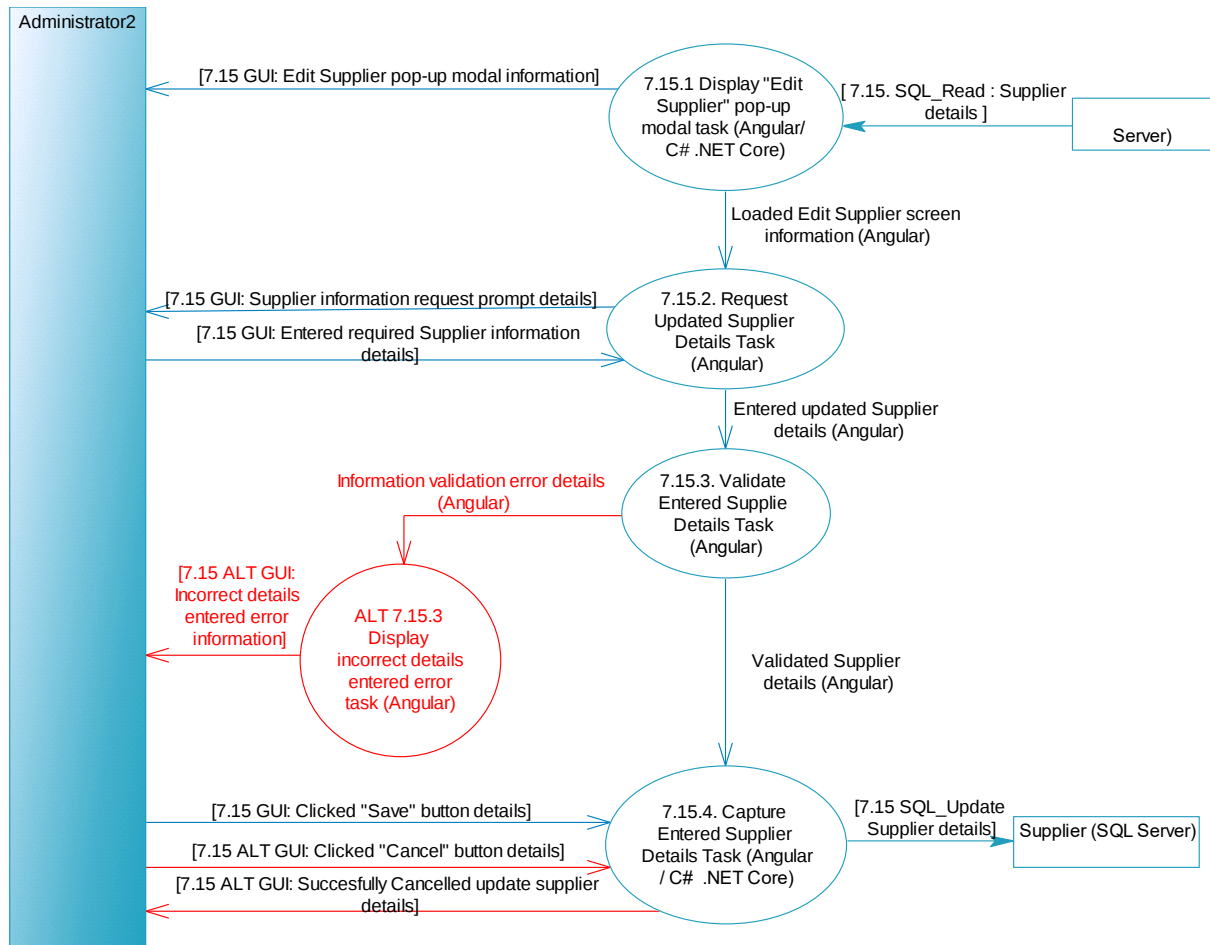


Figure 72:7.15-Update Supplier Primitive Level Diagram

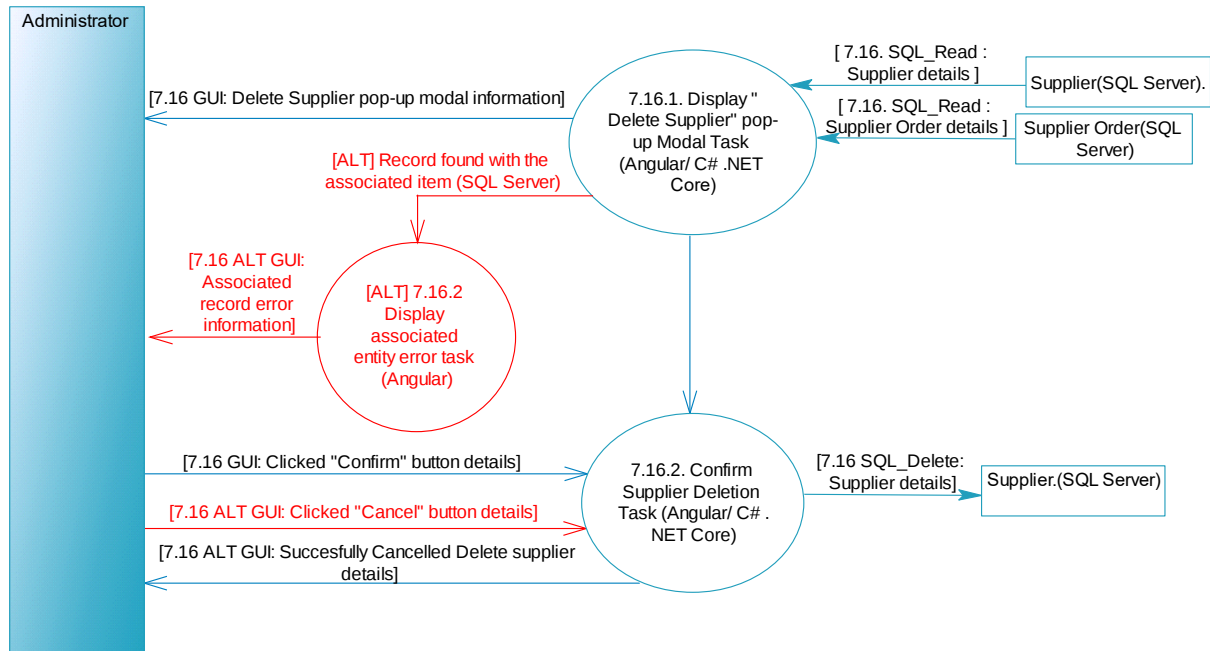


Figure 73:7.16-Delete Supplier Primitive Level Diagram



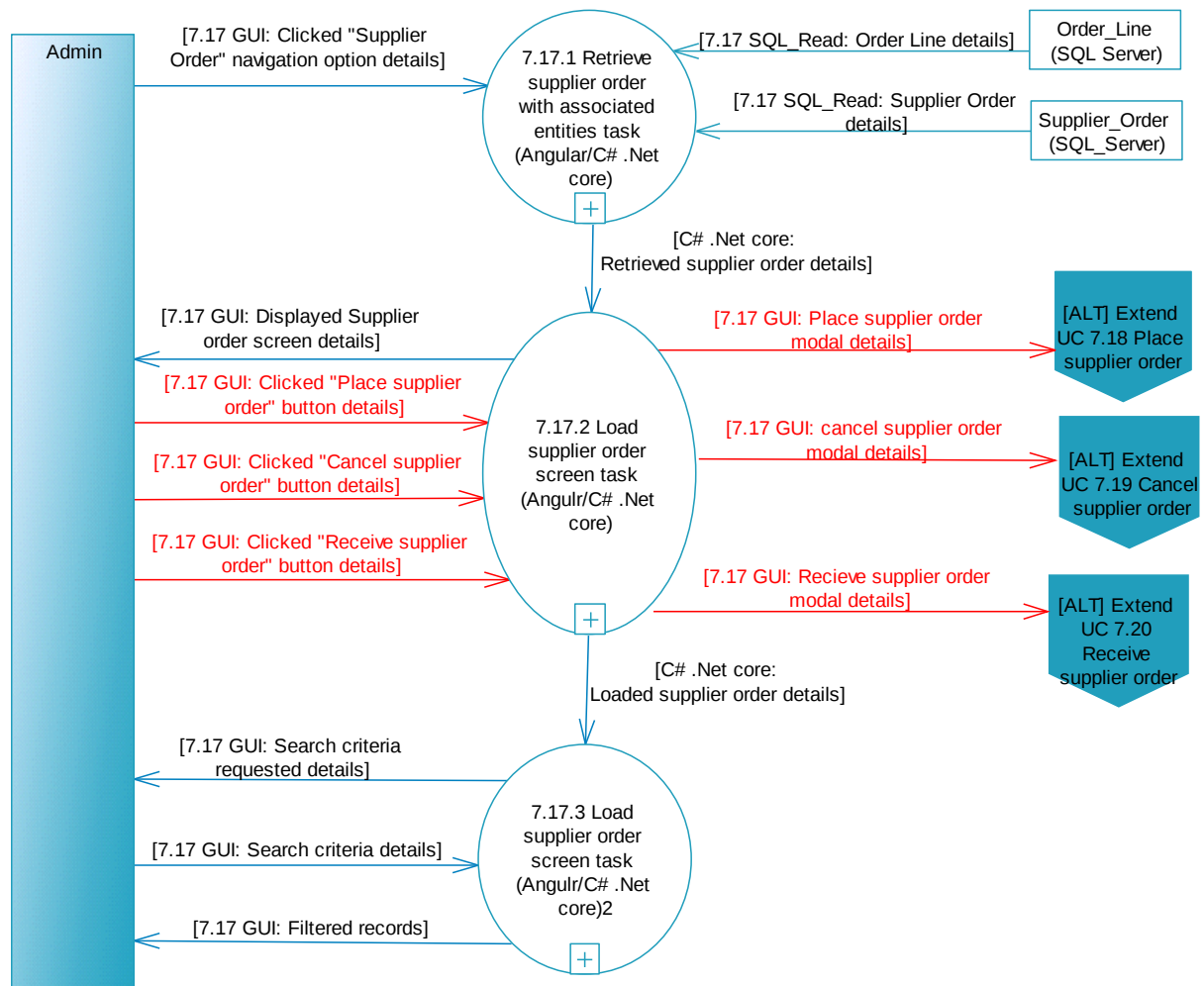


Figure 74:7.17-View Supplier Order Primitive Level Diagram



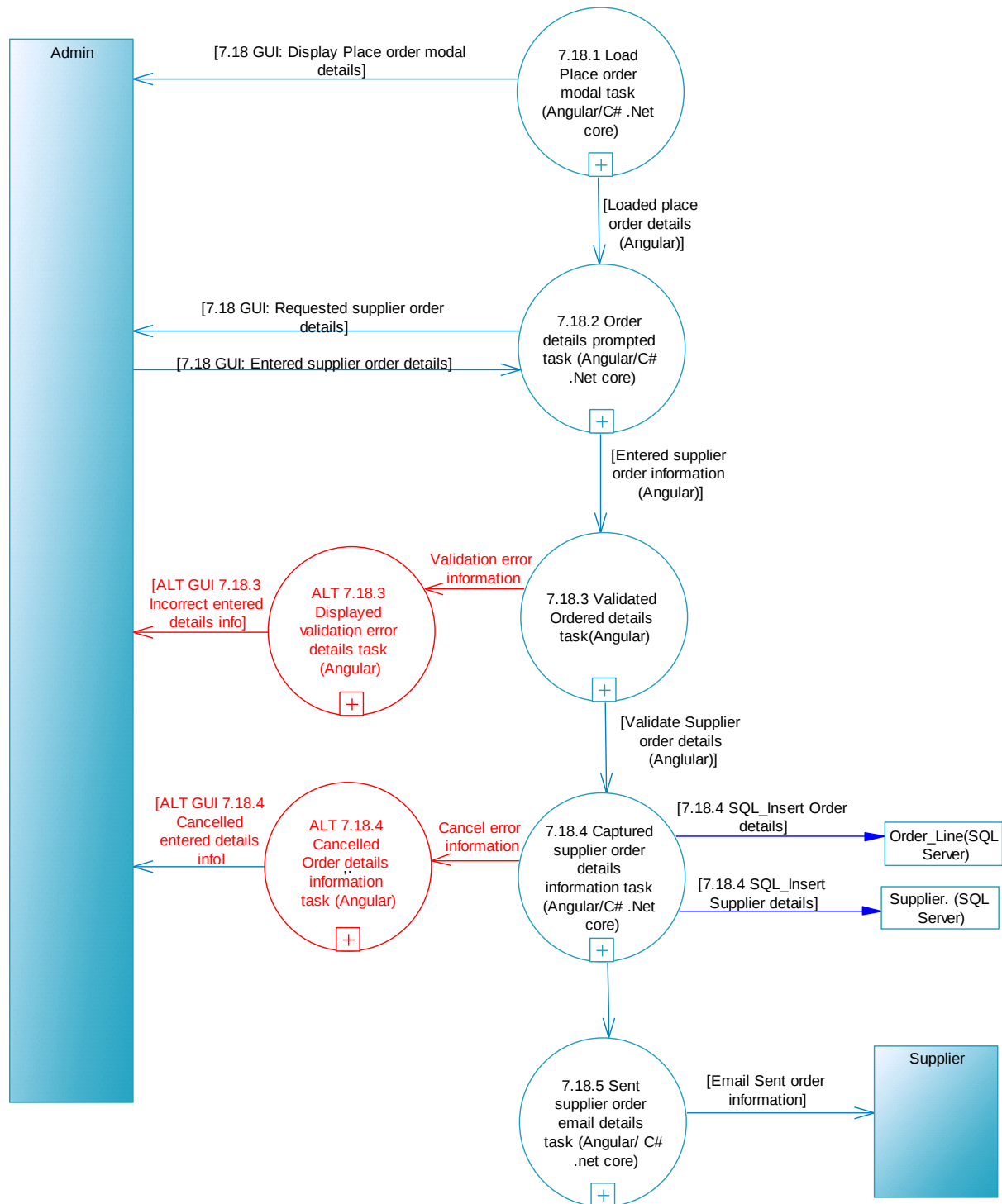


Figure 75:7.18-Place Supplier Order Primitive Level Diagram



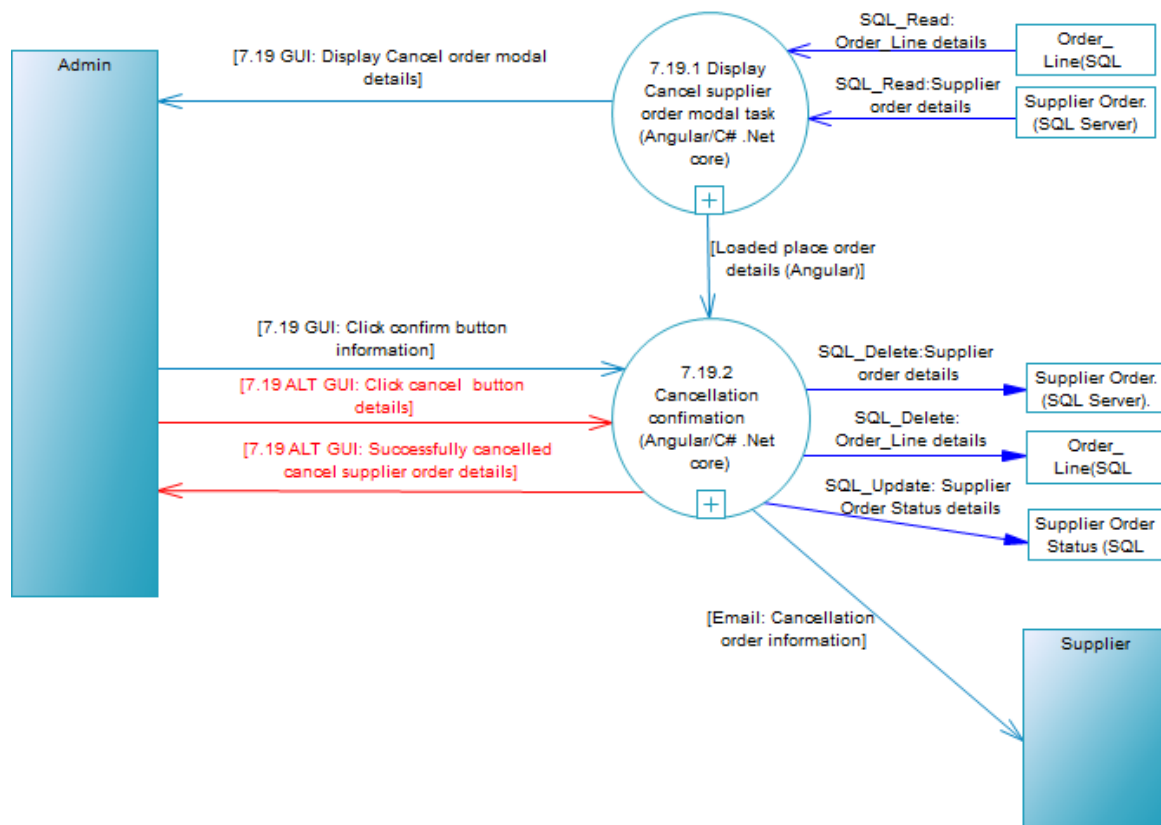


Figure 76:7.19- Cancel Supplier Order Primitive Level Diagram

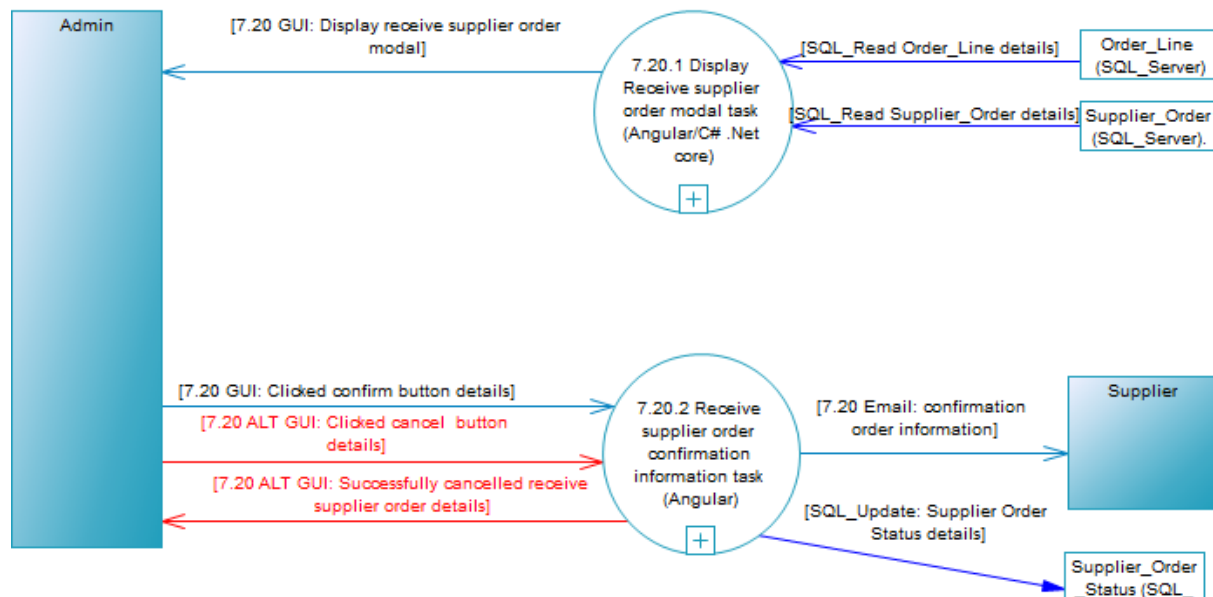


