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Team 7: Omnia

Project: Water Resort
administration system

System Name:
Hydrotech

Iteration 7 – Activity Diagram

This document depicts activity diagrams which are displayed to show the flow of work for events contained in the activity. This includes the start point, decision paths and finish points. They illustrate the business workflow independent of classes, the flow of activities in the use case, or details design of a method.



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1. Document Introduction

This section contains all the activity diagrams for all the use cases which illustrates the workflow of activities from a start point to an end point, detailing the paths that exist in between.



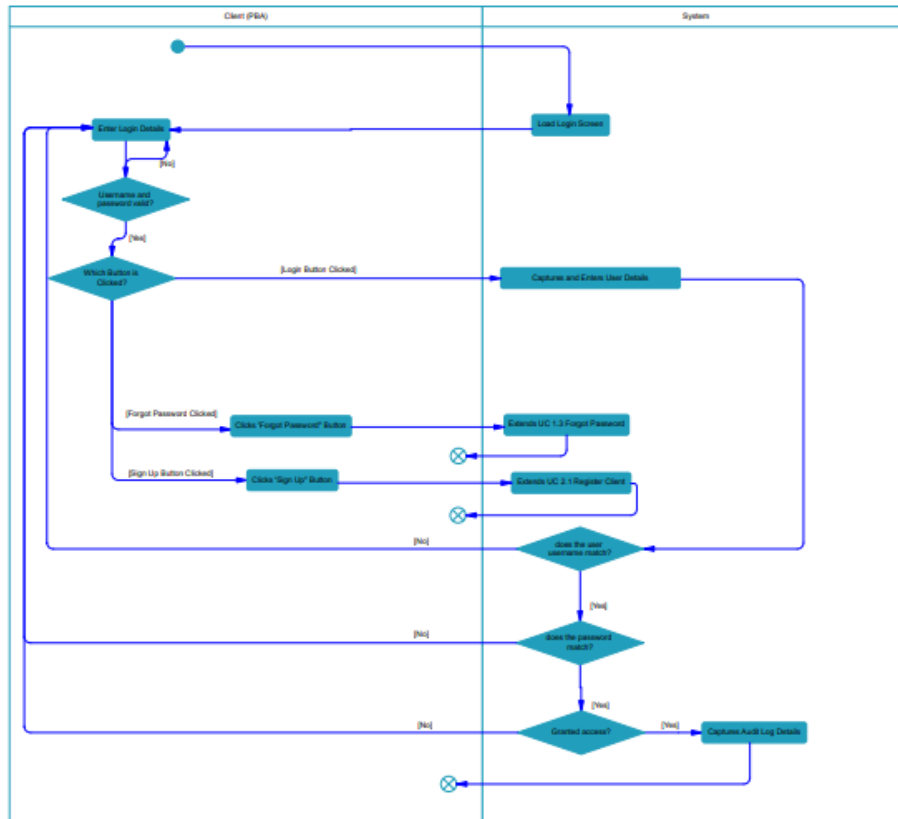


Figure 2: 1.2 Logout Activity Diagram



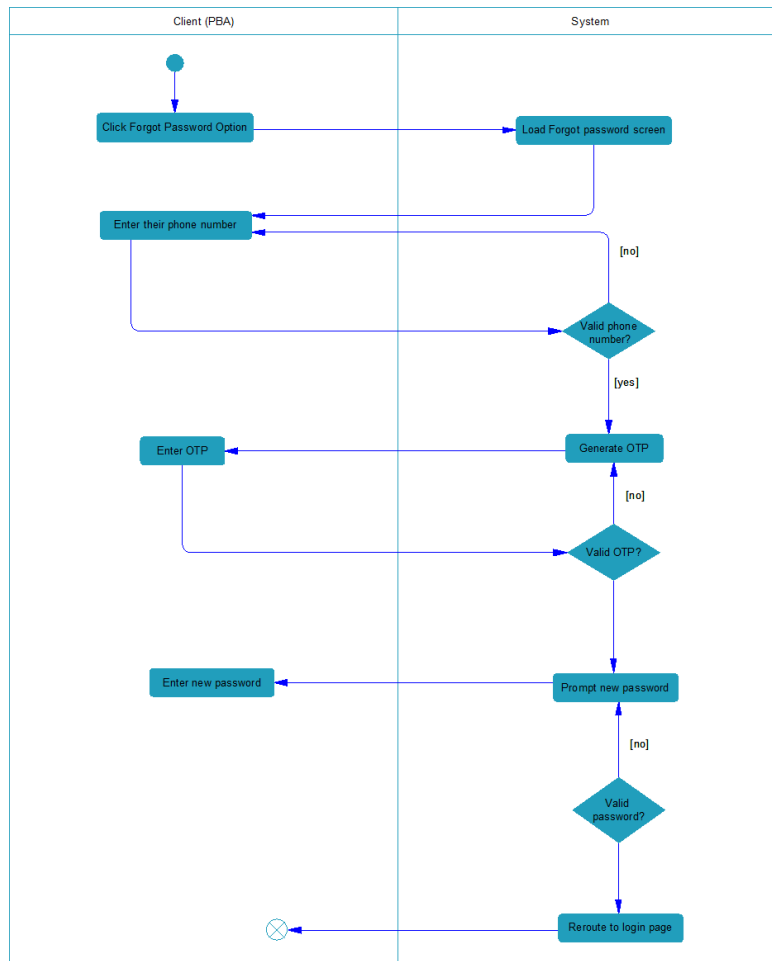


Figure 3: 1.3 Forgot Password Activity Diagram



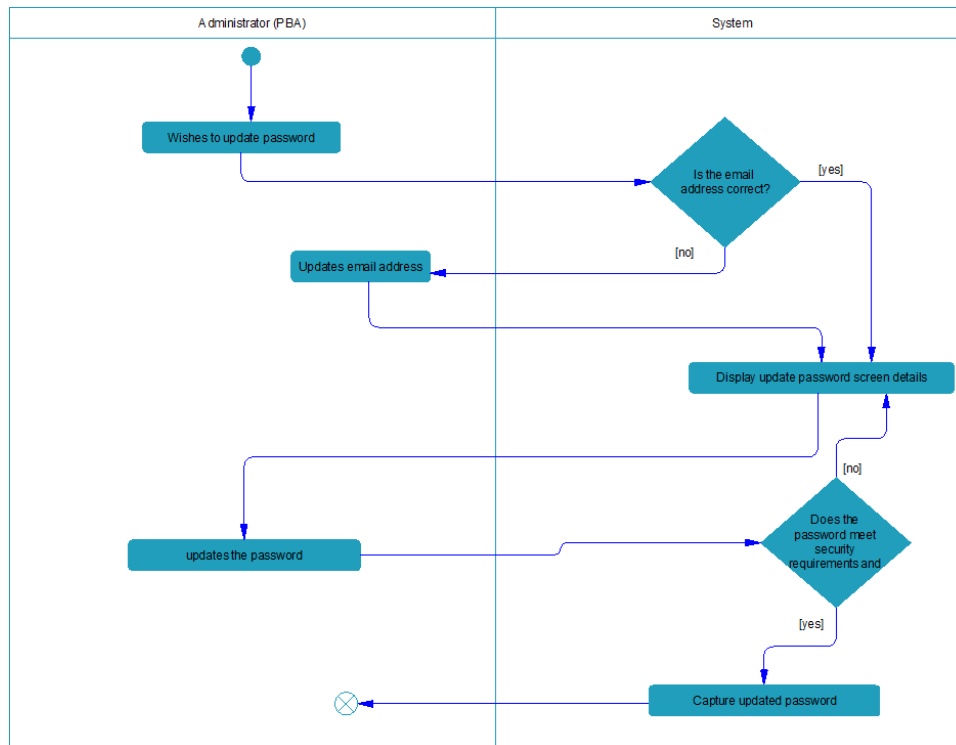


Figure 4: 1.4 Update Password Activity Diagram

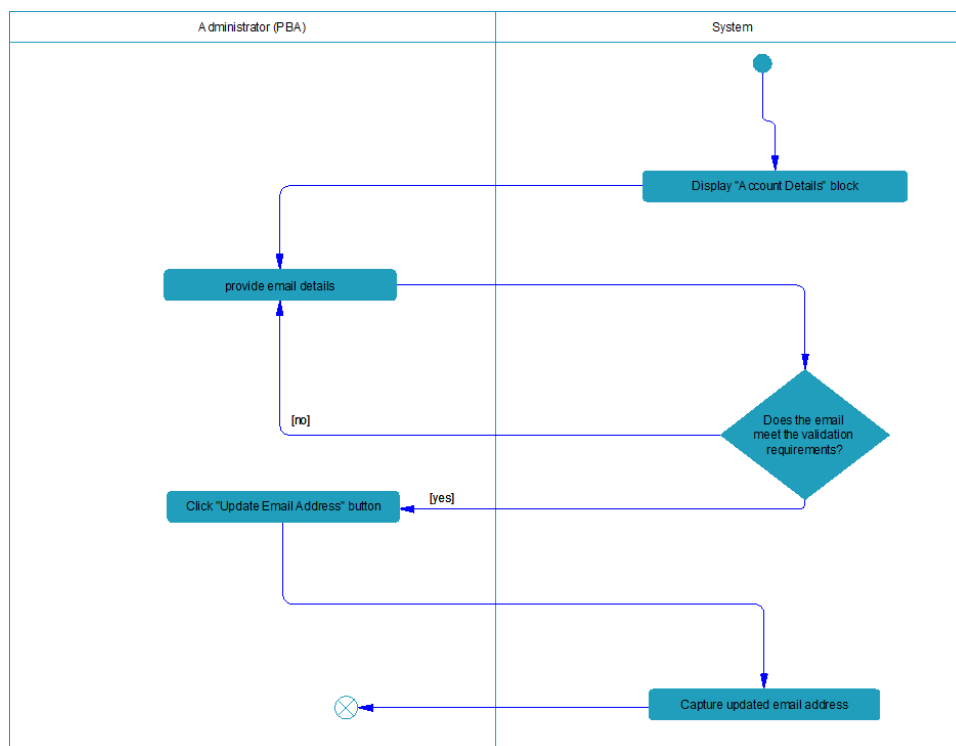


Figure 5: 1.5 Update Email Address Activity Diagram



2.2. Subsystem 2 – Client

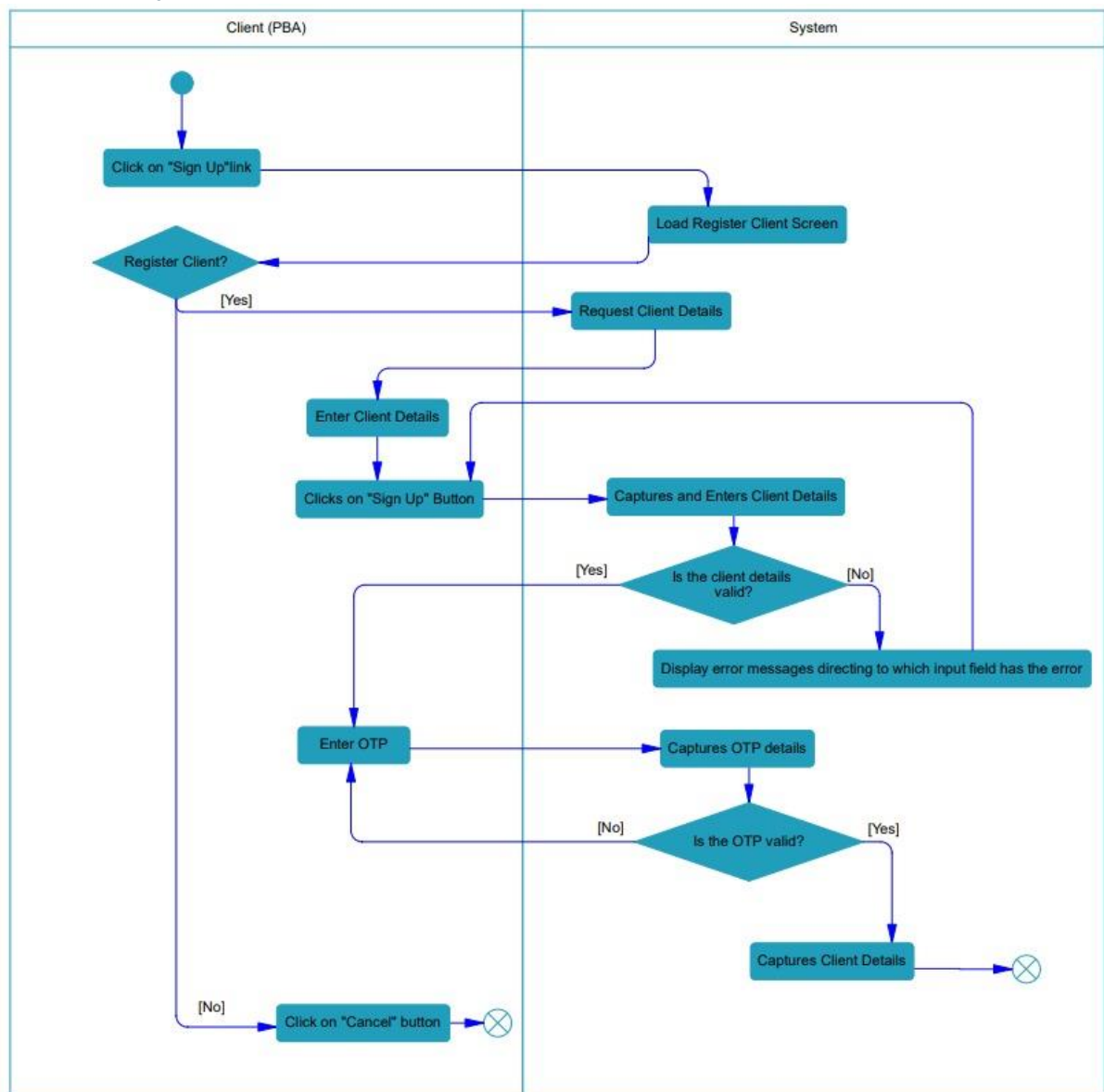


Figure 6: 2.1 Register Client Activity Diagram



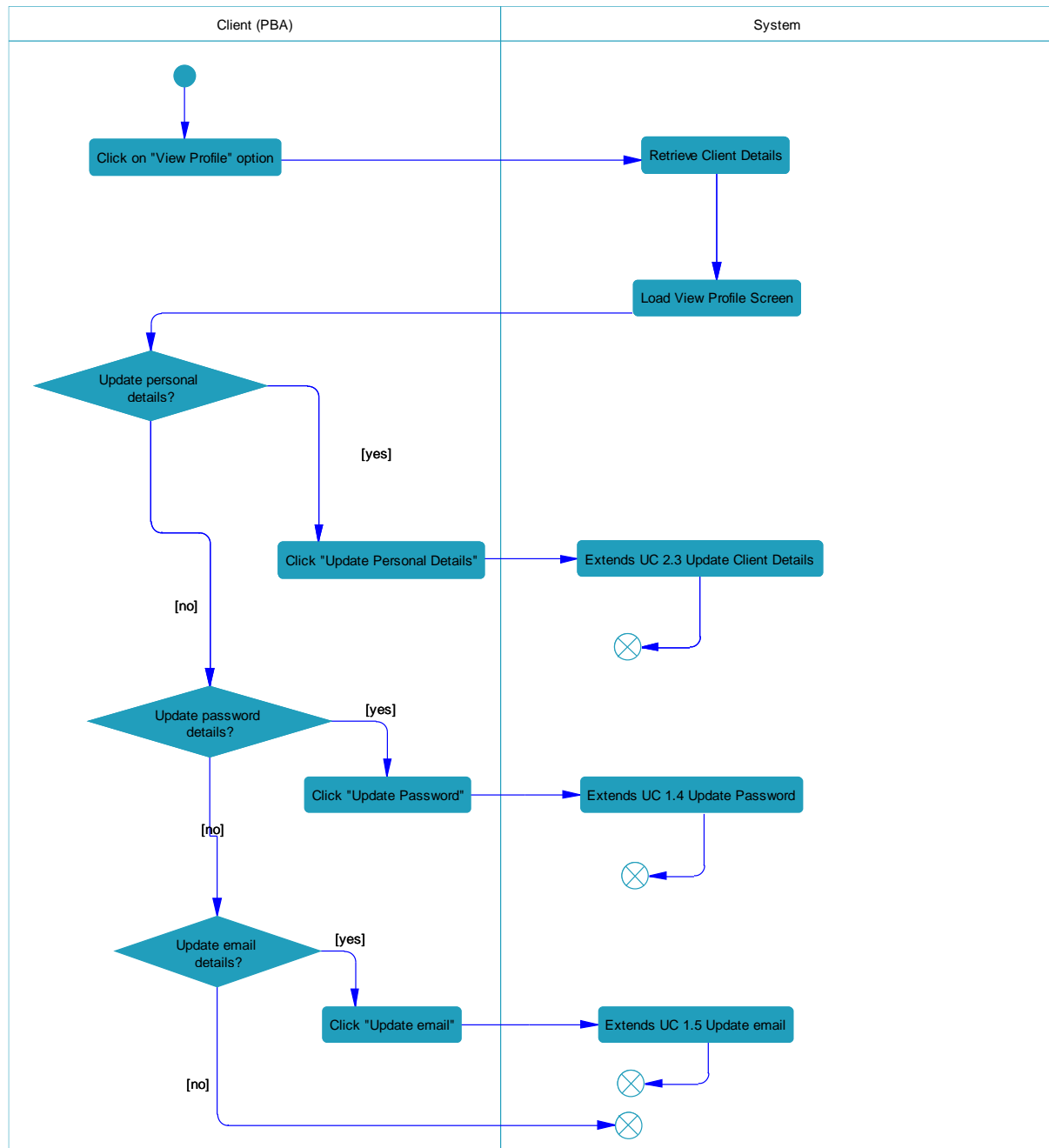


Figure 7: 2.2 View Profile Activity Diagram



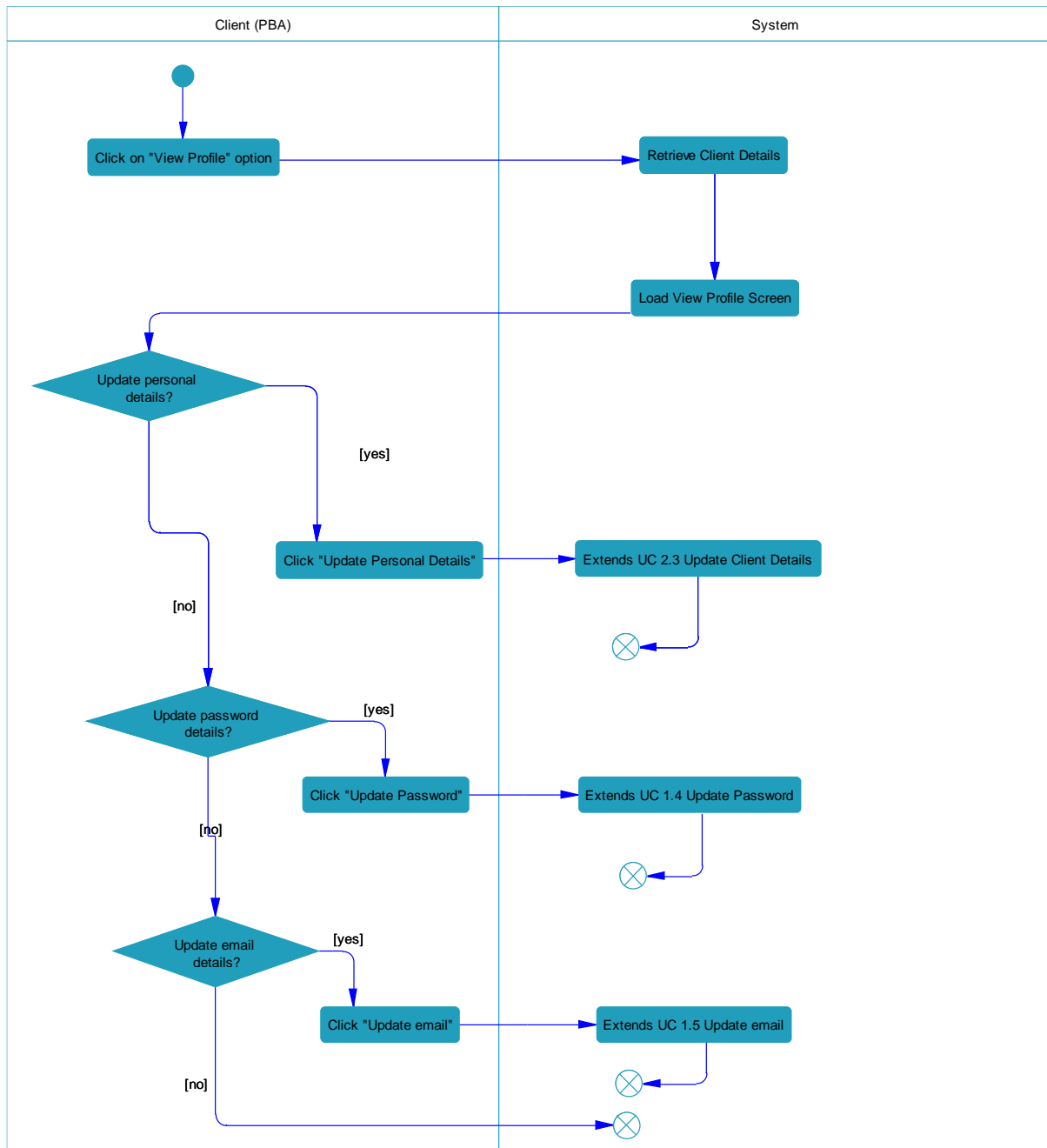


Figure 8: 2.3 Update Client Details



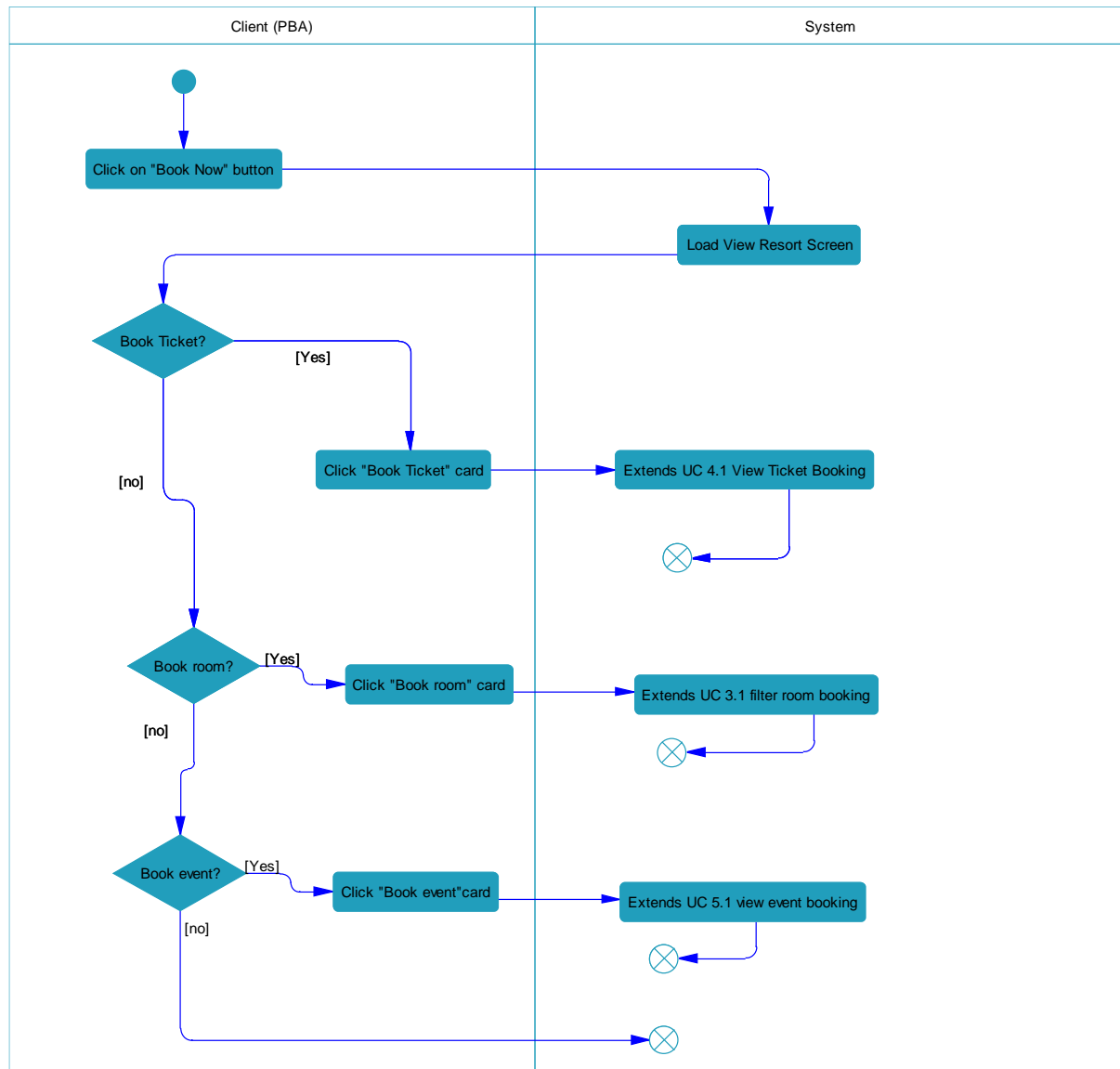


Figure 9: 2.4 View Resort Activity Diagram



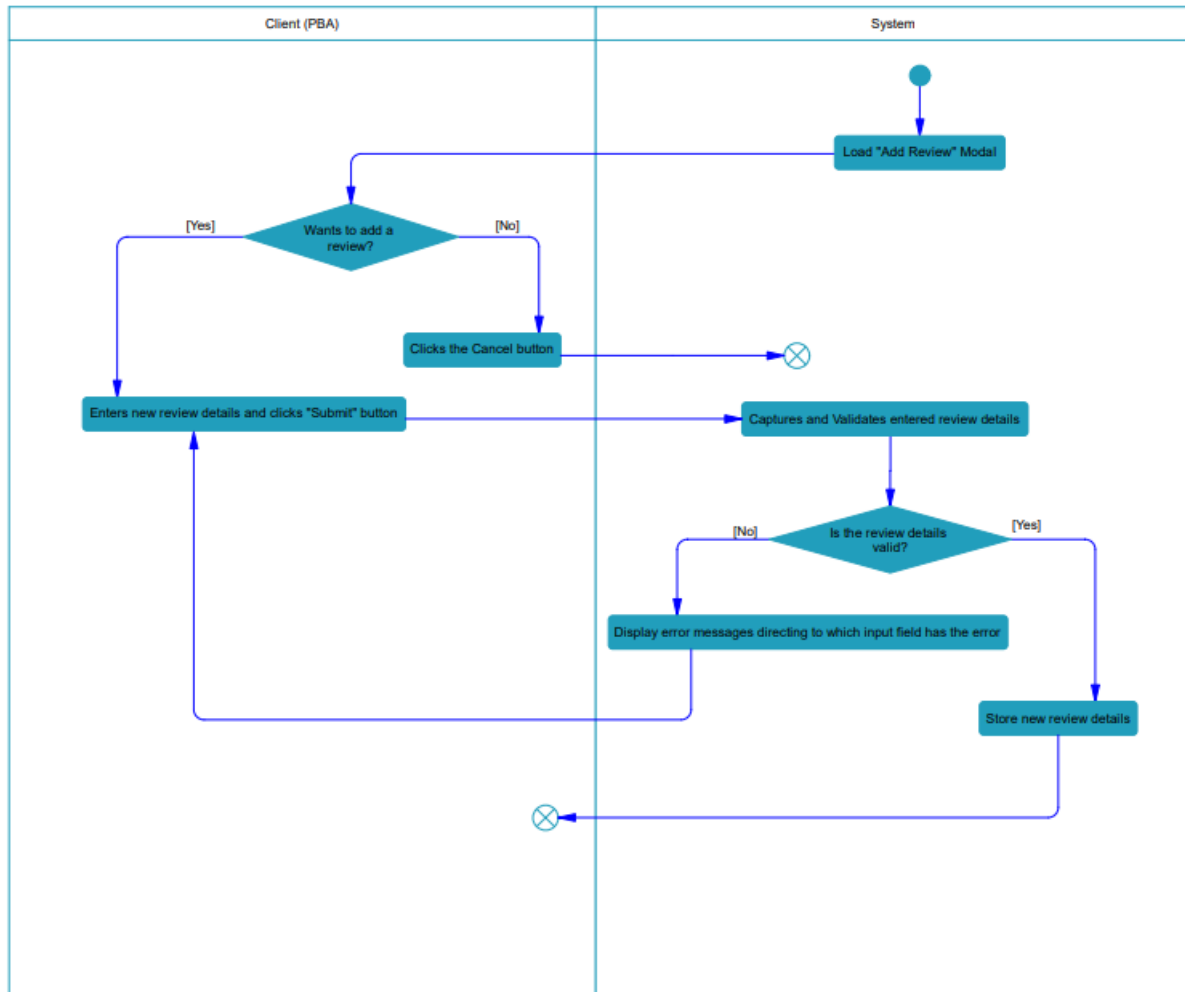


Figure 10: 2.5 Add Review Activity Diagram



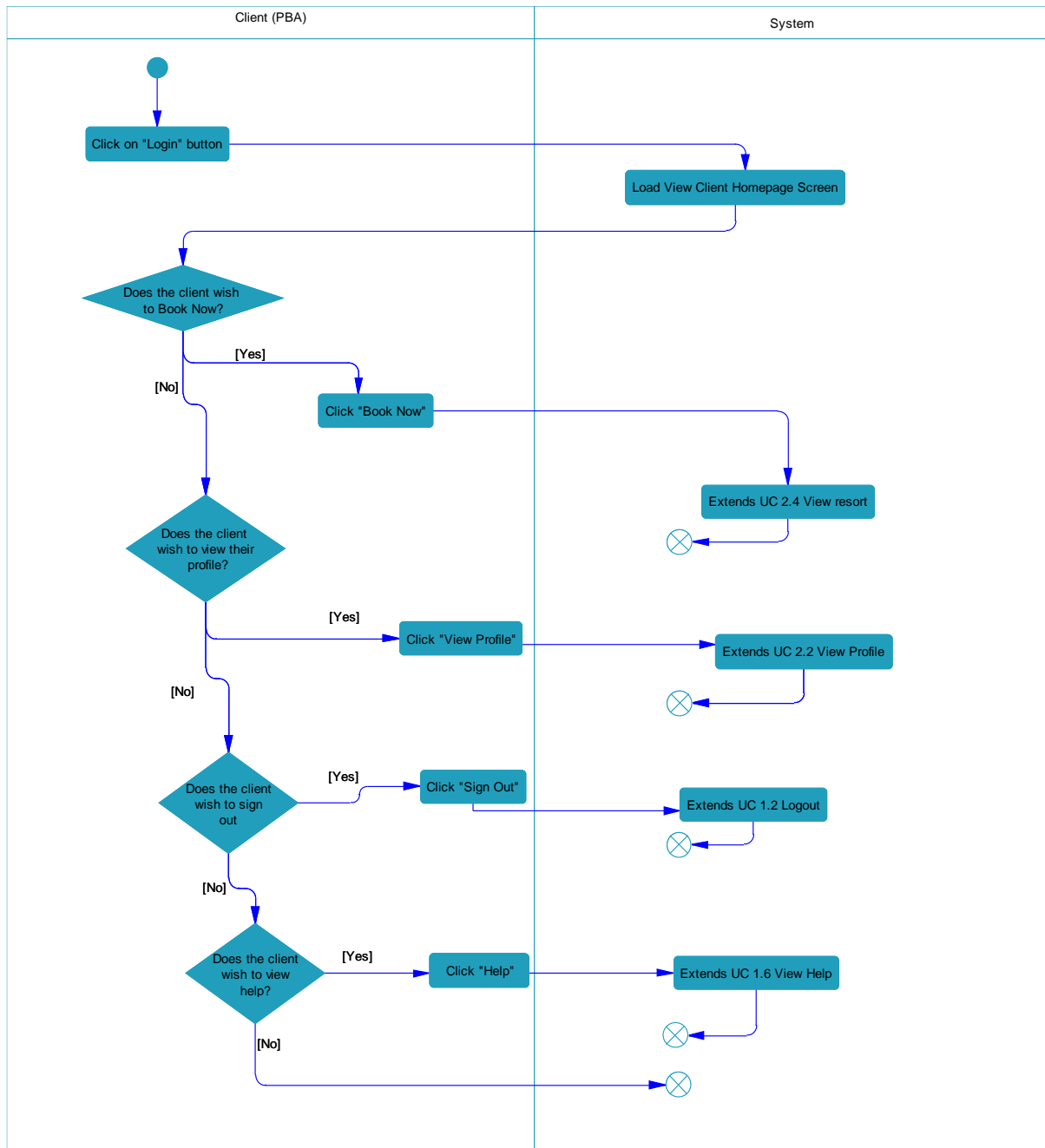


Figure 11: 2.6 View Client Homepage Activity Diagram



2.3. Subsystem 3 – Accommodation

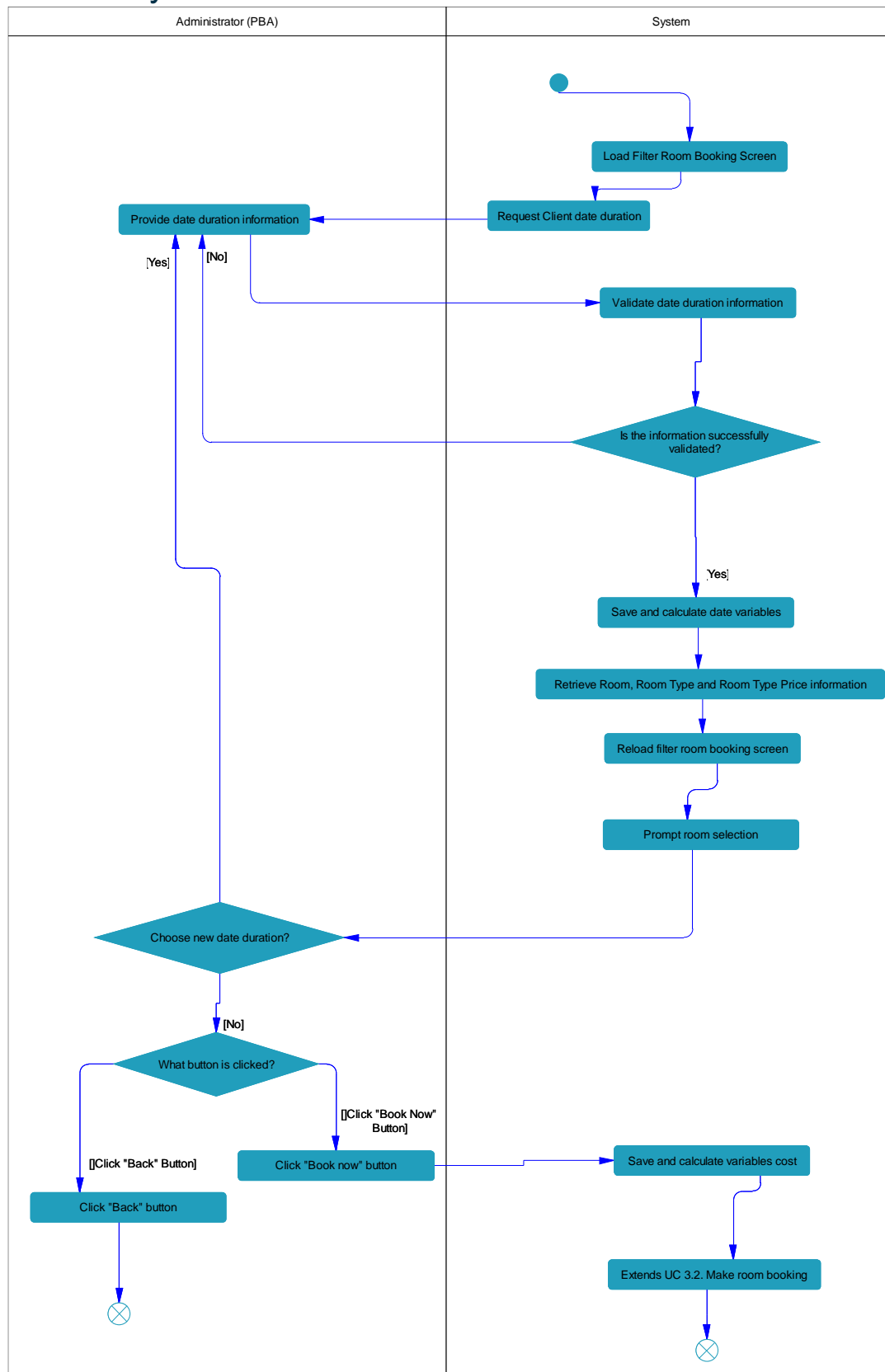


Figure 12: 3.1 Filter Room Booking Activity Diagram