Figure 77:7.20-Receive Supplier Order Primitive Level Diagram



2.8. Subsystem 8 - Reports

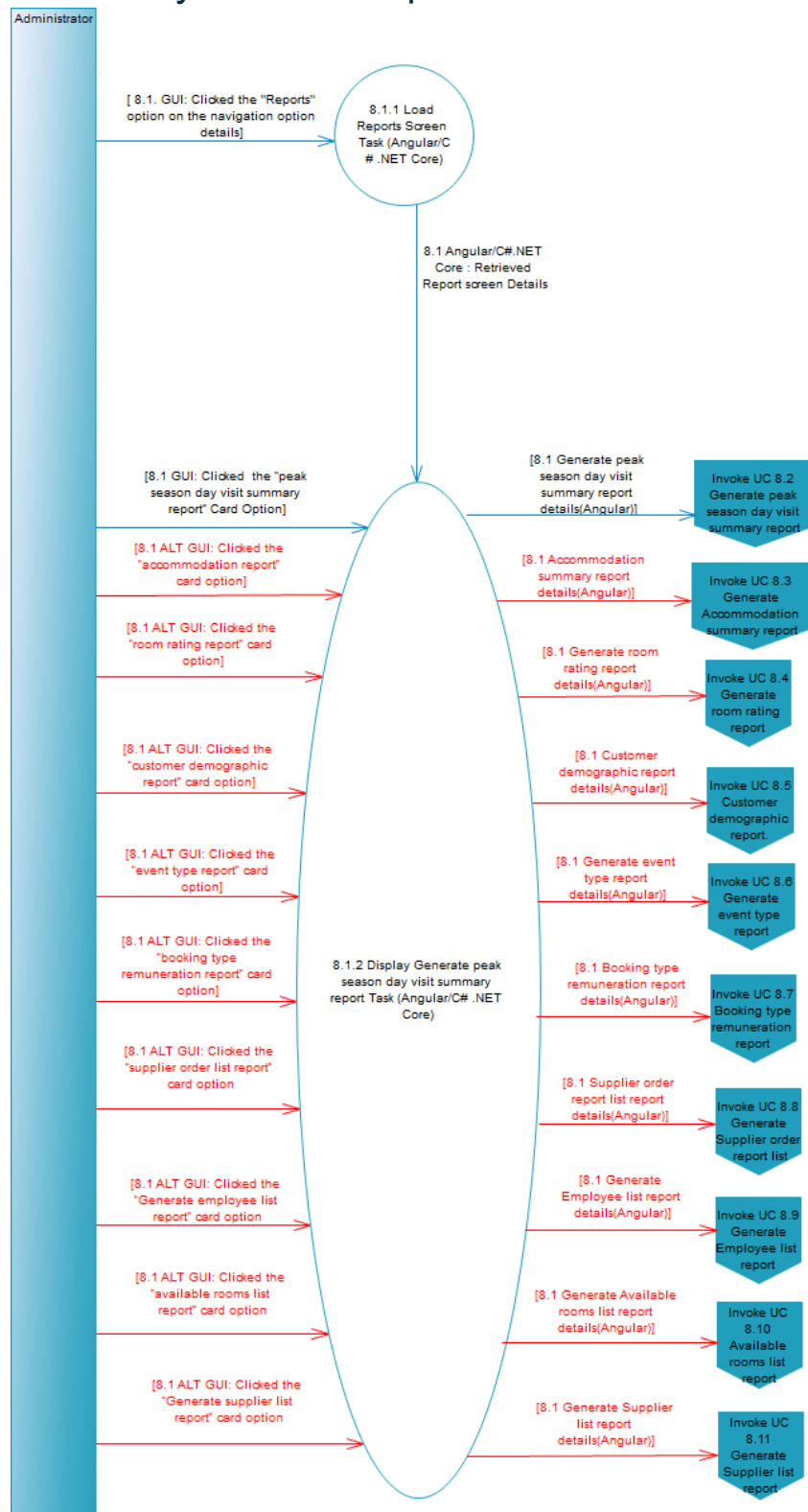


Figure 78:8.1-View Reports Primitive Level Diagram



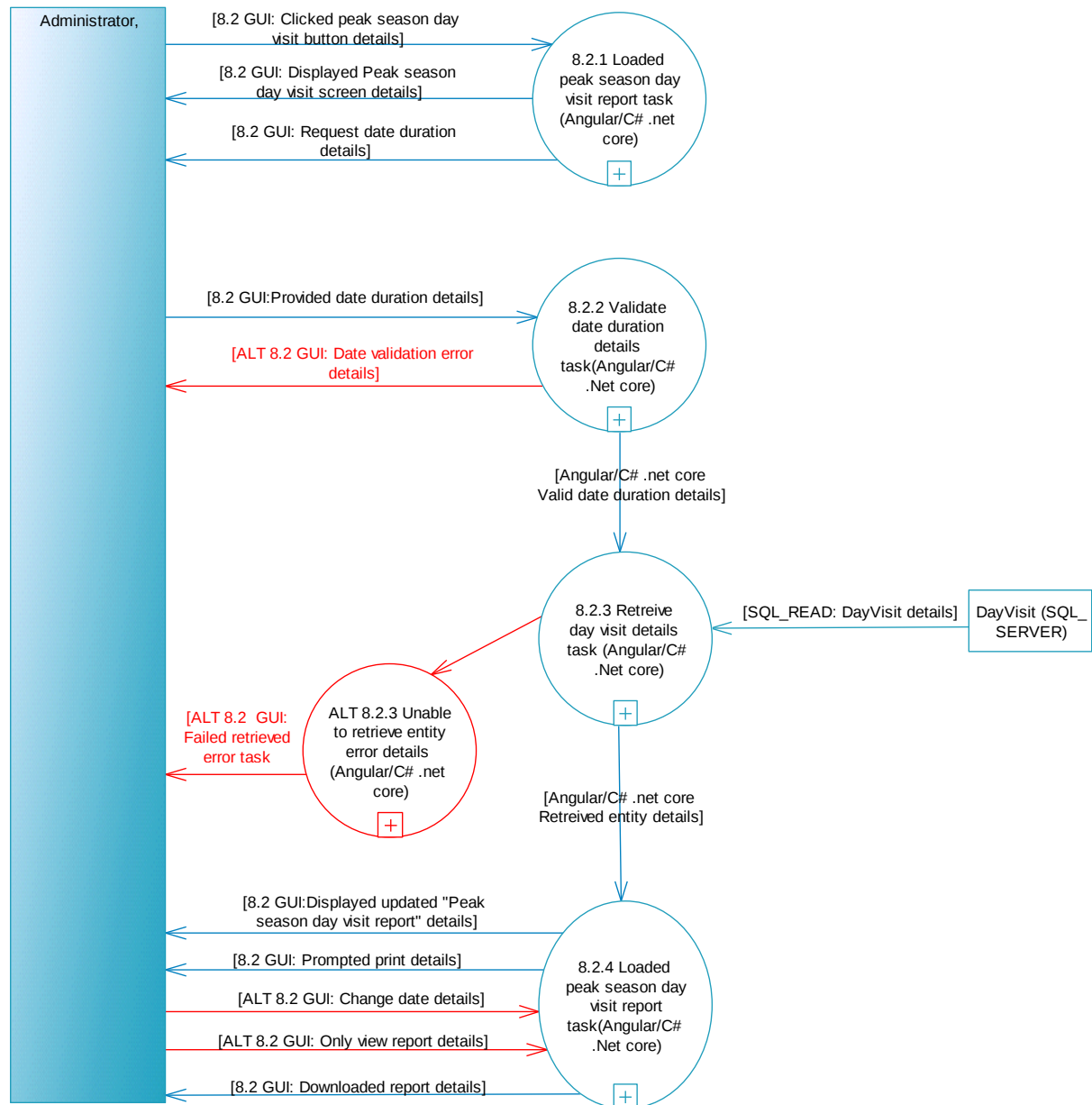


Figure 79:8.2-Generate Peak Season Day Visit Summary Primitive Level Diagram



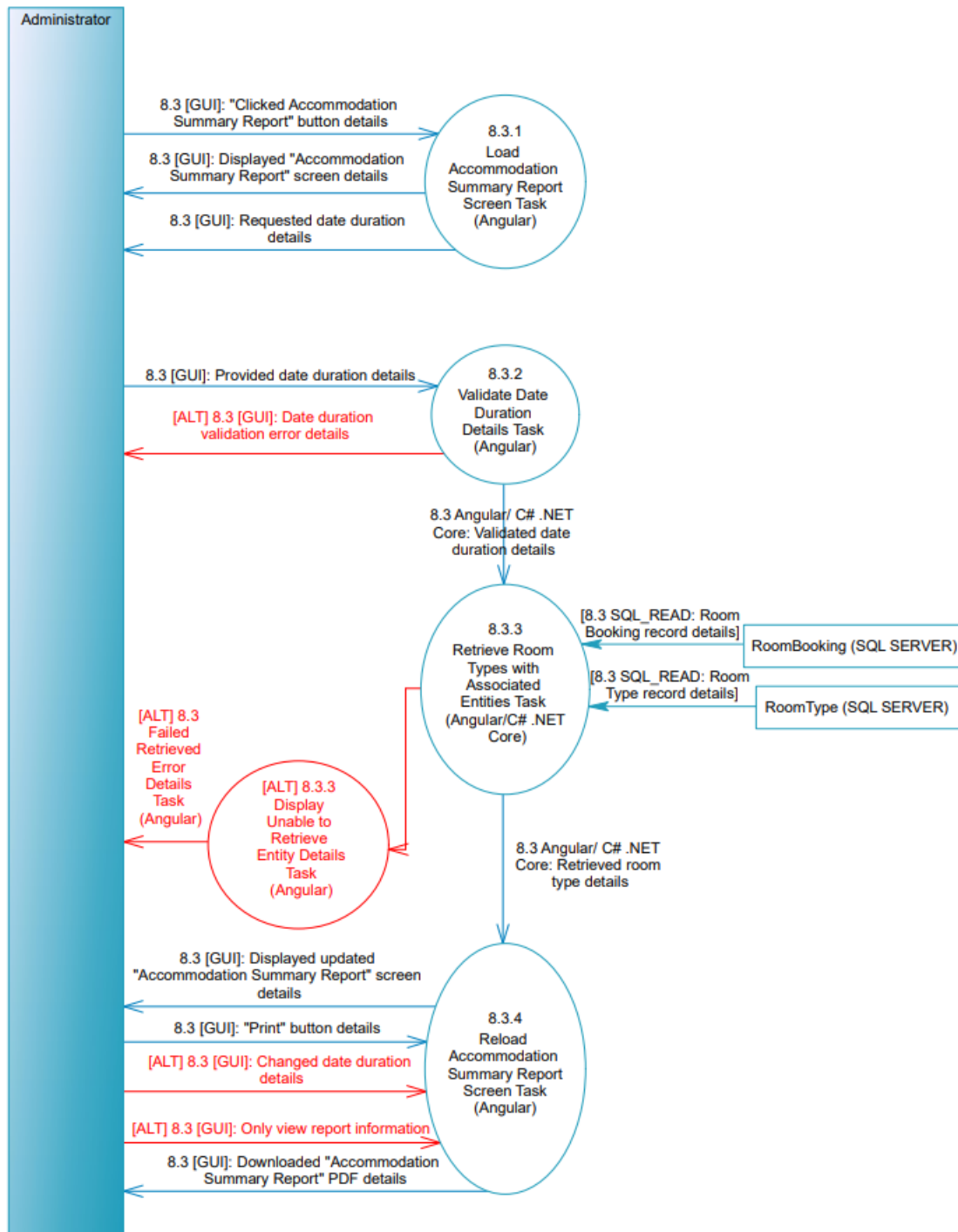


Figure 80:8.3-Generate Accommodation Summary Report Primitive Level Diagram

1



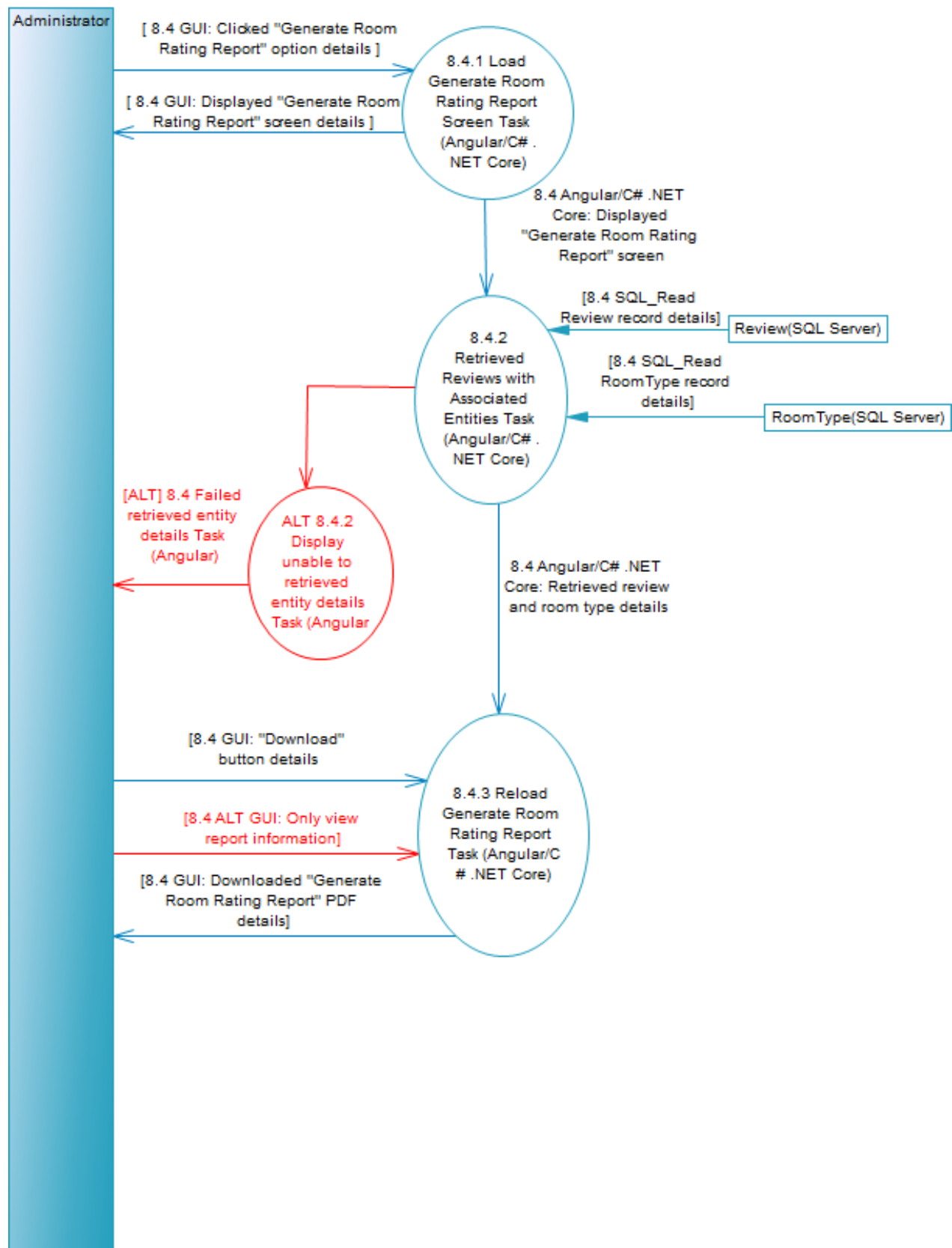


Figure 81:8.4-Generate Room Rating Report Primitive Level Diagram



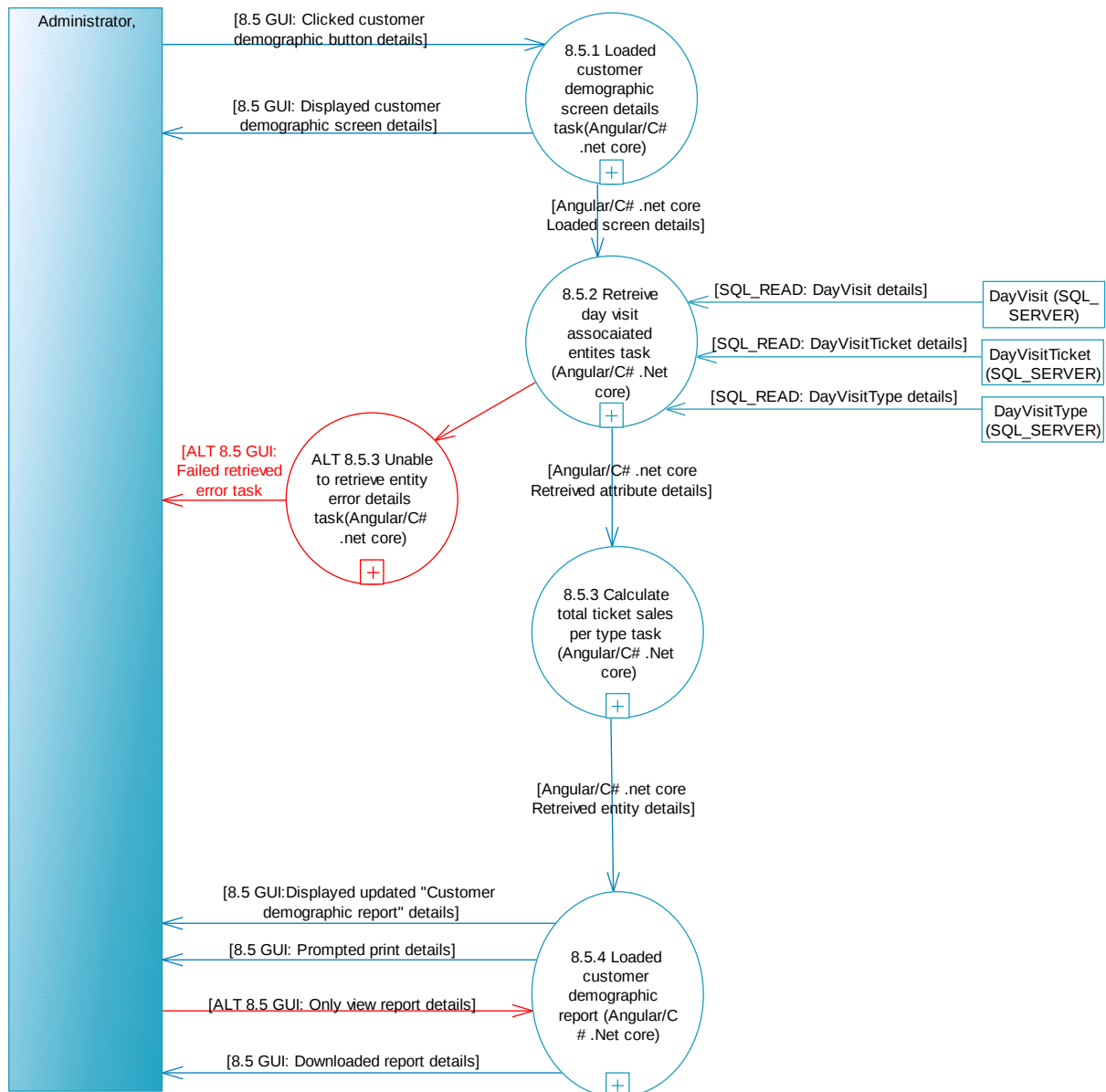


Figure 82:8.5-Customer demographic Report Primitive Level Diagram



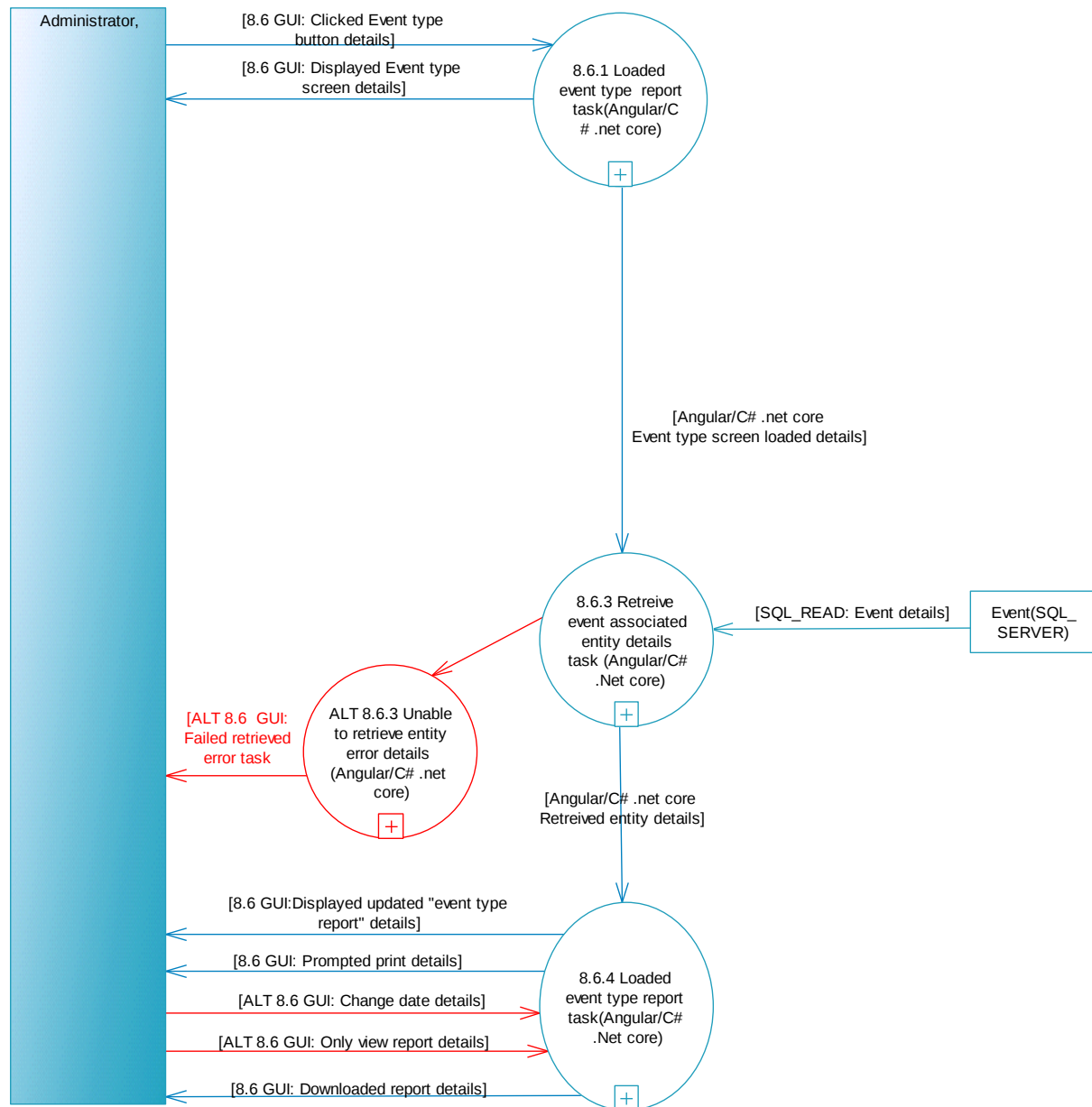


Figure 83:8.6-Generate Event Type Report Primitive Level Diagram



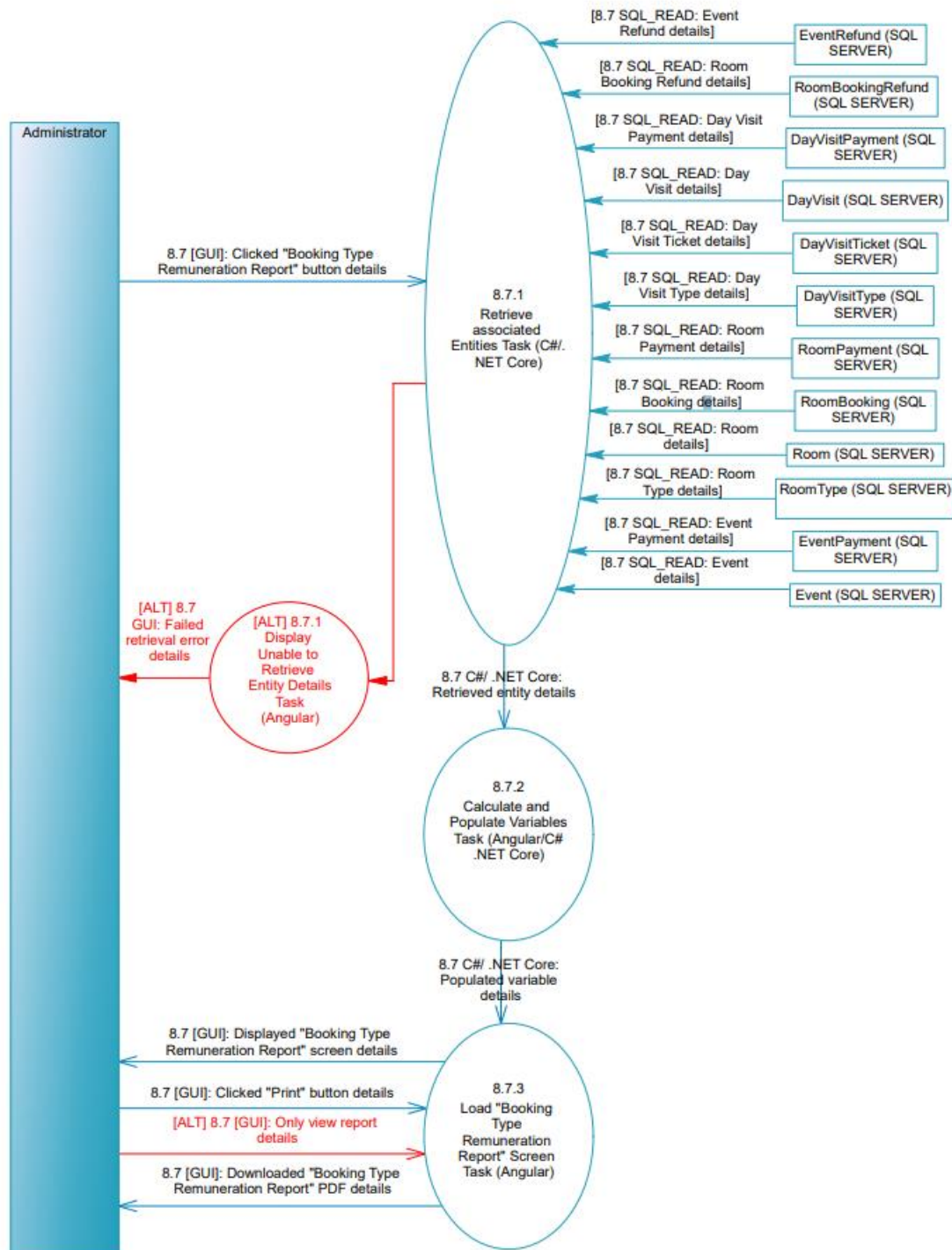


Figure 84: 8.7 Generate Booking Type Remuneration Report Primitive Level Diagram



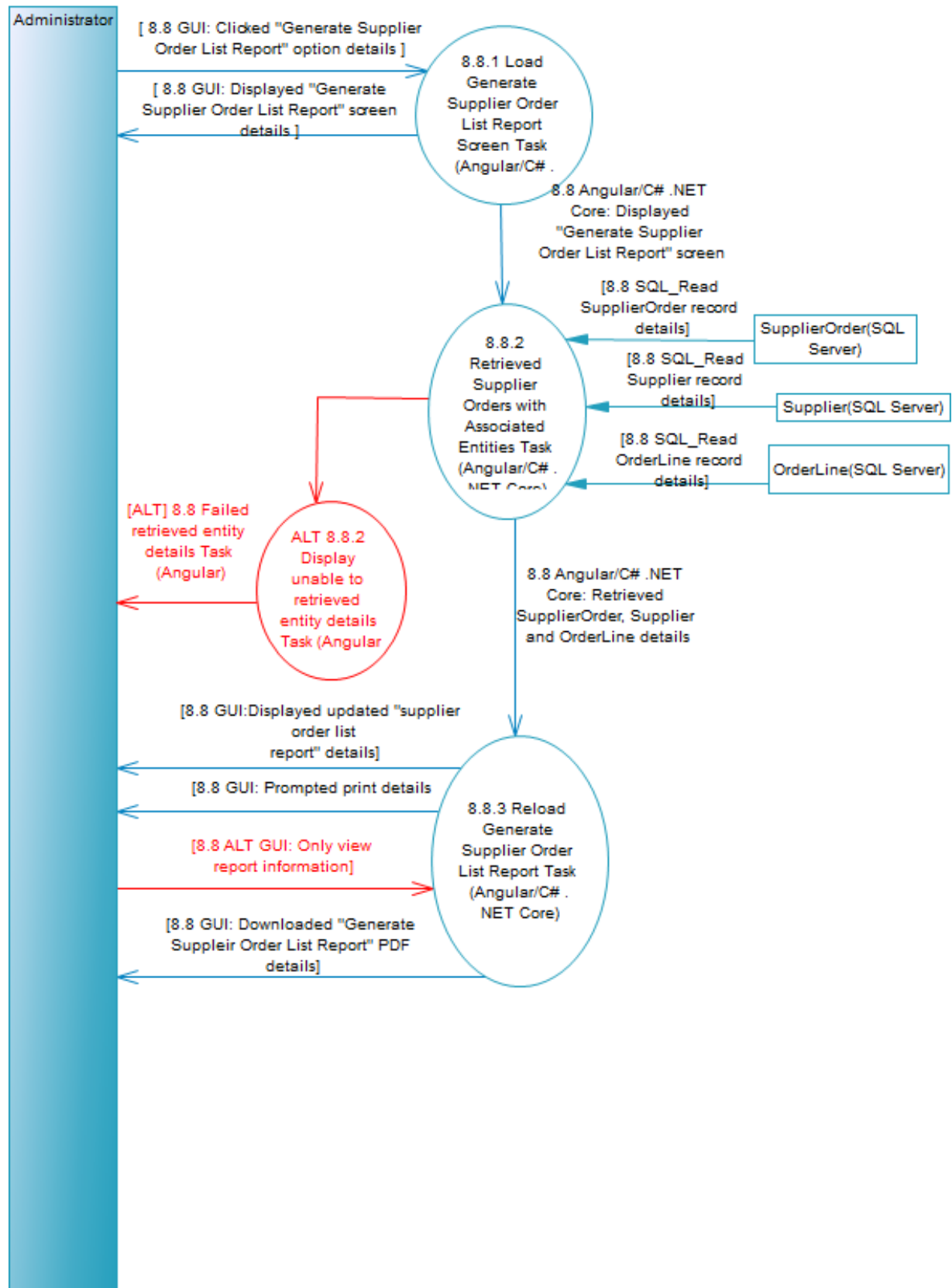


Figure 85:8.8-Generate Supplier Order Report Primitive Level Diagram



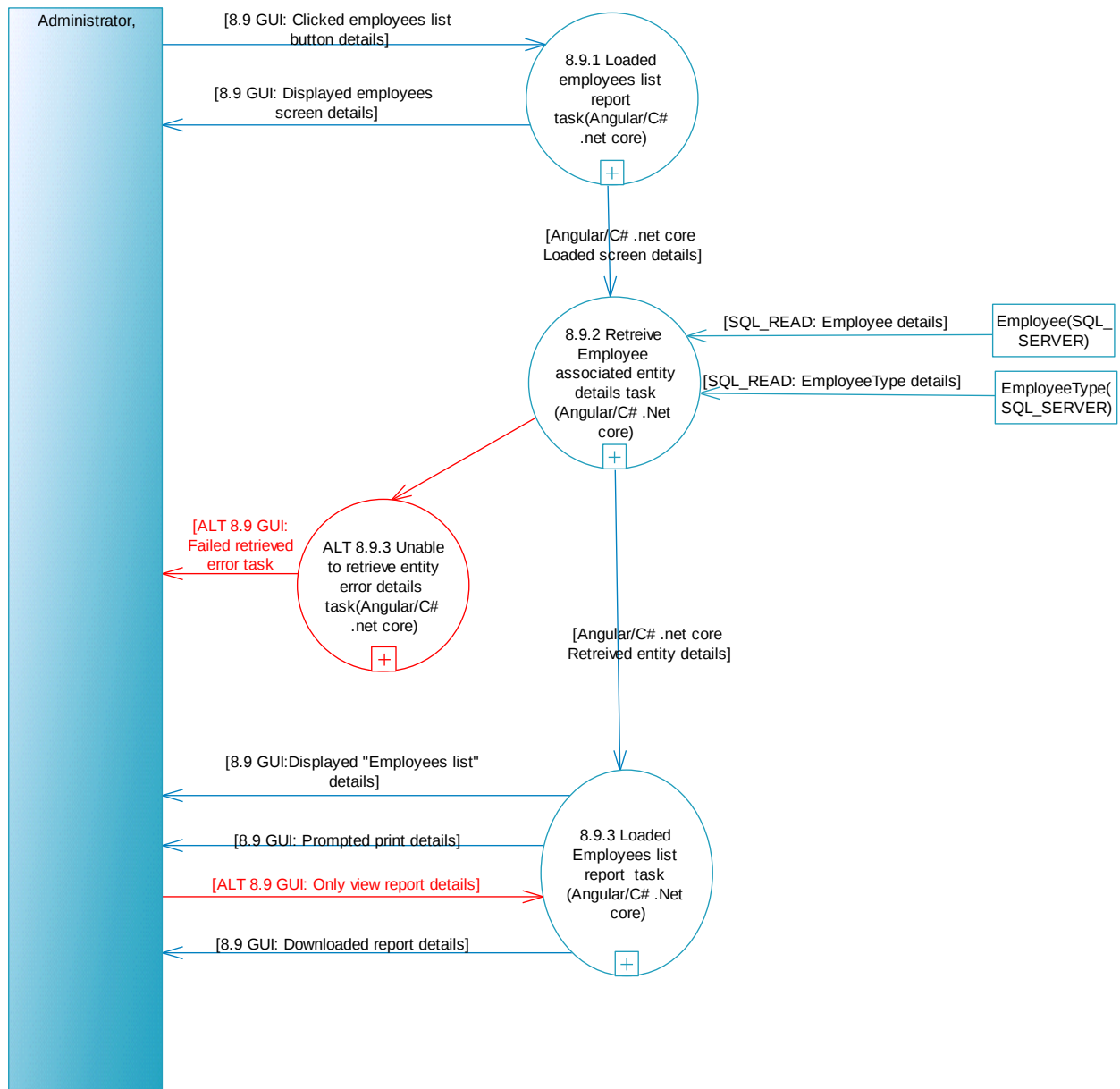


Figure 86:8.9-Generate Employee List Primitive Level Diagram



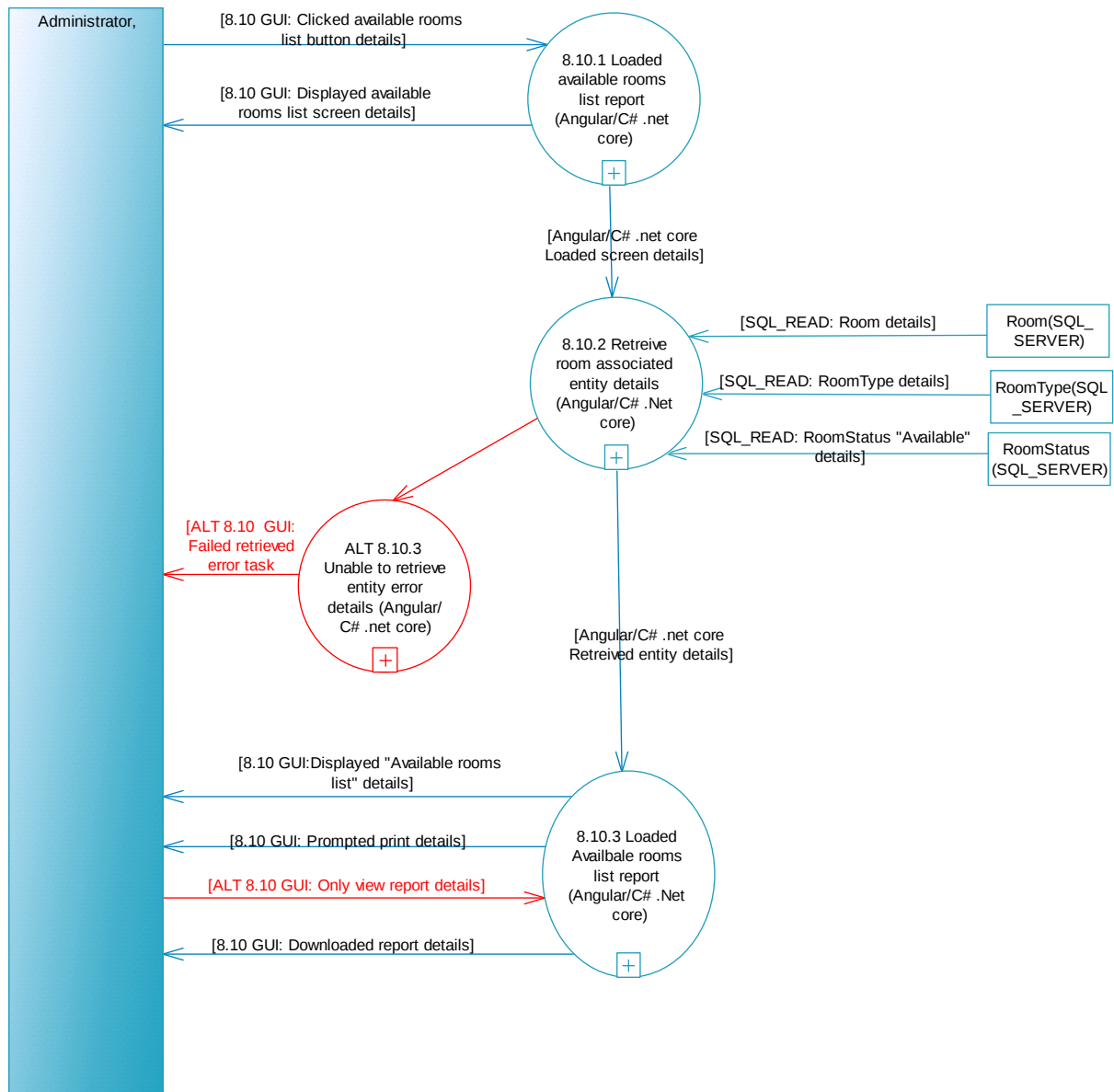