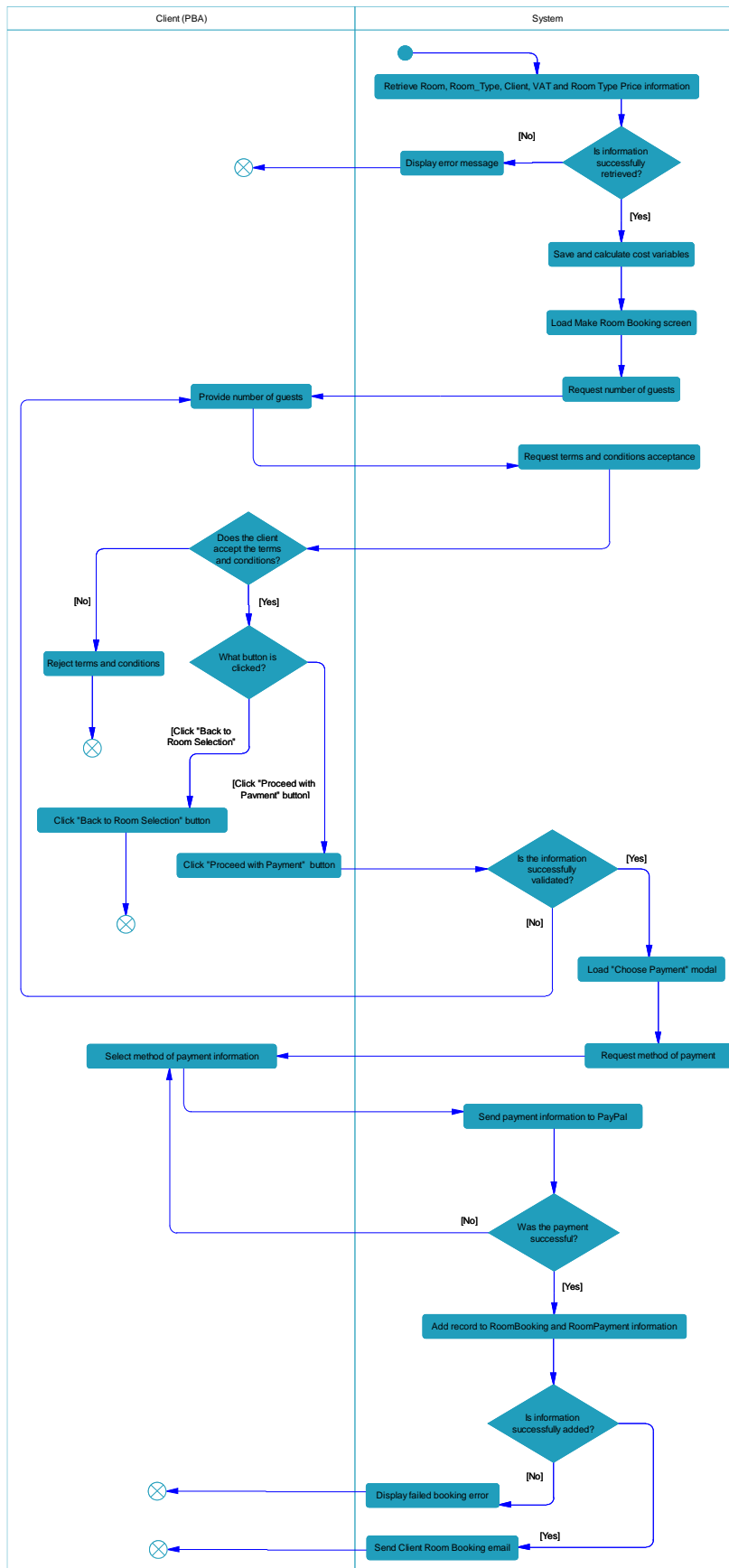


Figure 13: 3.2 Make Room Booking Activity Diagram



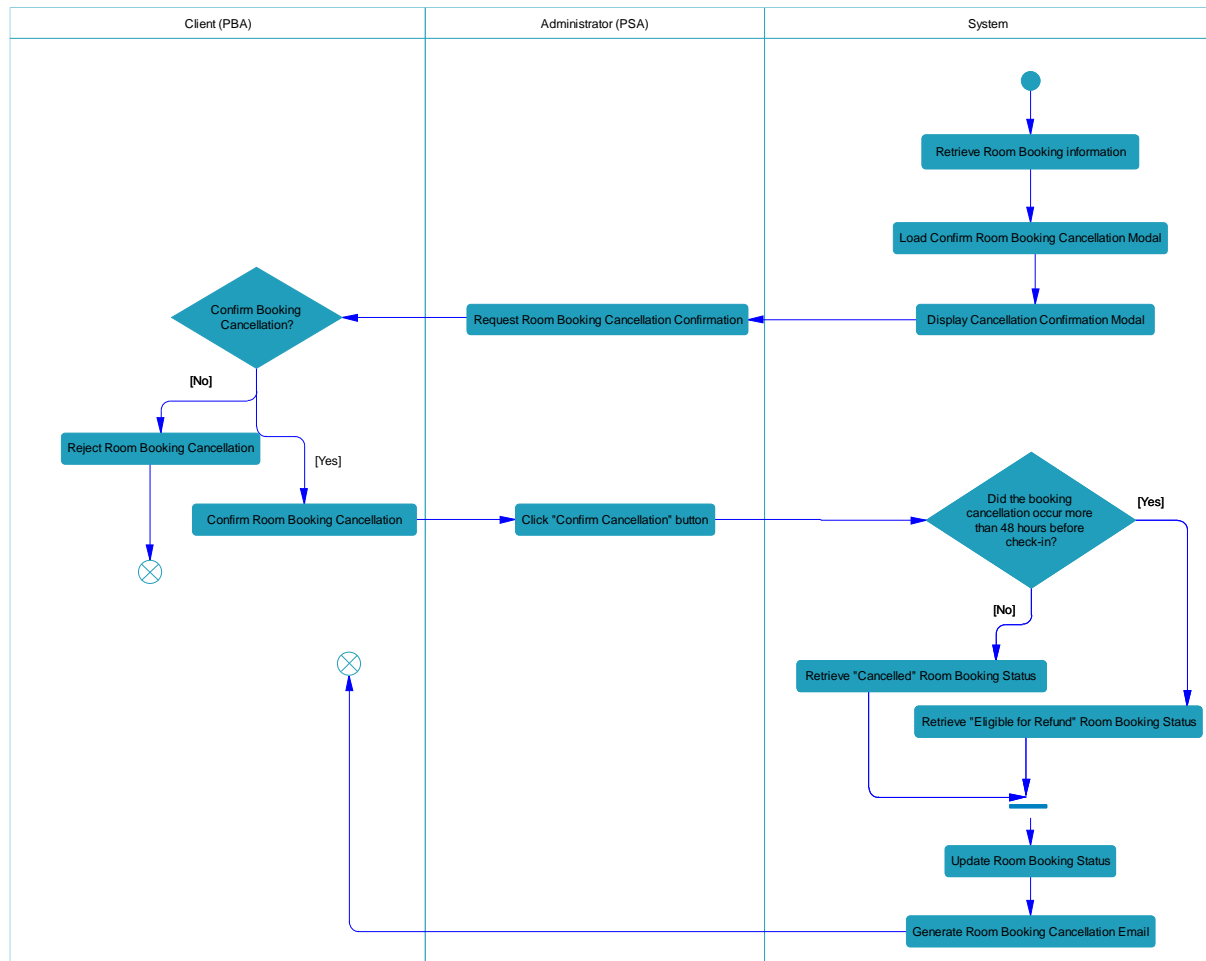


Figure 14: 3.3 Cancel Room Booking Activity Diagram

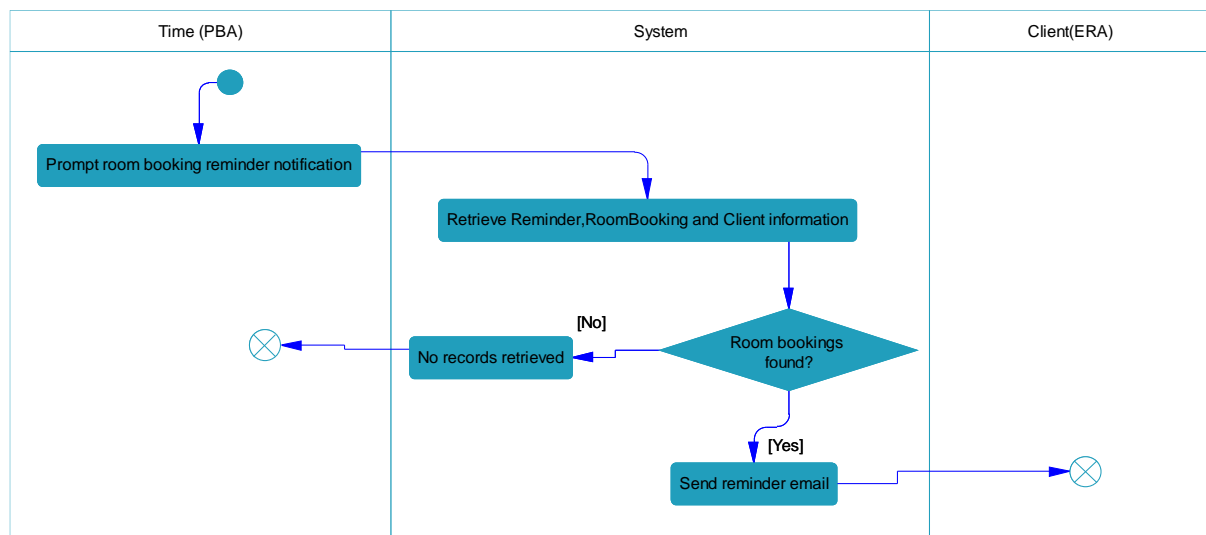


Figure 15: 3.4 Send Accommodation Booking Reminder Activity Diagram



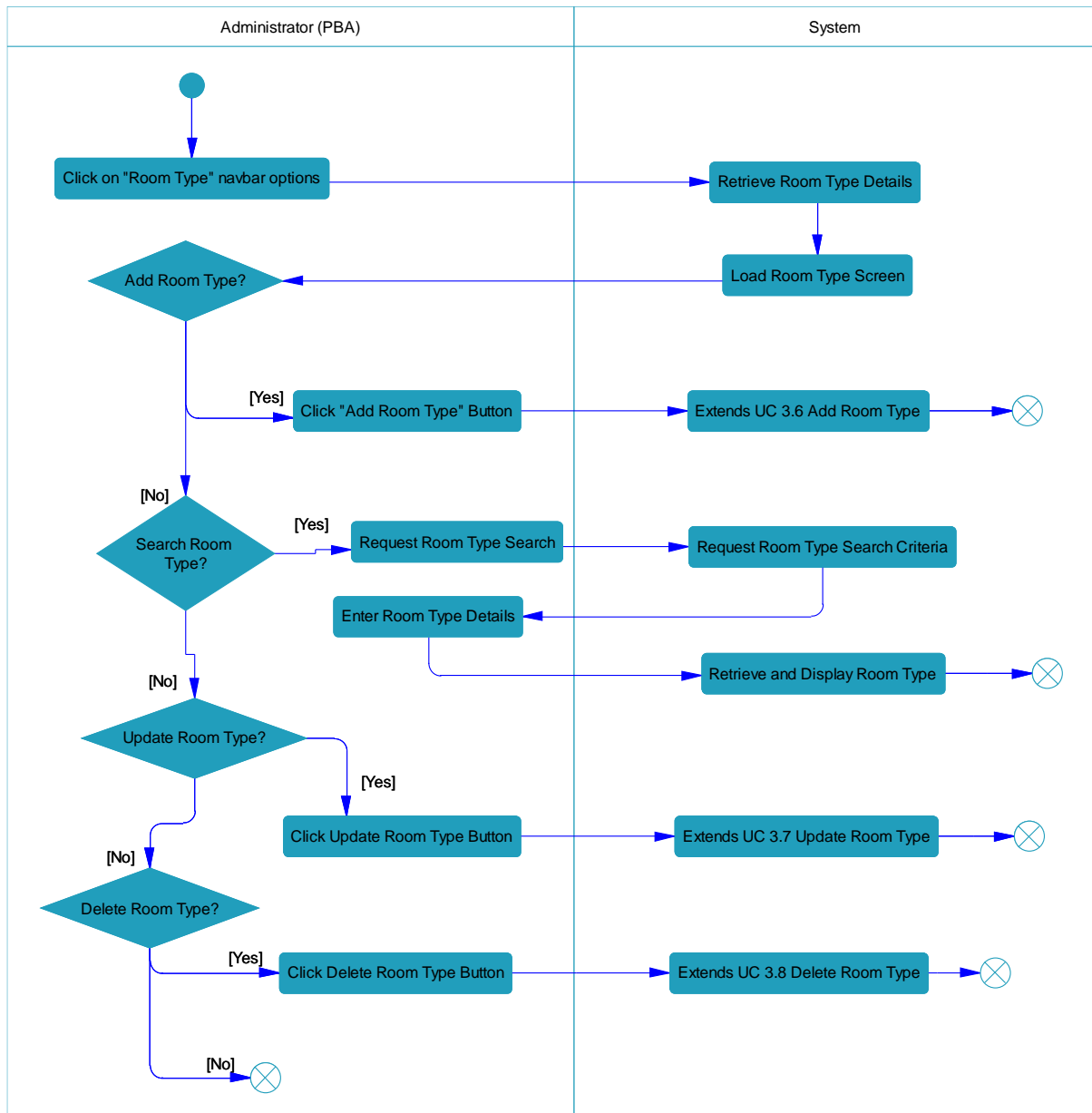


Figure 16: 3.5 View Room Type Activity Diagram



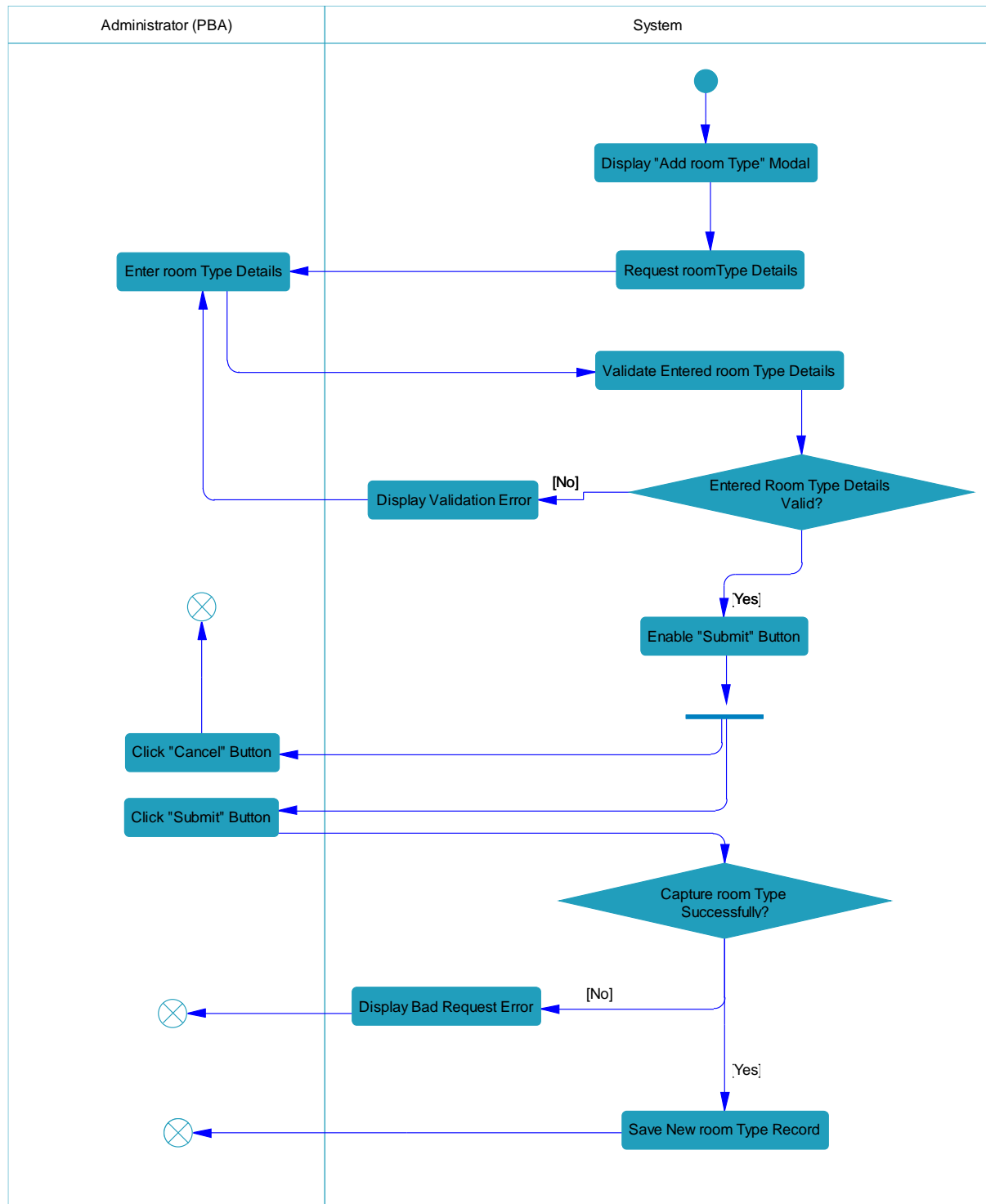


Figure 17: 3.6 Add Room Type Activity Diagram



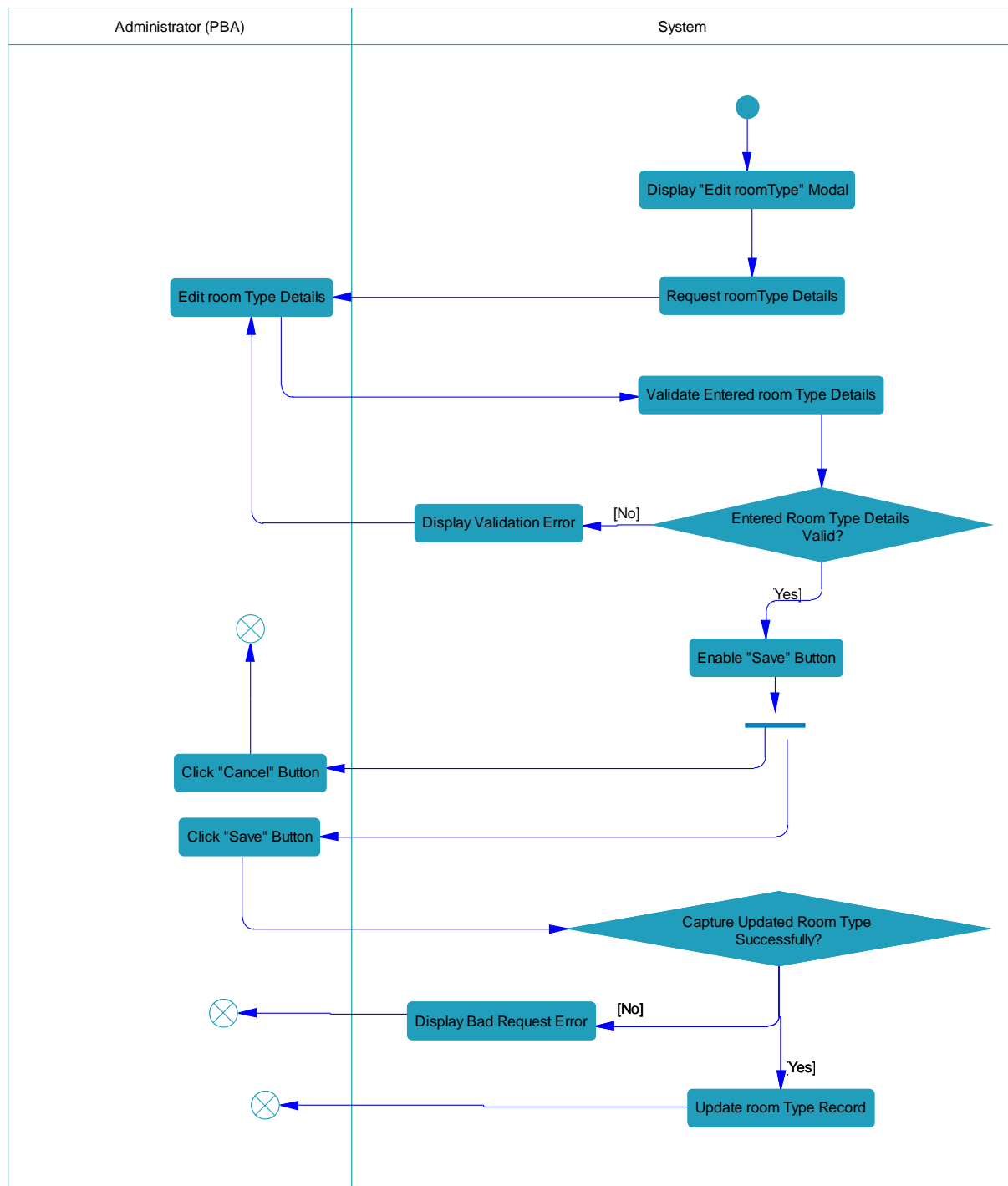


Figure 18: 3.7 Update Room Type Activity Diagram