Figure 87:8.10-Generate Available Room List Primitive Level Diagram



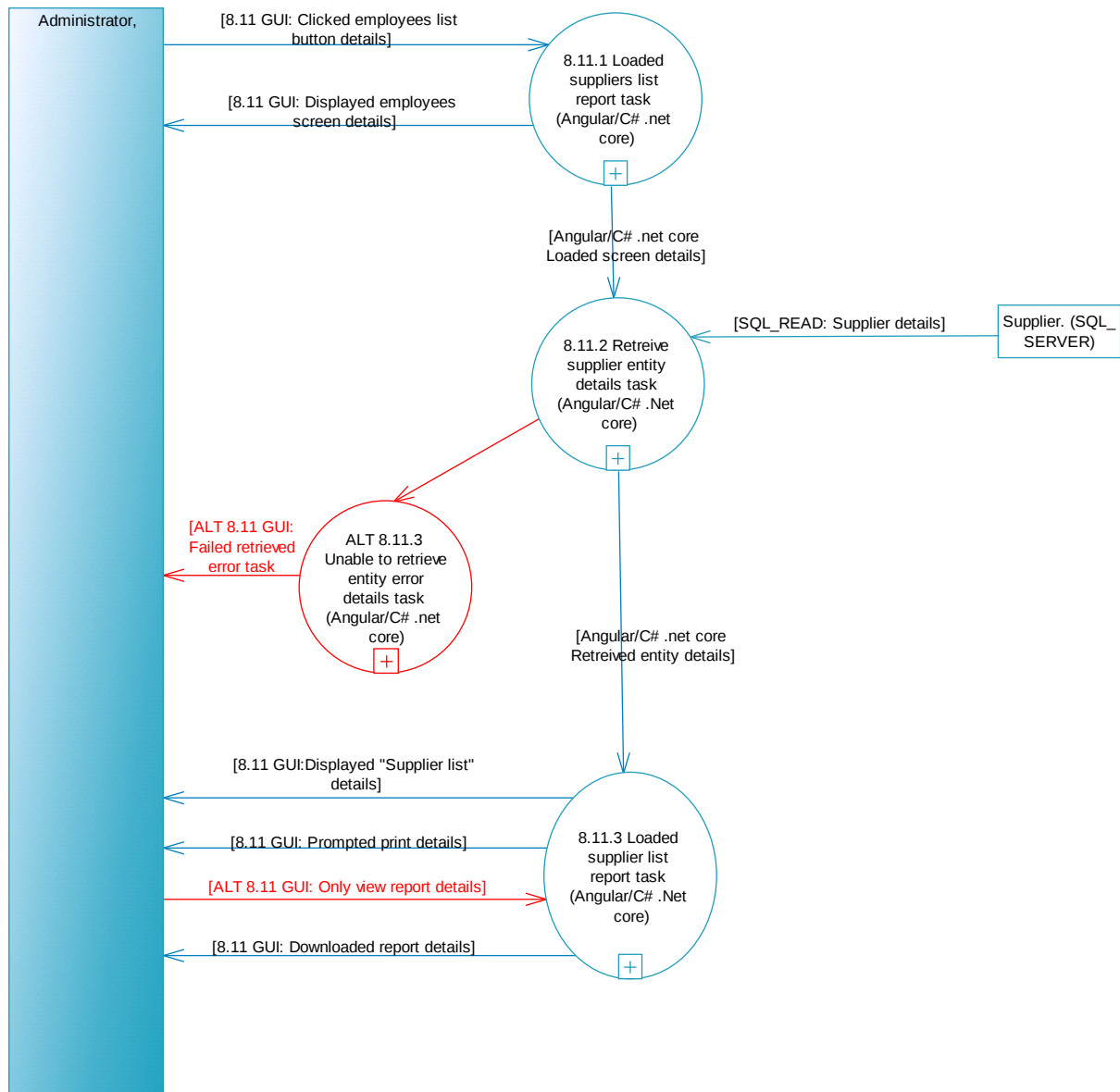


Figure 88:8.11-Generate Supplier List Primitive Level Diagram



4. Document Conclusion

The above section contains the primitive level diagrams for the User, Client, Accommodation, Ticketing, Events, Admin, Inventory, and Reporting Subsystem. This concludes the detailed illustrations for each technical primitive level diagram.



5. Team sign-off

I, Ismaeel Rahaman, confirm that I have read the requirement changes of the Platinum Island Resort and agree to all of the