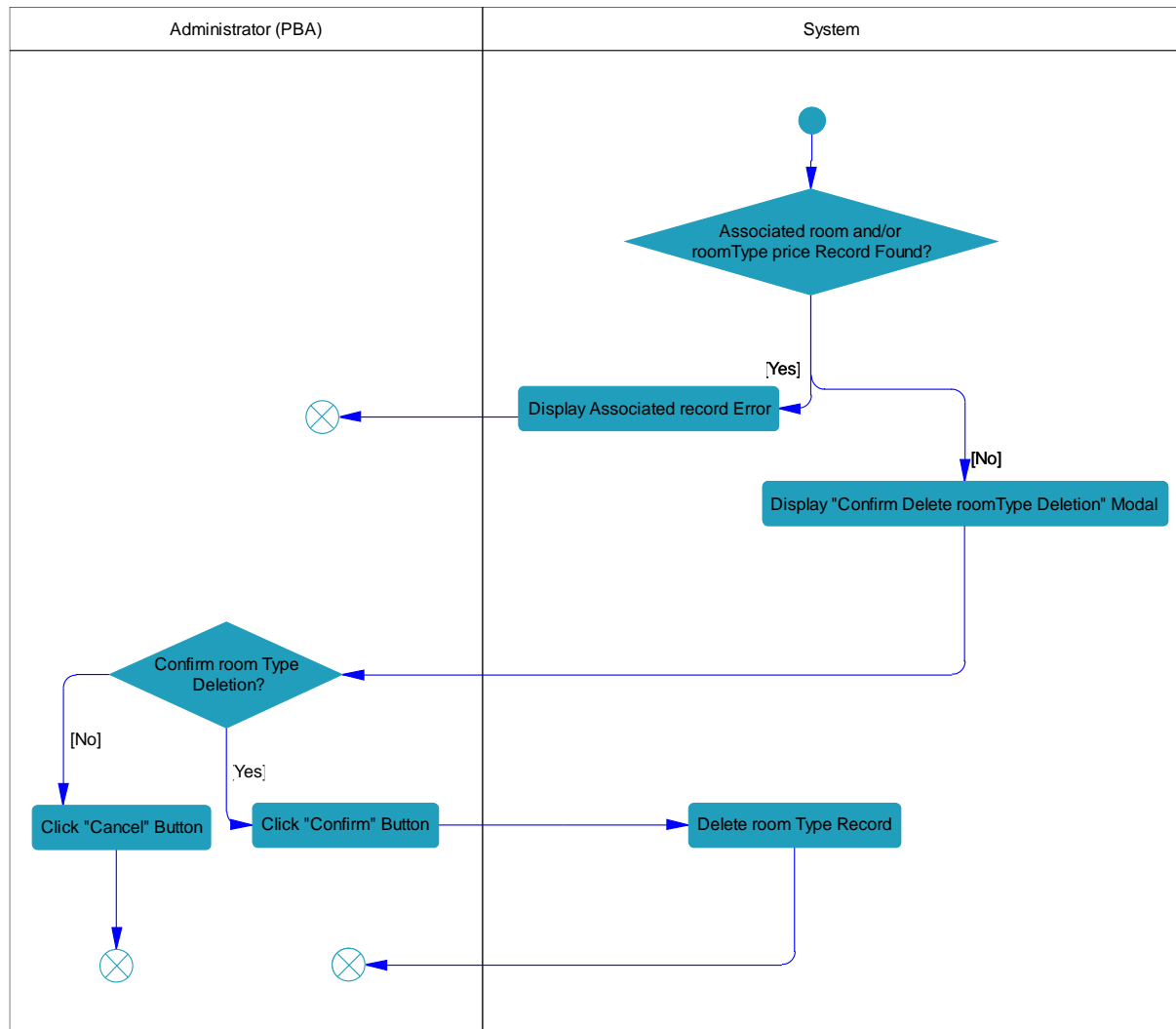


Figure 19: 8.8 Delete Room Type Activity Diagram



2.4. Subsystem 4 - Ticketing

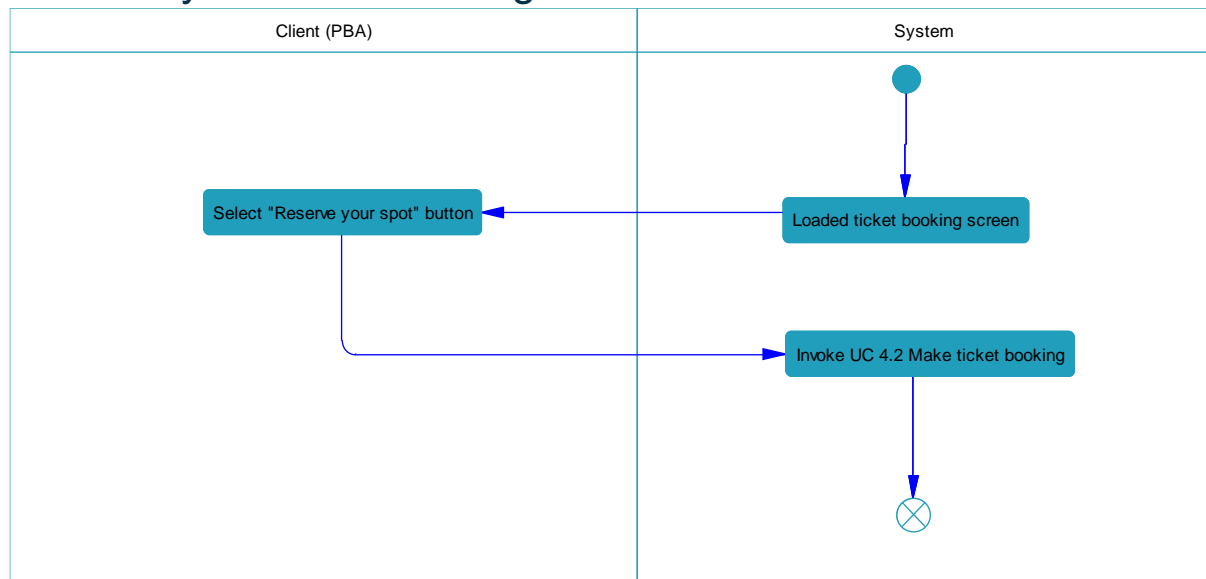


Figure 20: 4.1 View Ticket Booking Activity Diagram



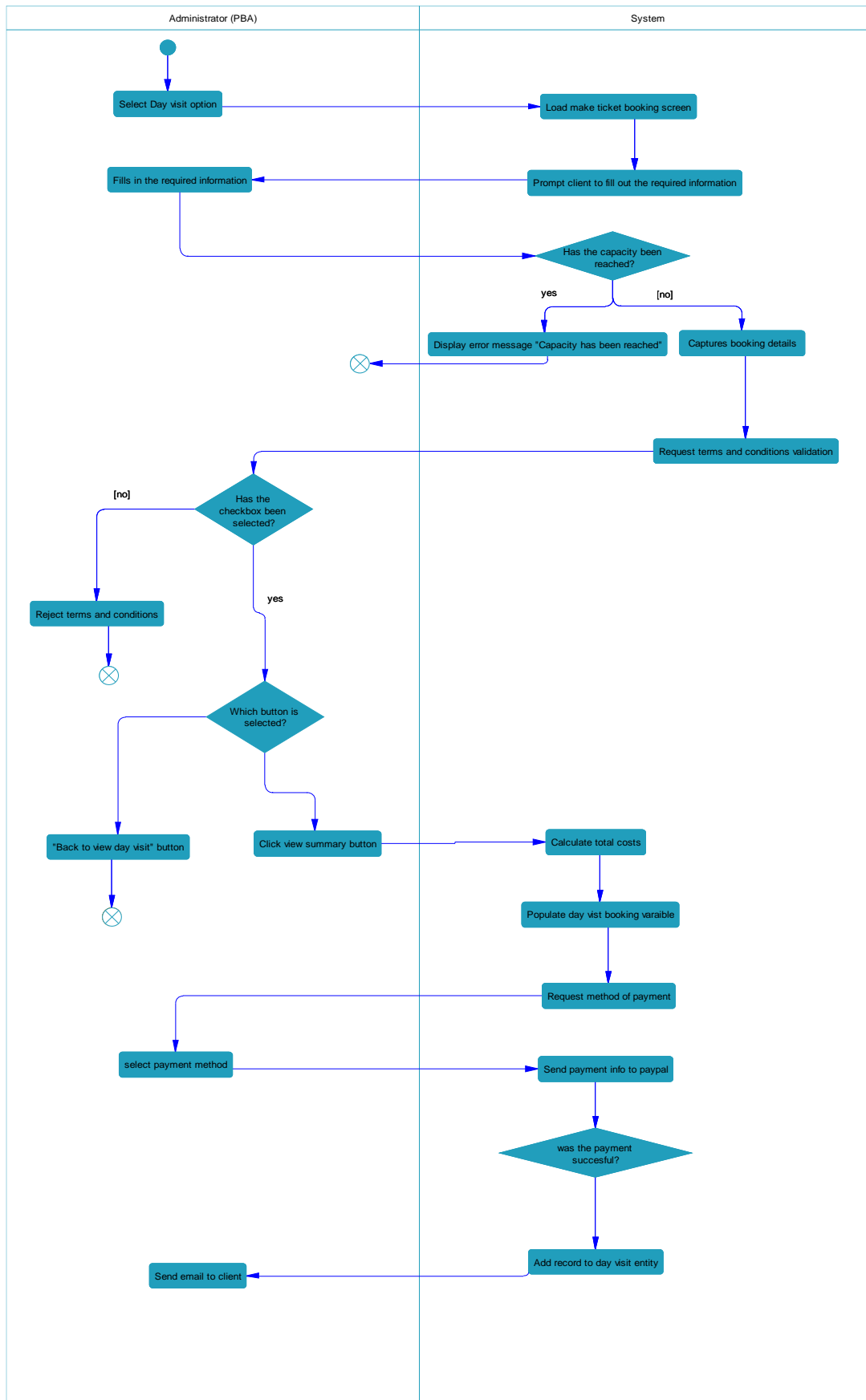


Figure 21: 4.2 Make Ticket Booking Activity Diagram



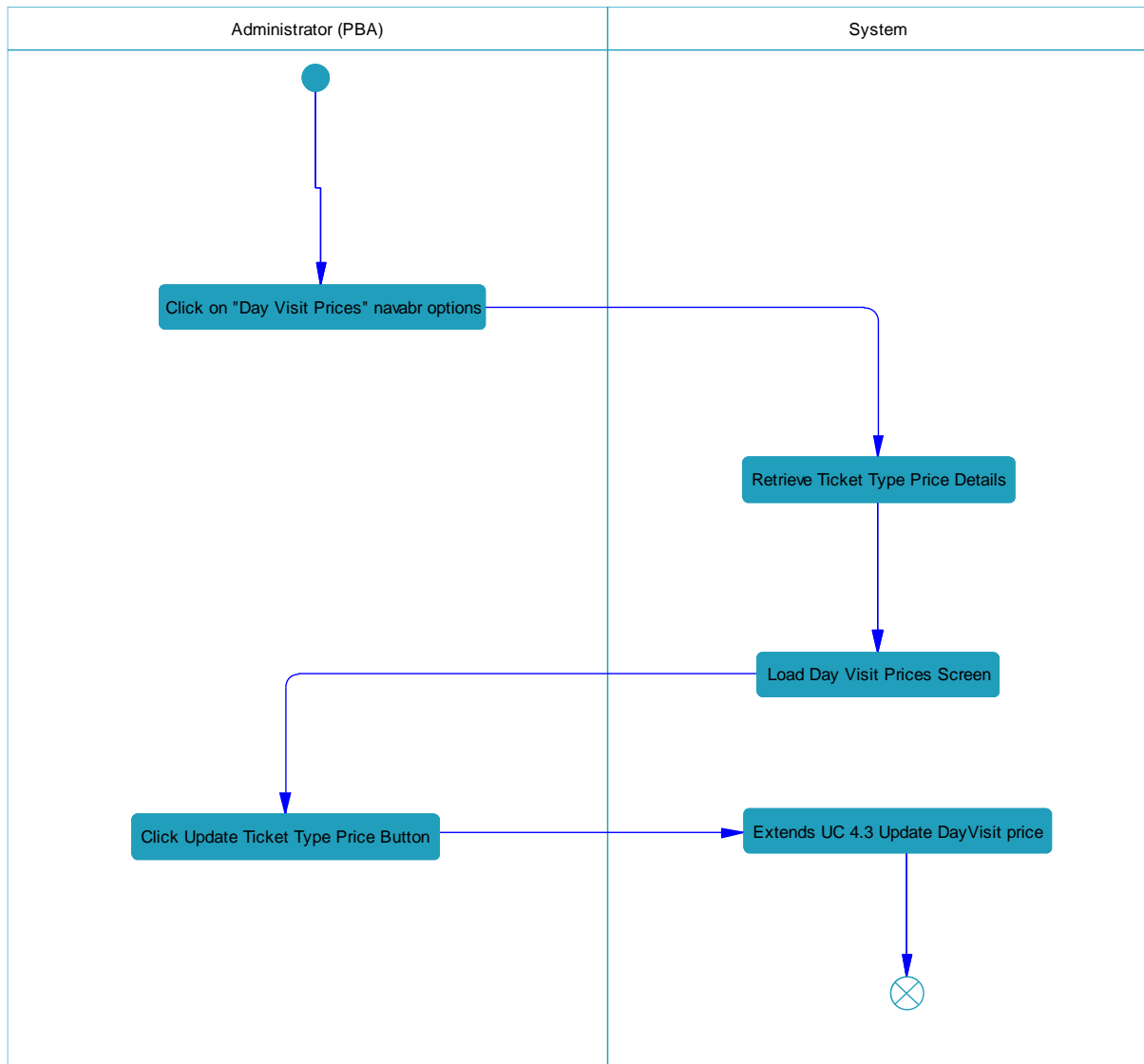


Figure 22: 4.3 View Ticket Prices Activity Diagram



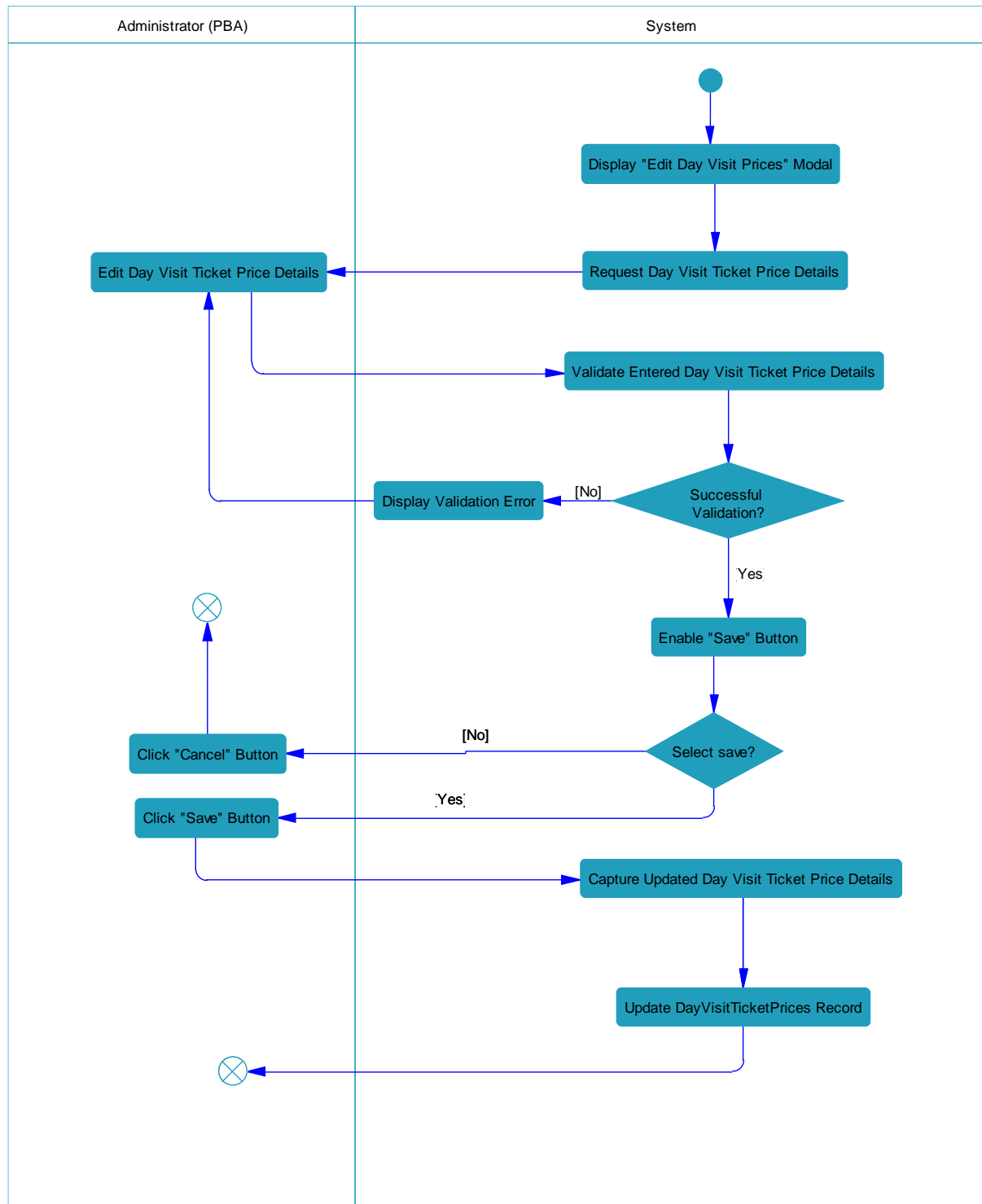


Figure 23: 4.4 Update Ticket Price Activity Diagram



2.5. Subsystem 5 – Events

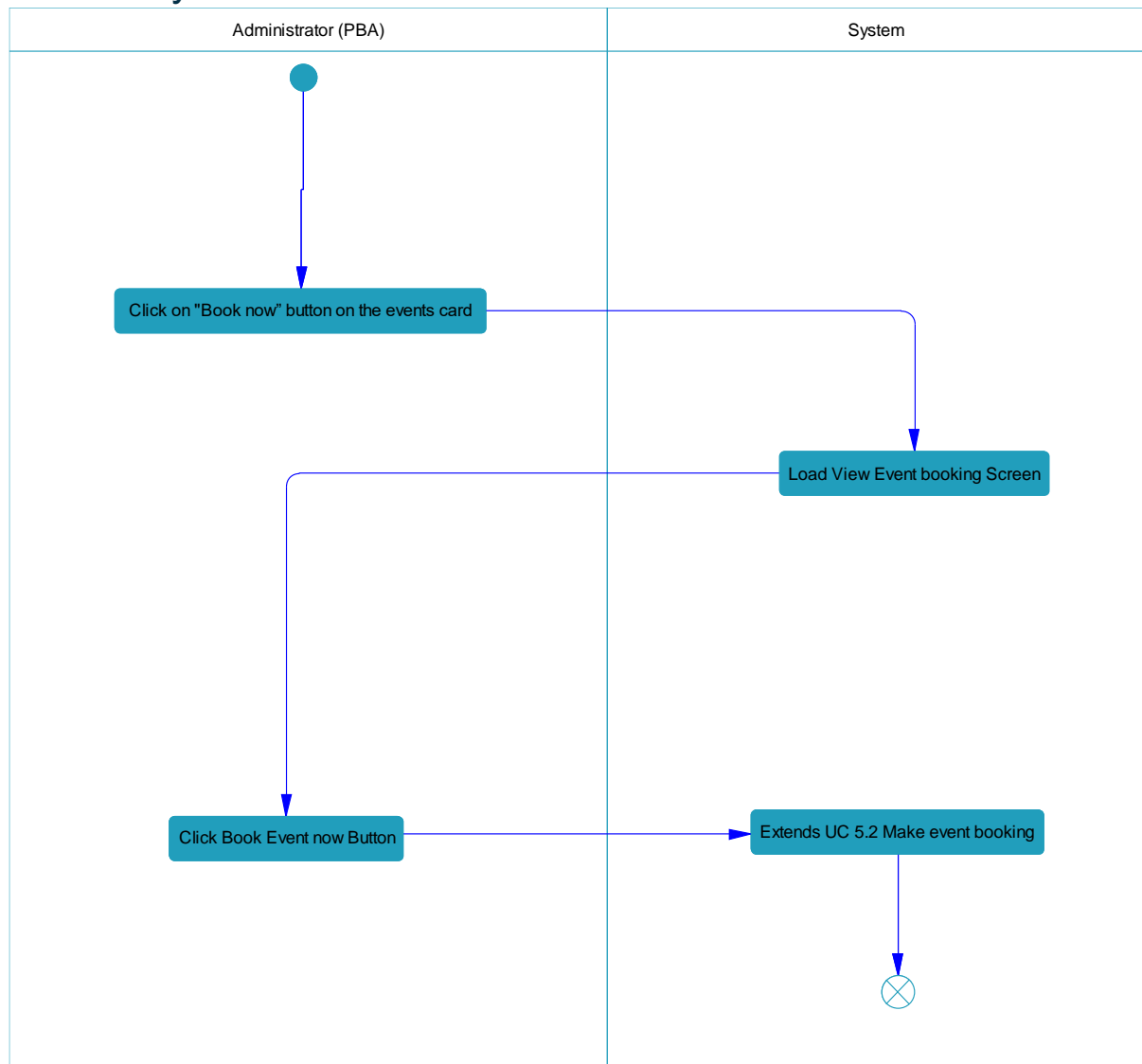
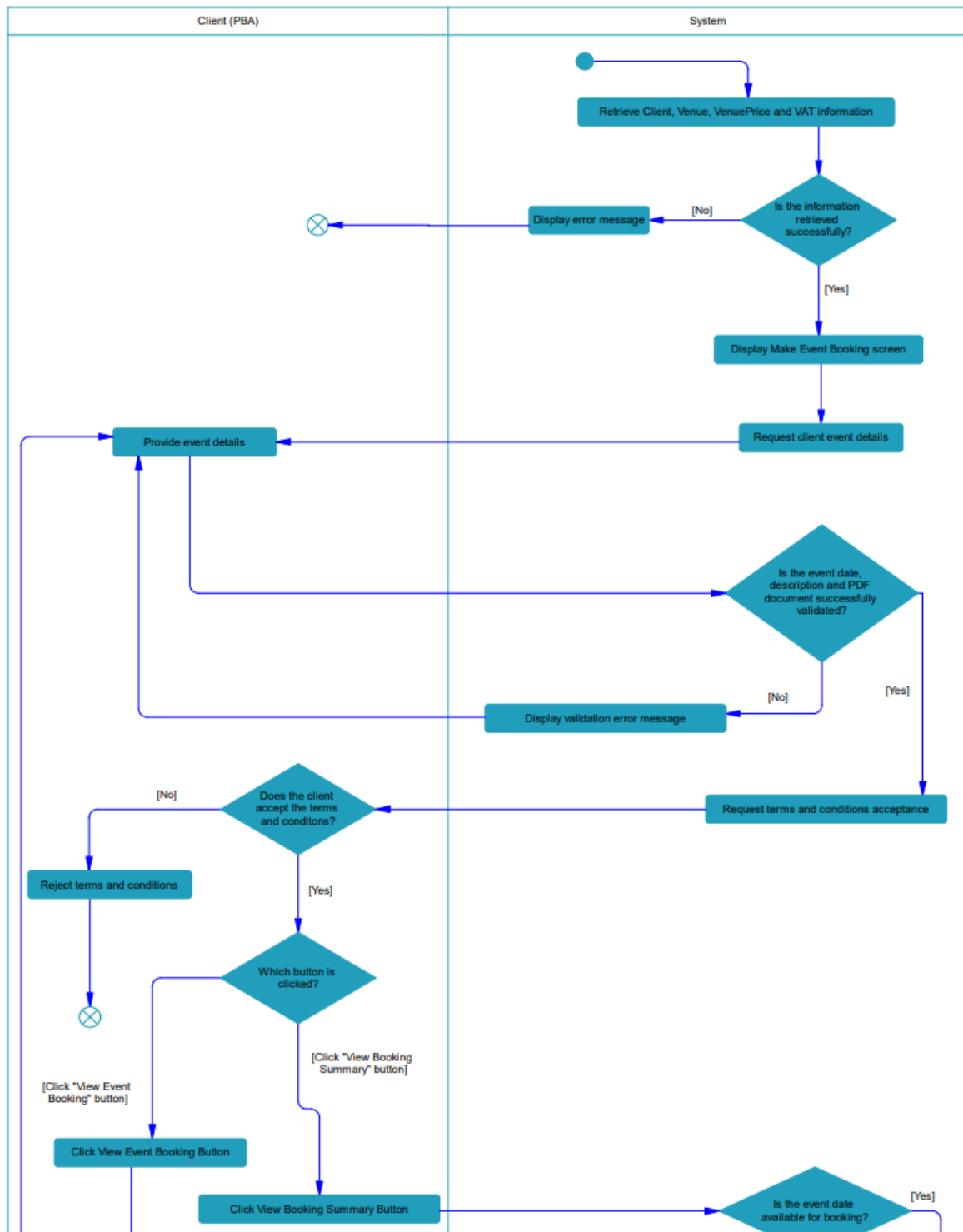


Figure 24: 5.1 View Event Booking Activity Diagram





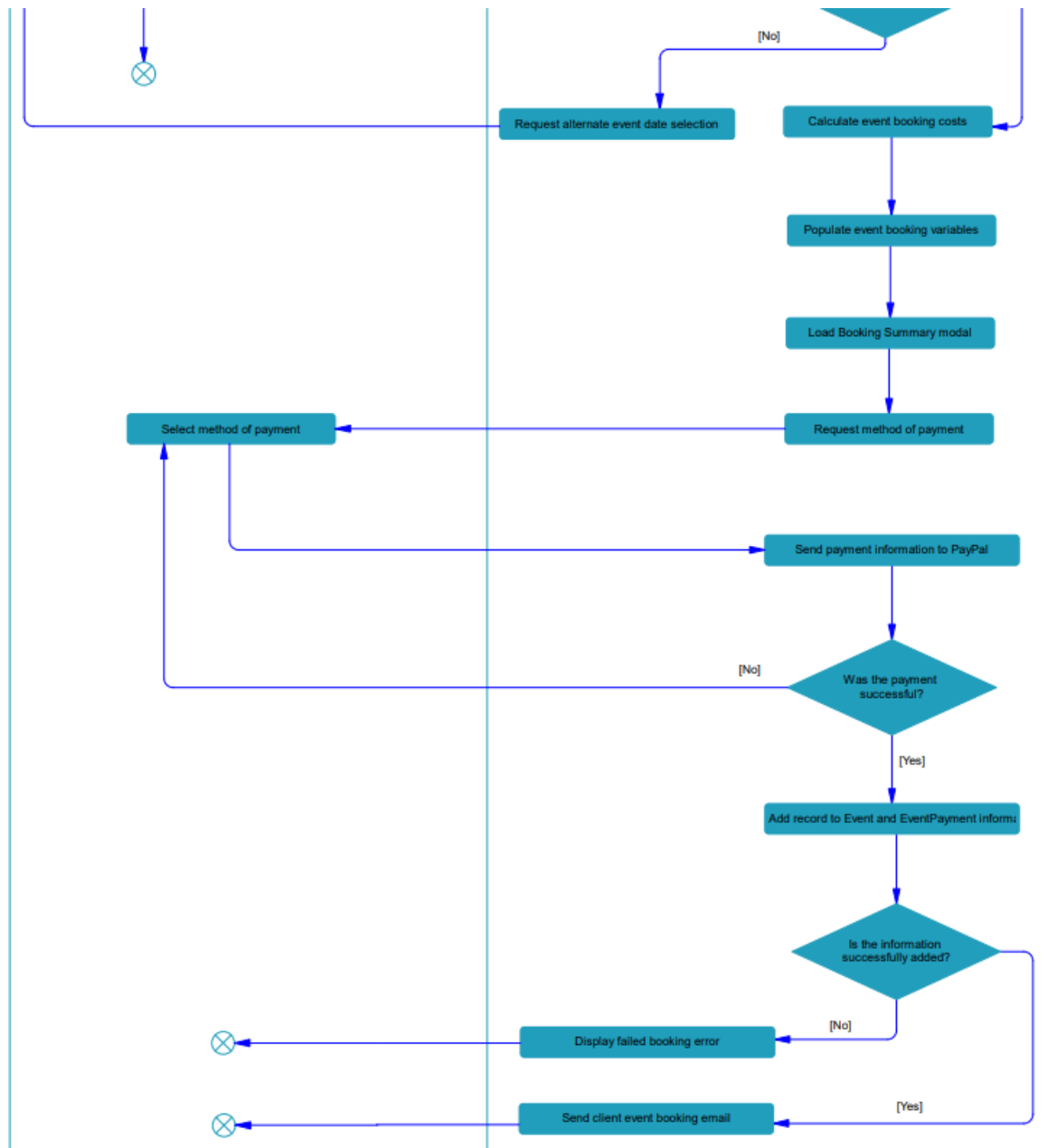


Figure 25: 5.2 Make Event Booking Activity Diagram



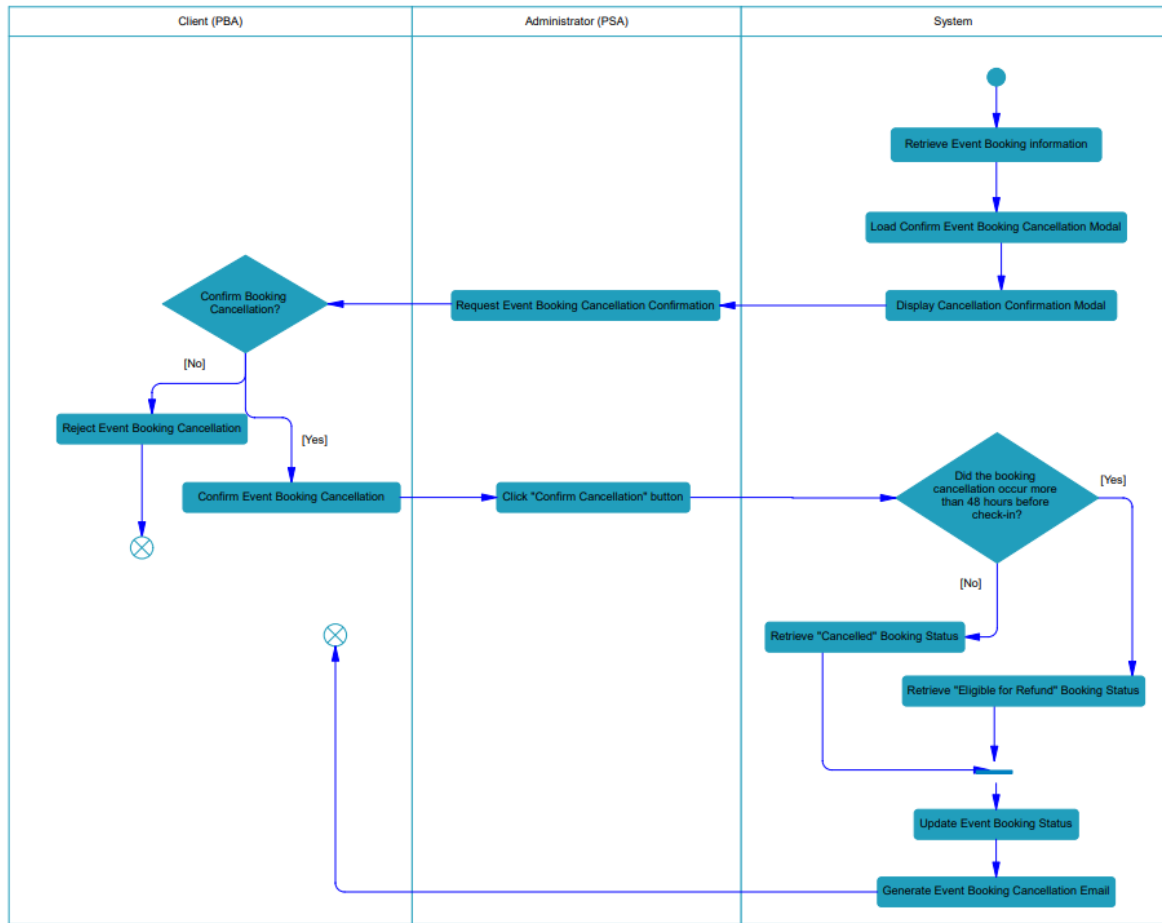


Figure 26: 5.3 Cancel Event Booking Activity Diagram

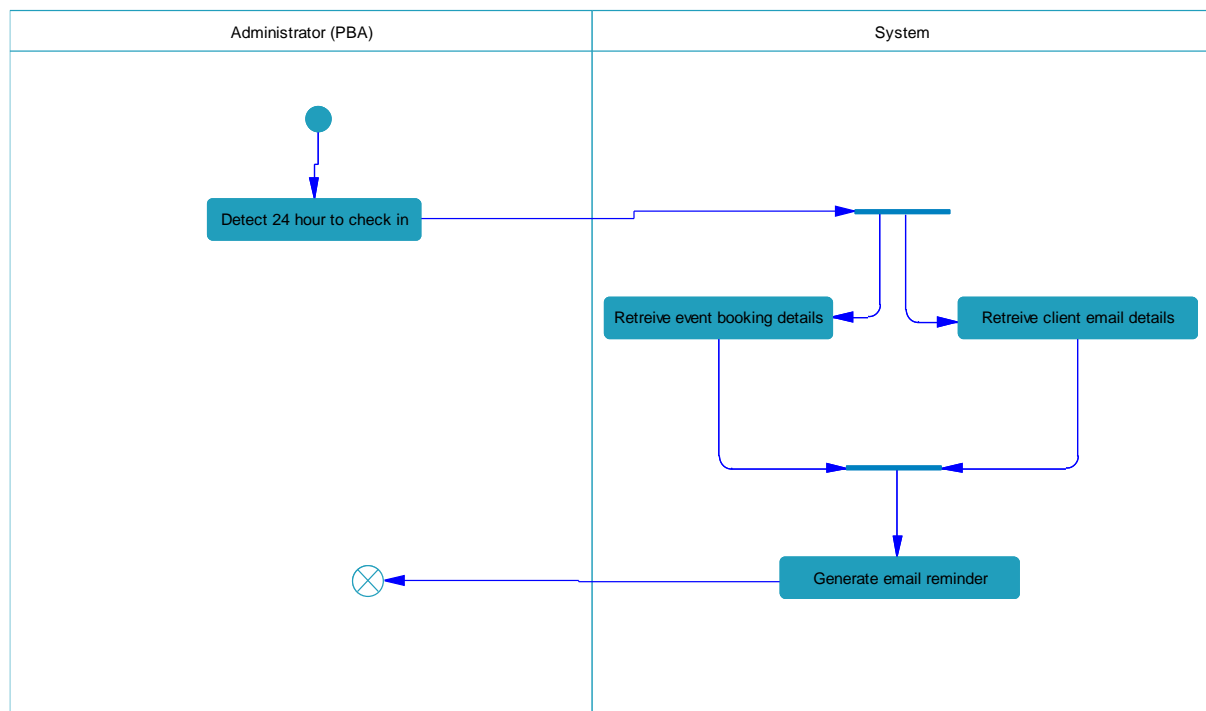


Figure 27: 5.4 Send Event Booking Reminder Activity Diagram



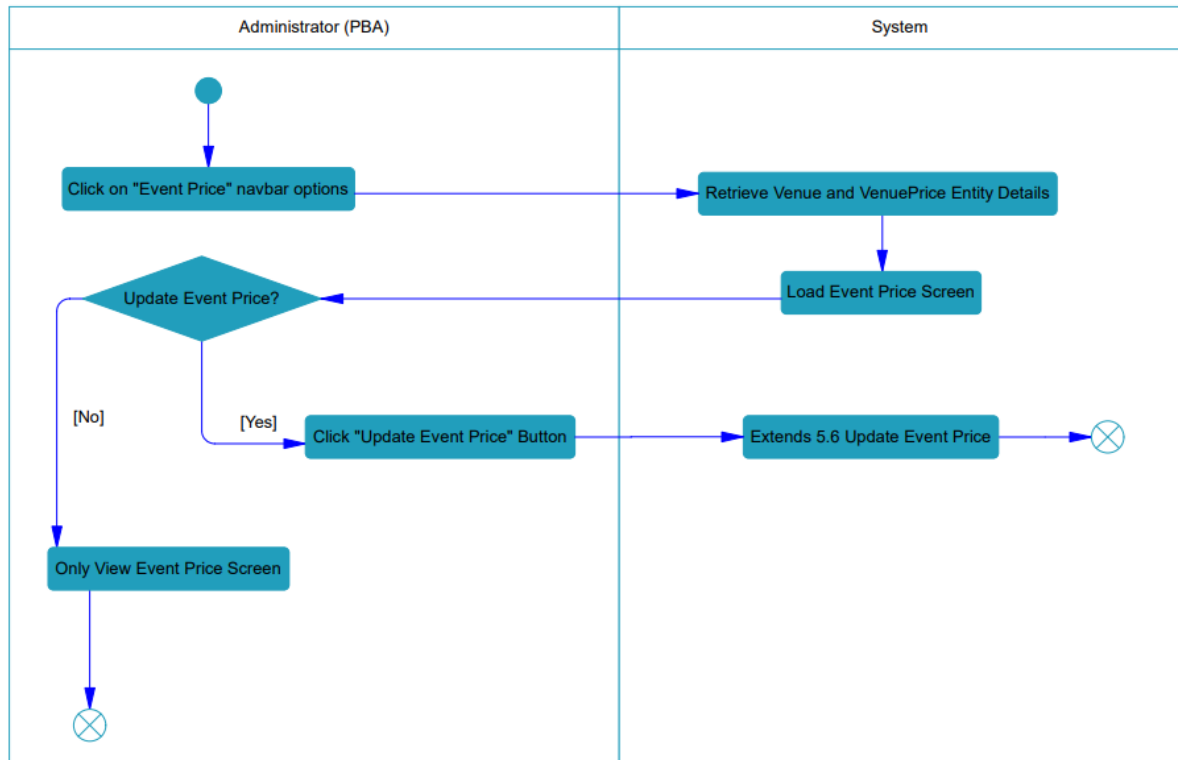


Figure 28: 5.5 View Event Price Activity Diagram



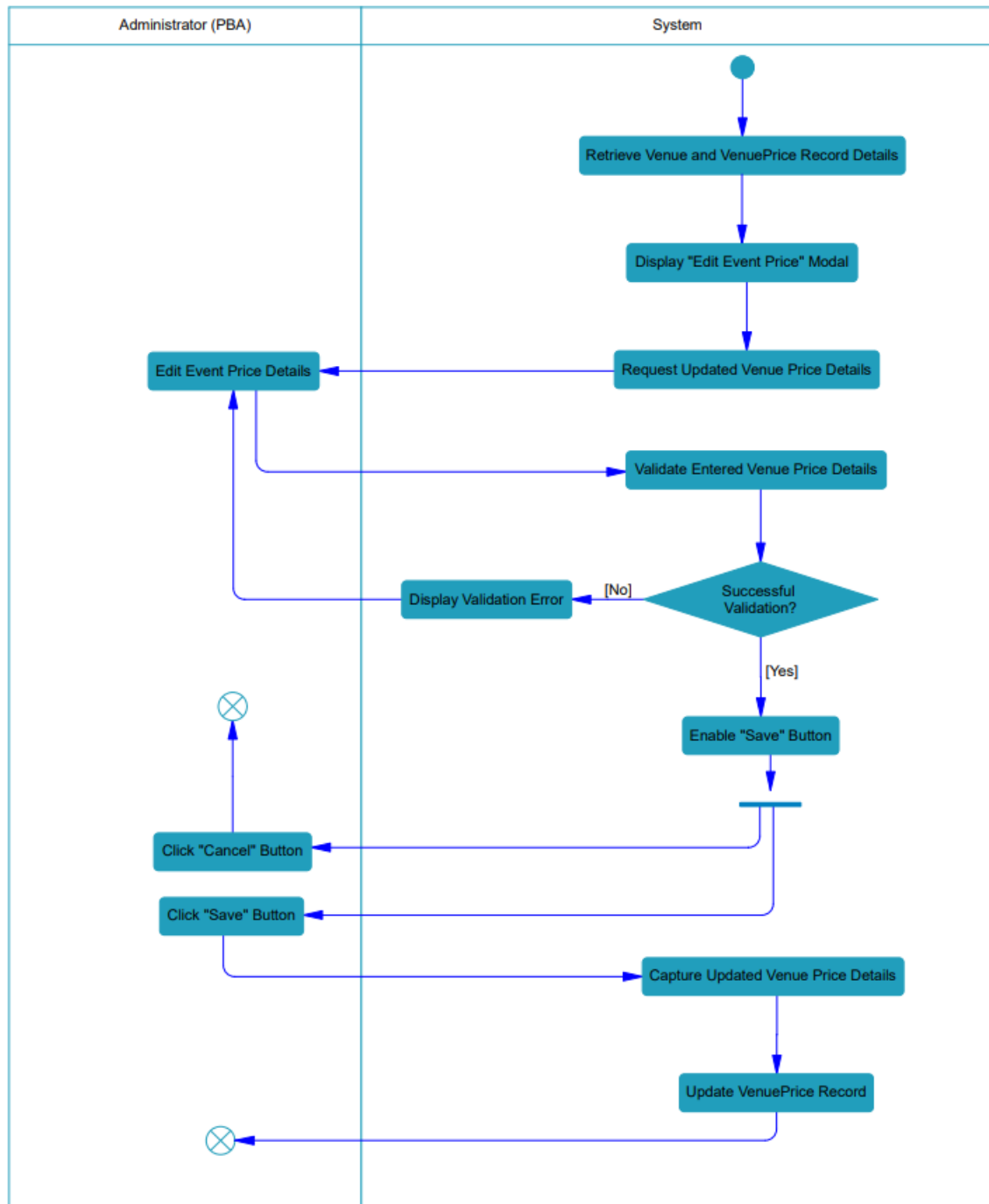


Figure 29: 5.6 Update Event Price Activity Diagram



2.6. Subsystem 6 – Administration

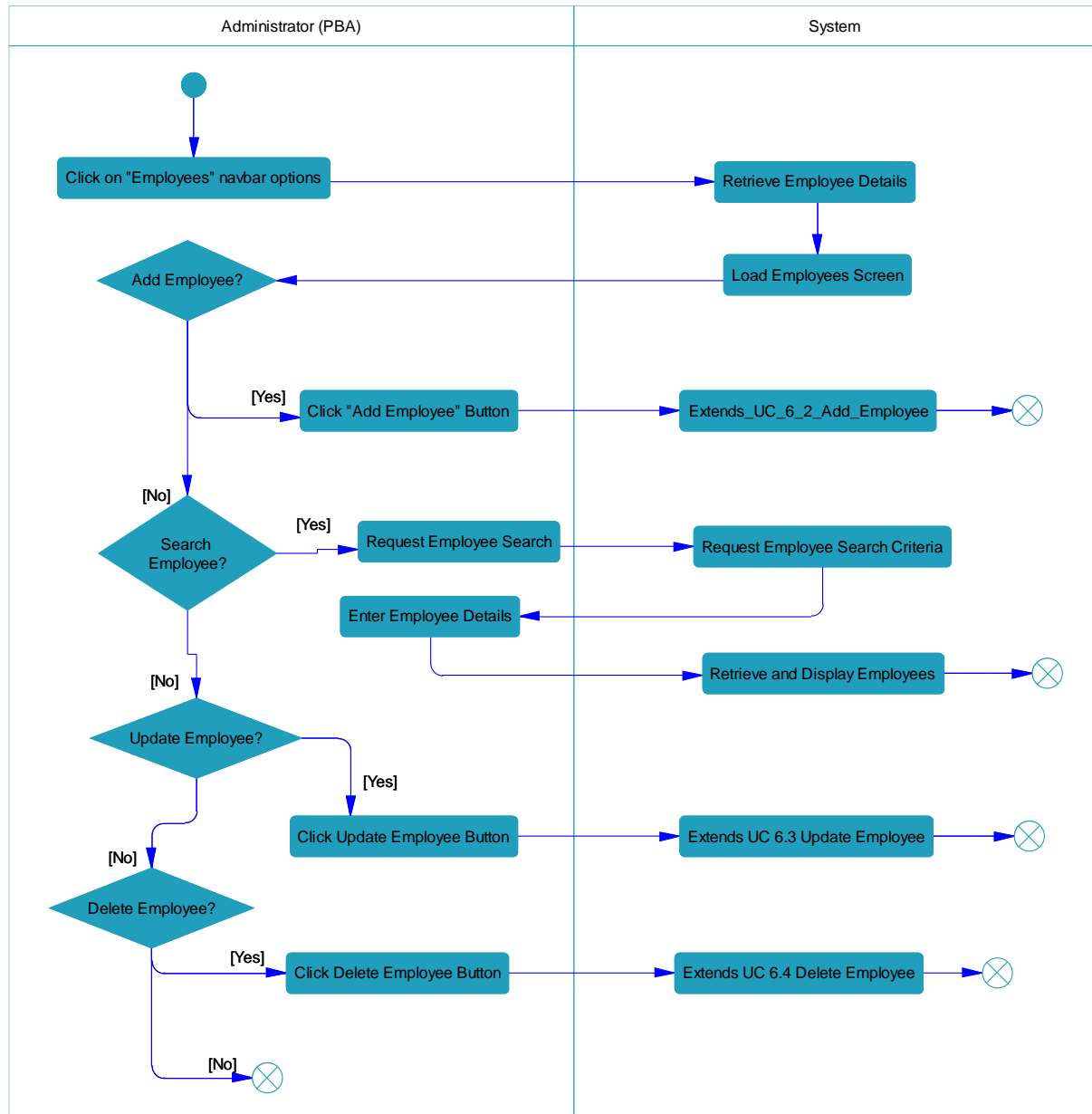