information contained in this document. I confirm that the information stated above is factual and that I am aware of any and all changes made to this document between drafts. Furthermore, I confirm that I have contributed to this document equally as much as my teammates.



.....

Ismaeel Rahaman

I, Nawailah Tarmohamed, confirm that I have read the requirement changes of the Platinum Island Resort and agree to all of the information contained in this document. I confirm that the information stated above is factual and that I am aware of any and all changes made to this document between drafts. Furthermore, I confirm that I have contributed to this document equally as much as my teammates.



.....

Nawailah Tarmohamed

I, Deshlan Pillay, confirm that I have read the requirement changes of the Platinum Island Resort and agree to all of the information contained in this document. I confirm that the information stated above is factual and that I am aware of any and all changes made to this document between drafts. Furthermore, I confirm that I have contributed to this document equally as much as my teammates.



.....

Deshlan Pillay



I, Sameer Ghela, confirm that I have read the requirement changes of the Platinum Island Resort and agree to all of the information contained in this document. I confirm that the information stated above is factual and that I am aware of any and all changes made to this document between drafts. Furthermore, I confirm that I have contributed to this document equally as much as my teammates.

A handwritten signature in black ink, appearing to read "S. Ghela".

.....
Sameer Ghela

I, Sashin Gounden, confirm that I have read the requirement changes of the Platinum Island Resort and agree to all of the information contained in this document. I confirm that the information stated above is factual and that I am aware of any and all changes made to this document between drafts. Furthermore, I confirm that I have contributed to this document equally as much as my teammates.

A handwritten signature in black ink, appearing to read "S. Gounden".

.....
Sashin Gounden



6. Client sign-off

I Ya'qoob Tayob, on behalf of the Platinum Island resort, acknowledge that I have received and reviewed the work and confirm that it is up to quality standards.



Signature