Figure 30: 6.1 View Employee Activity Diagram



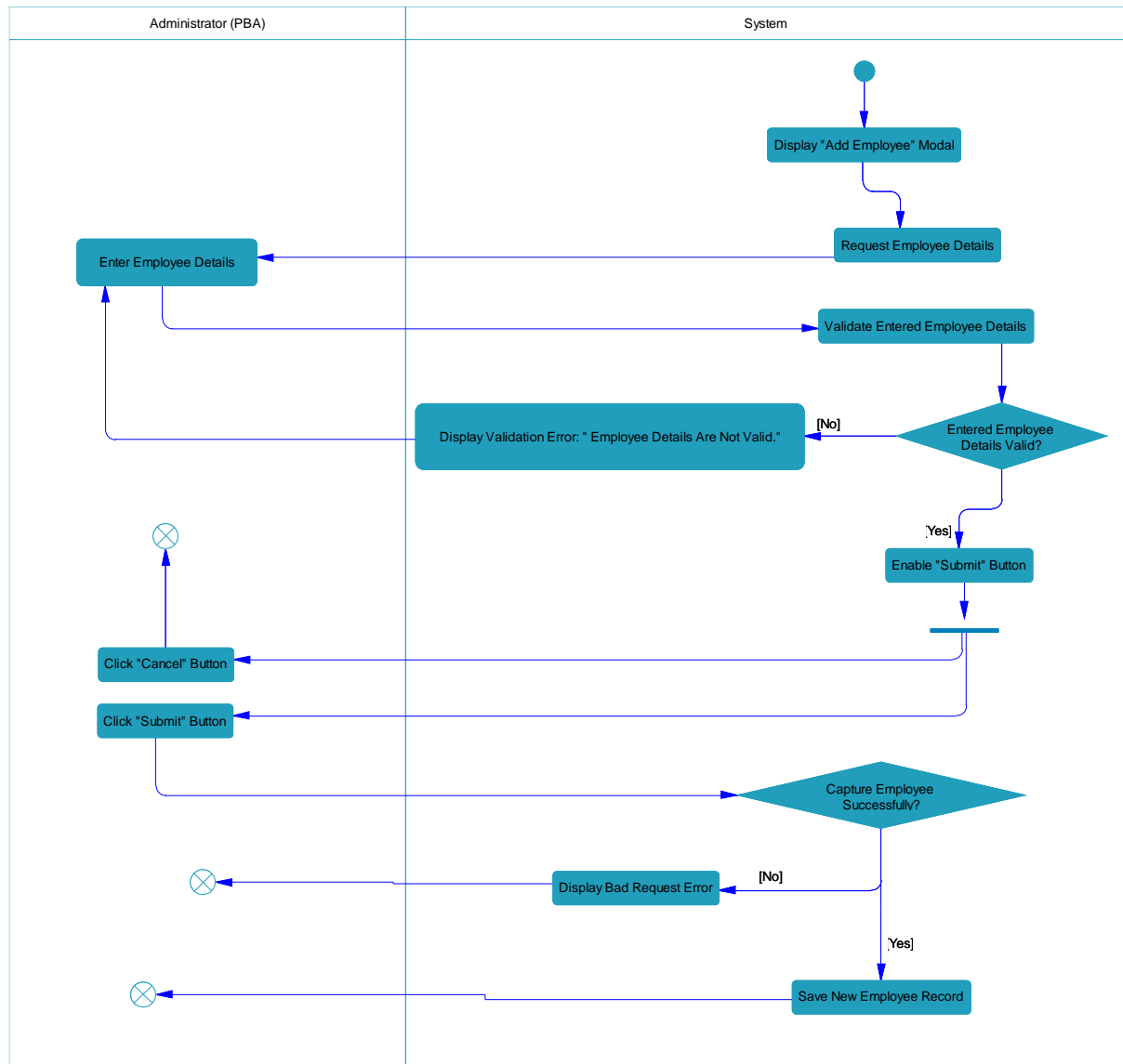


Figure 31: 6.2 Add Employee Activity Diagram



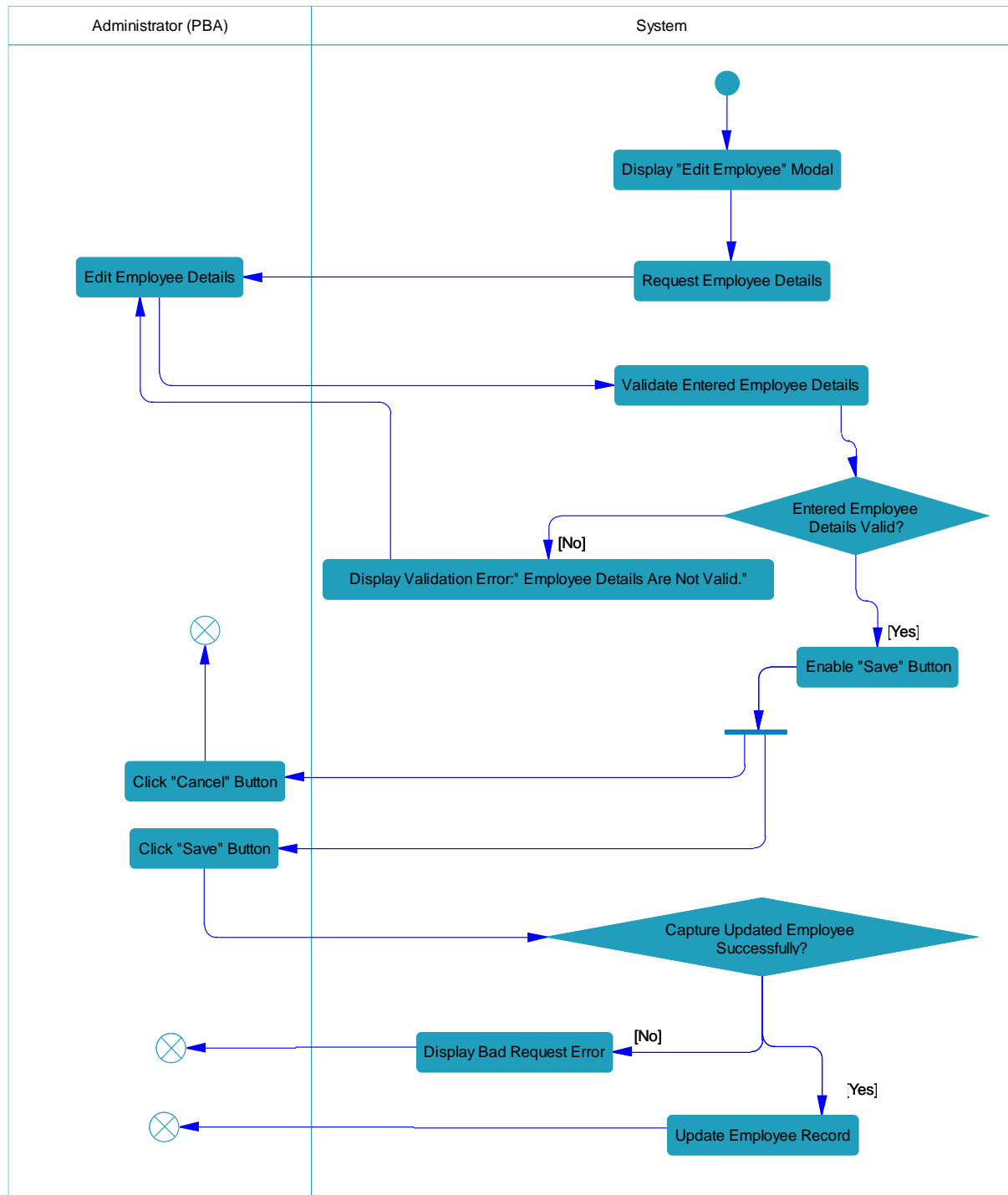


Figure 32: 6.3 Update Employee Activity Diagram



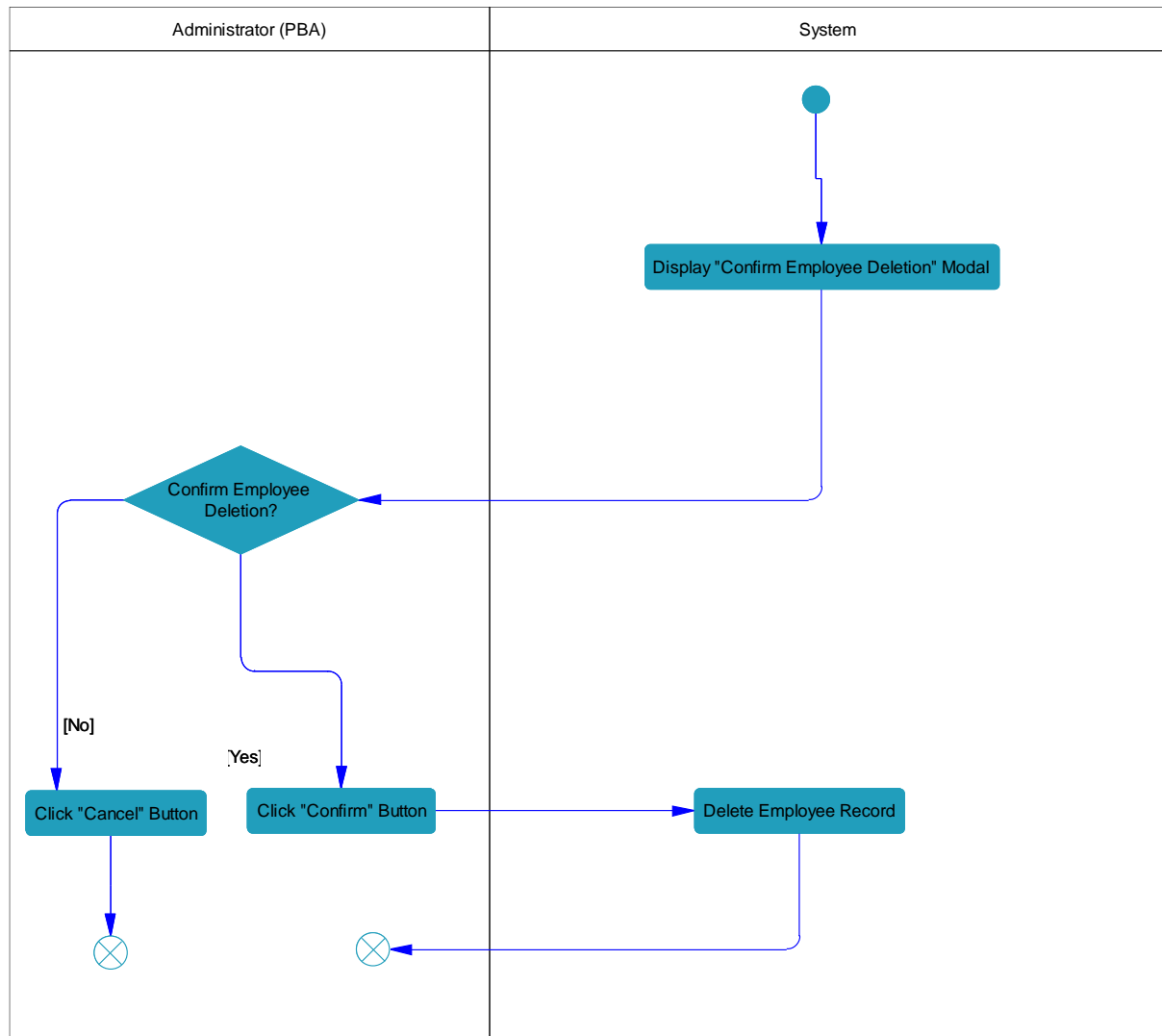


Figure 33: 6.4 Delete Employee Activity Diagram



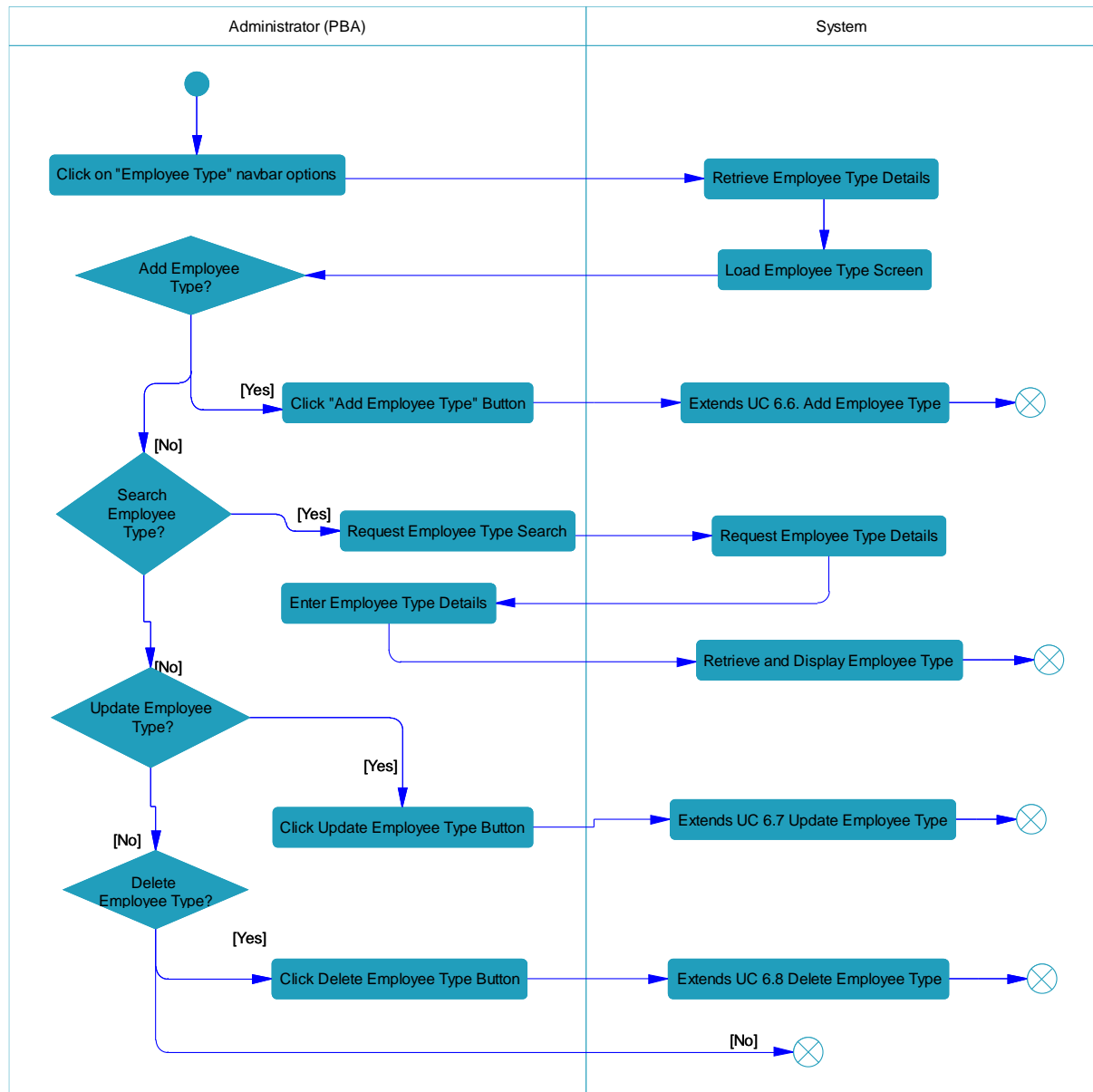


Figure 34: 6.5 View Employee Type Activity Diagram



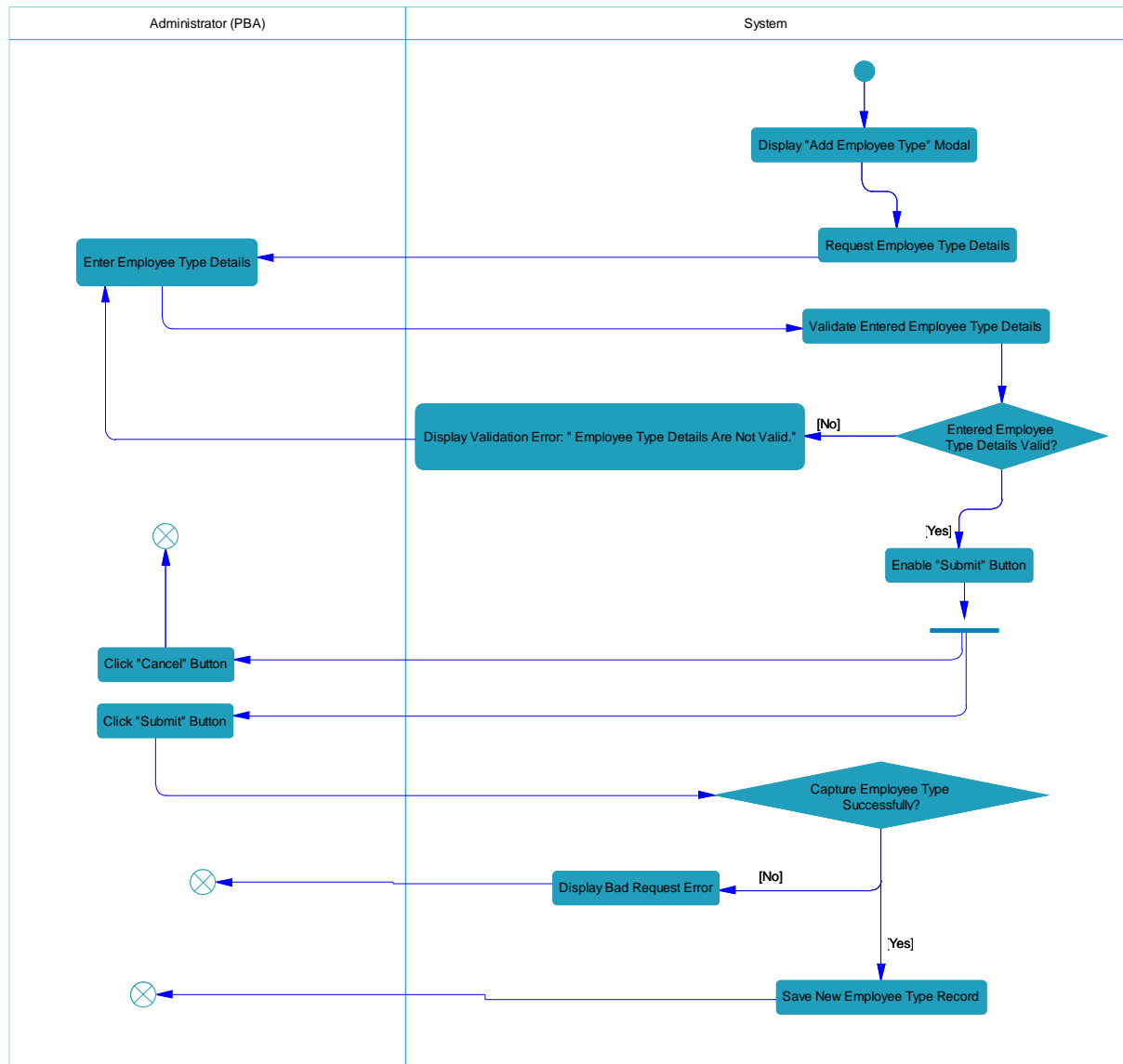


Figure 35: 6.6 Add Employee Type Activity Diagram



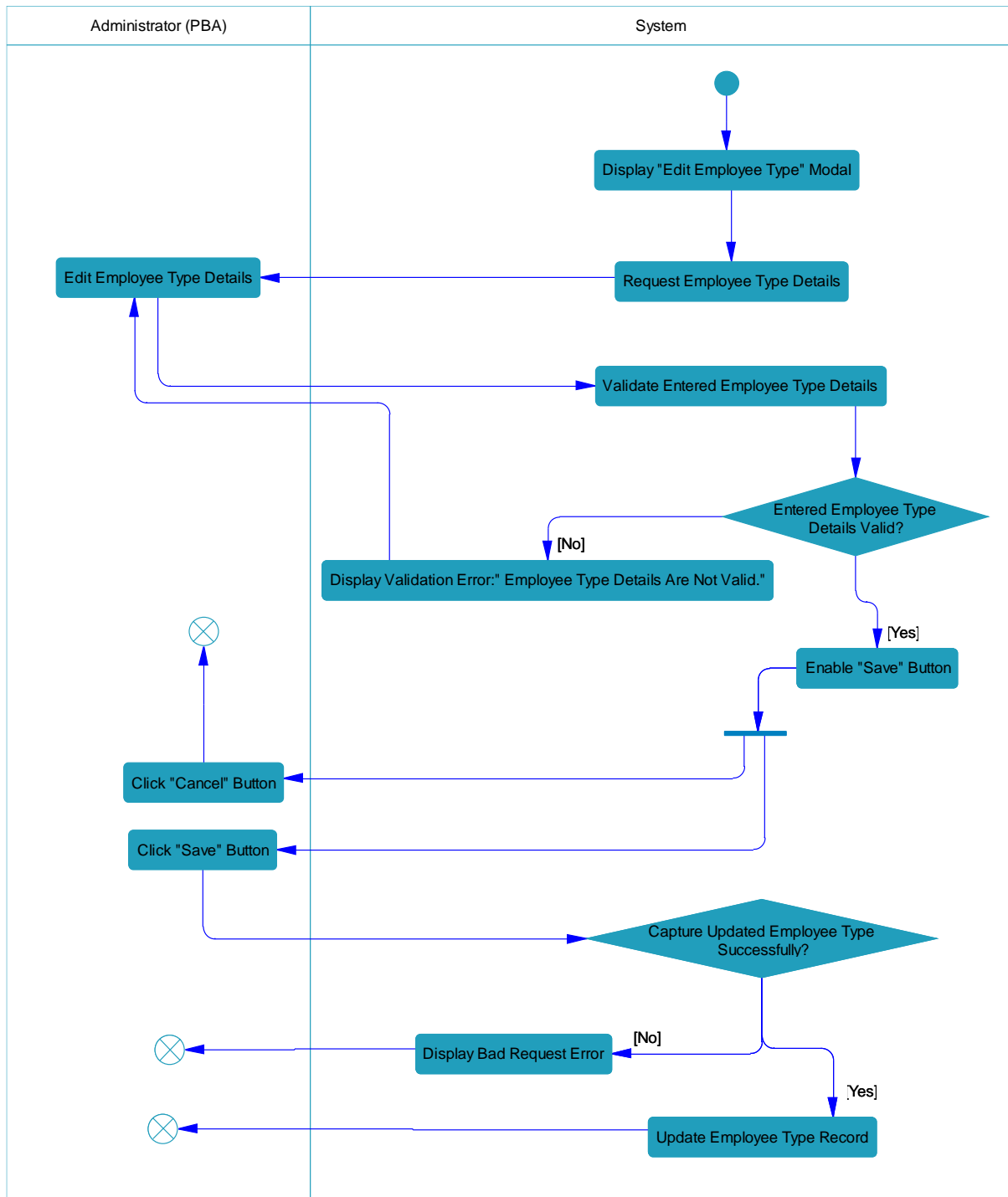


Figure 36: 6.7 Update Employee Type Activity Diagram'



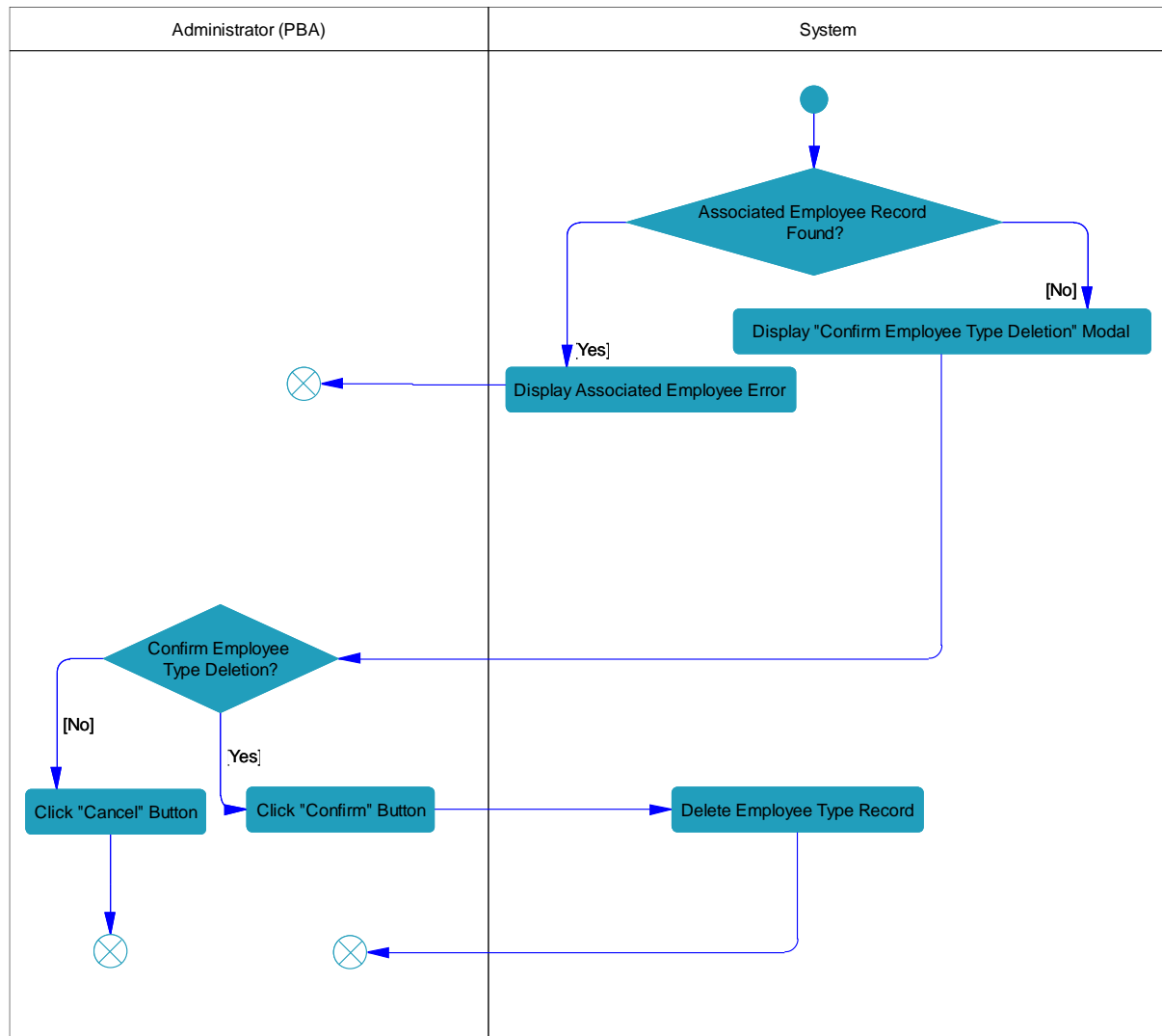


Figure 37: 6.8 Delete Employee Type Activity Diagram



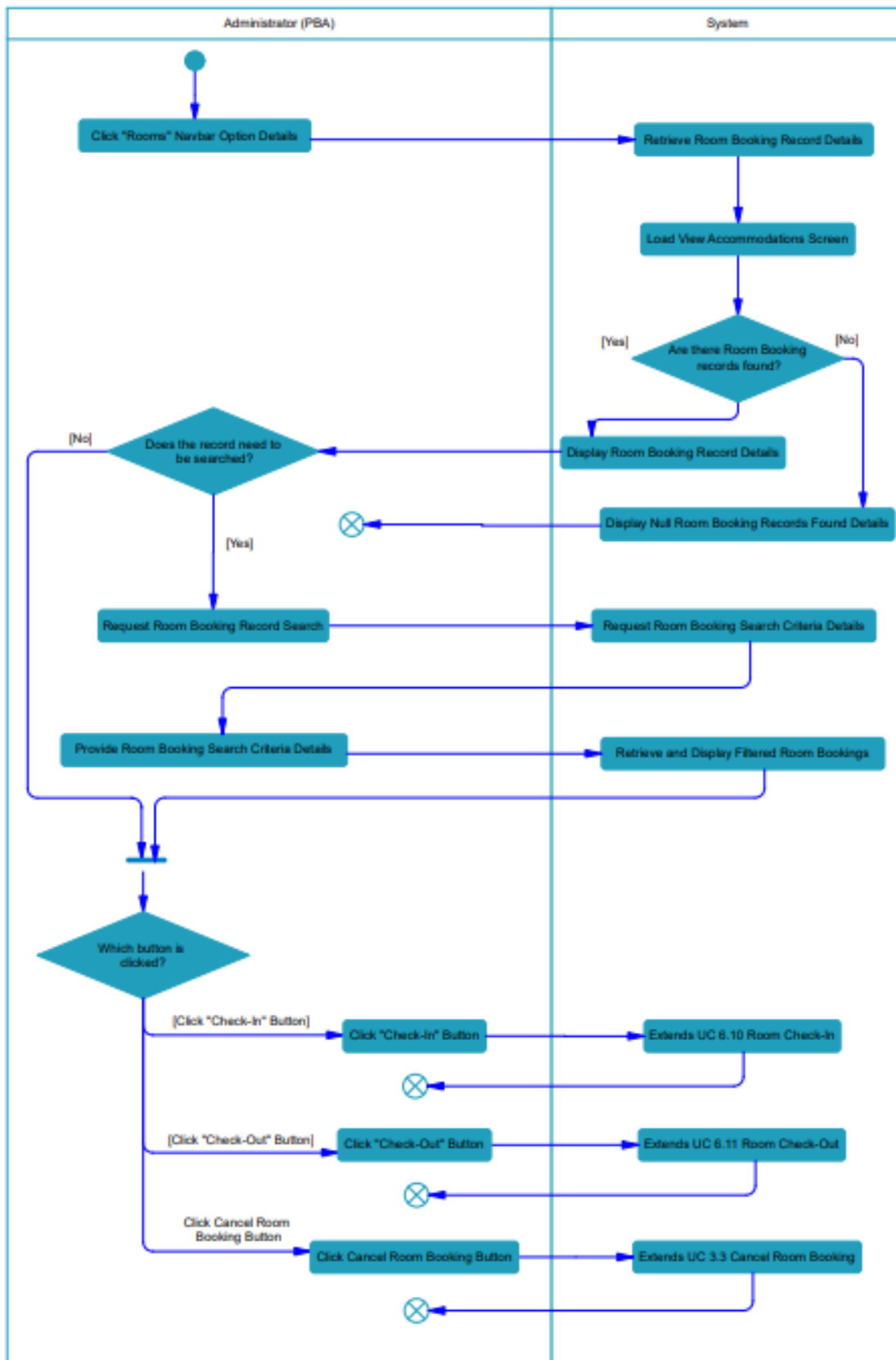


Figure 38: 6.9 View Accommodations Activity Diagram



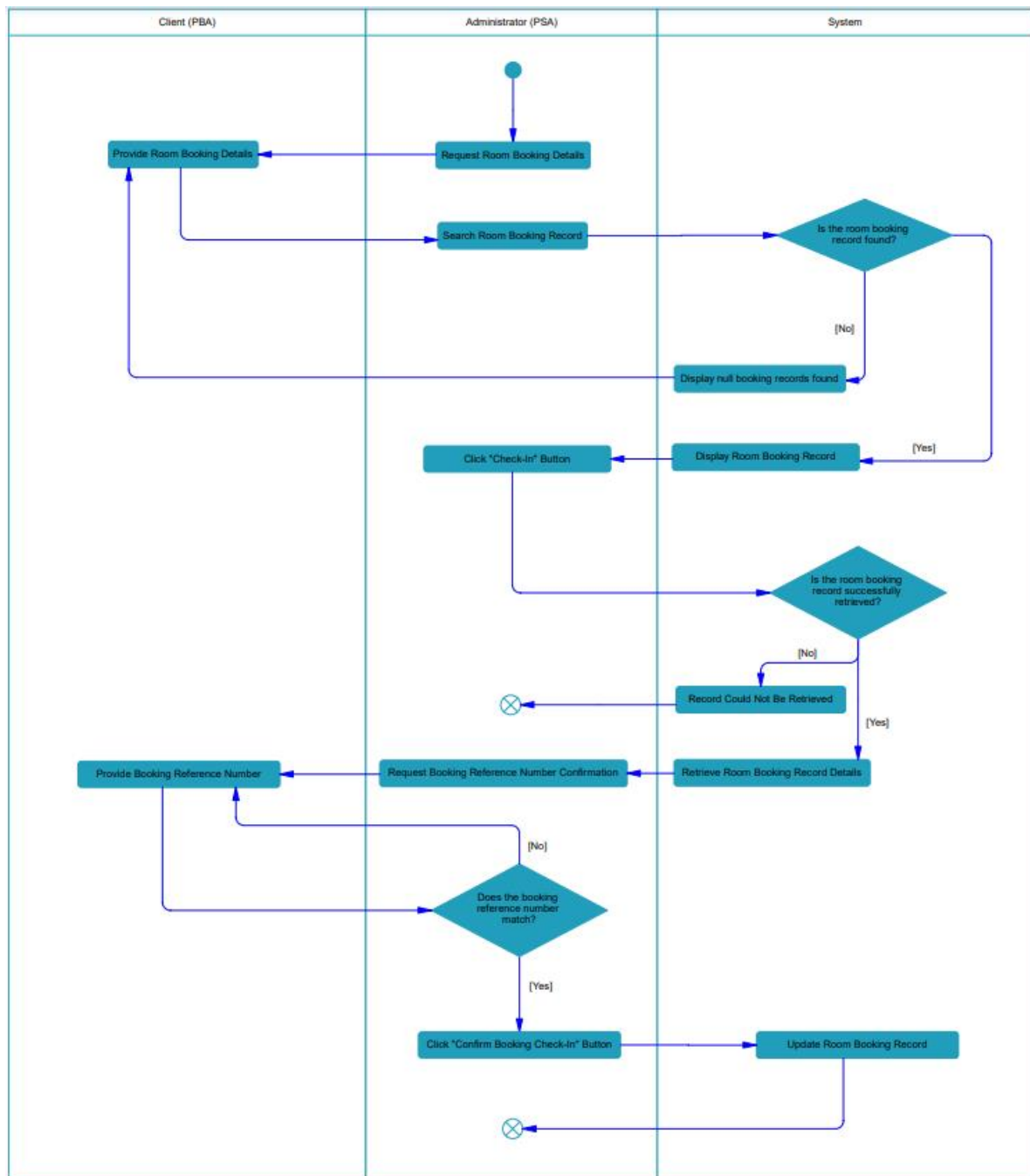


Figure 39: 6.10 Room Check-In Activity Diagram



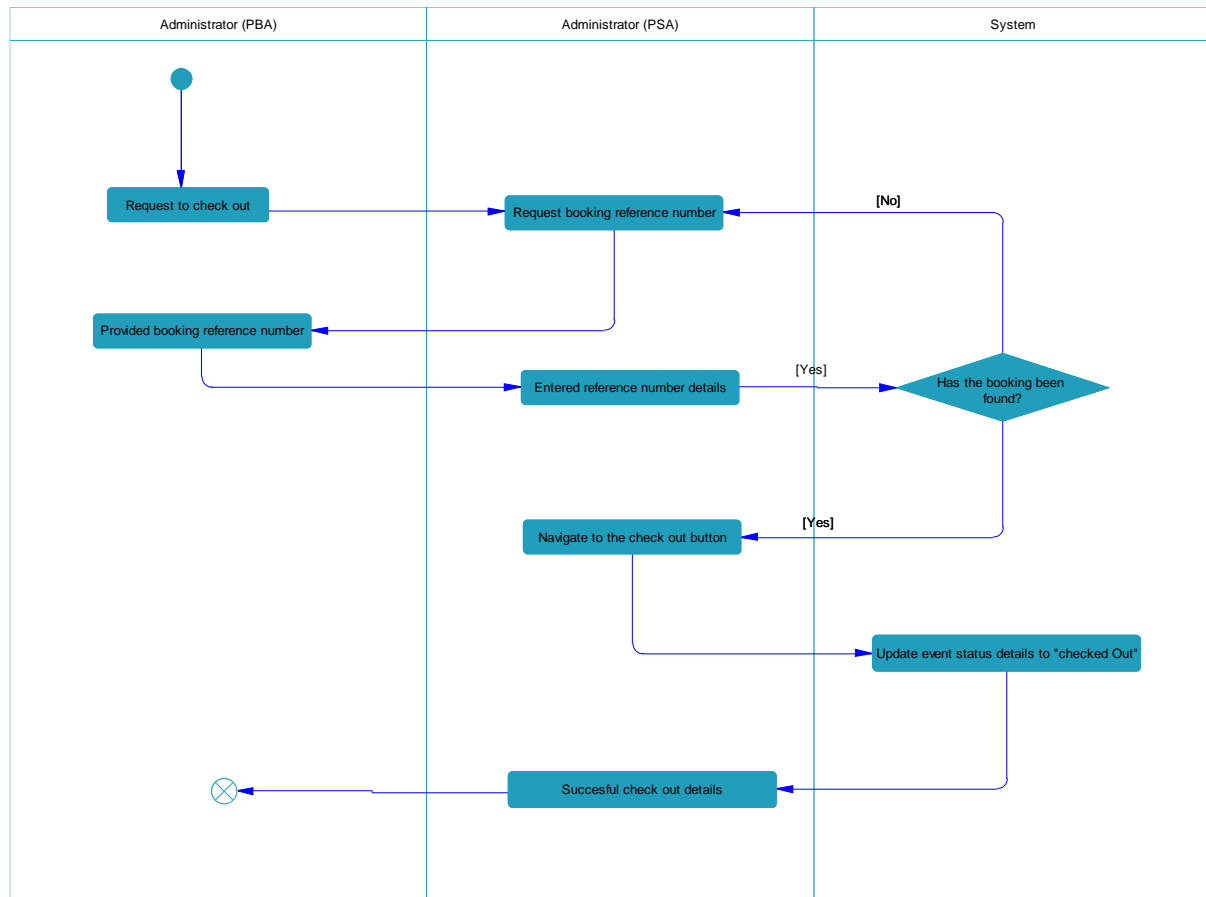


Figure 40: 6.11 Room Check-Out Activity Diagram



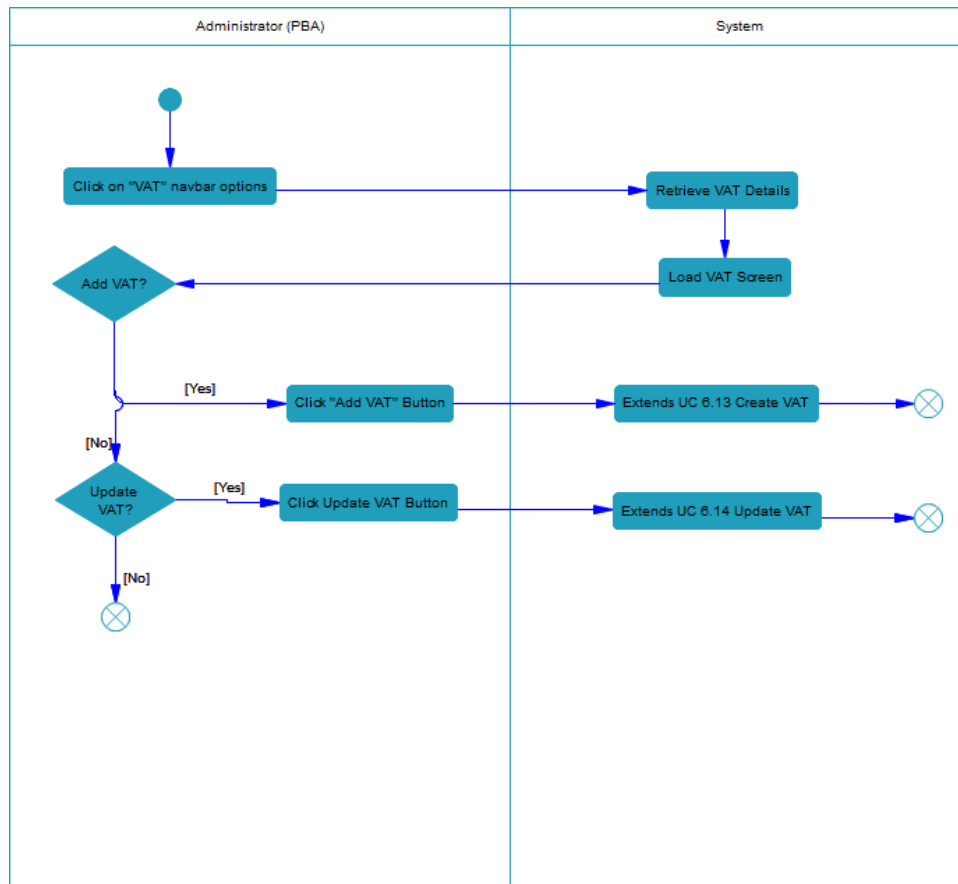


Figure 41: 6.12 View VAT Activity Diagram



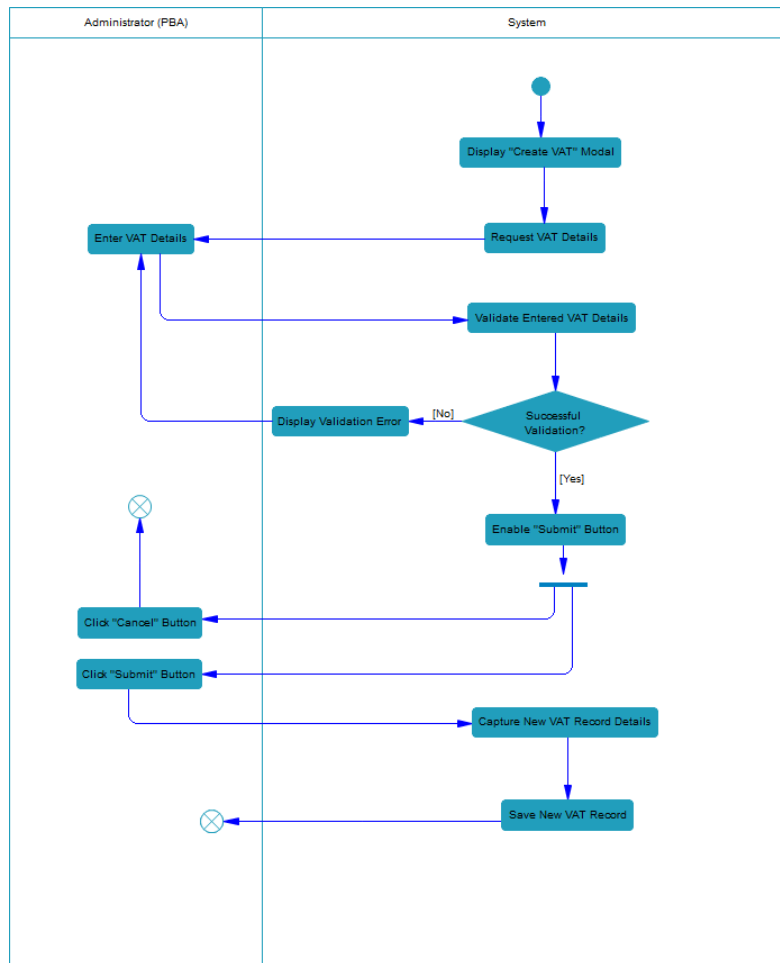


Figure 42: 6.13 Create VAT Activity Diagram



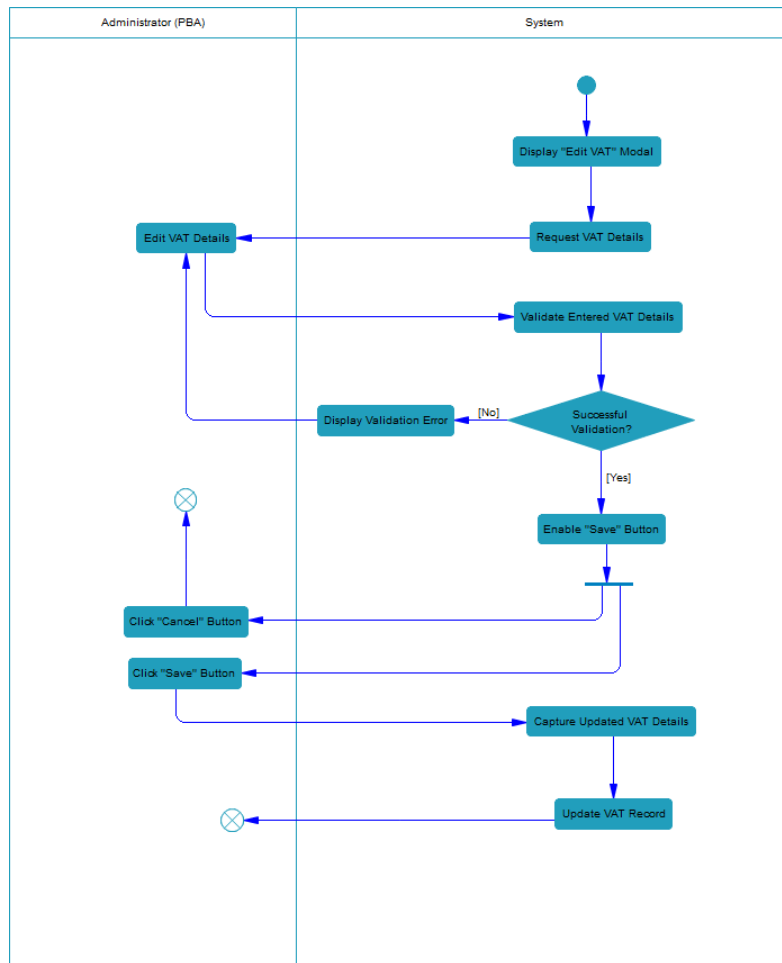


Figure 43: 6.14 Update VAT Activity Diagram

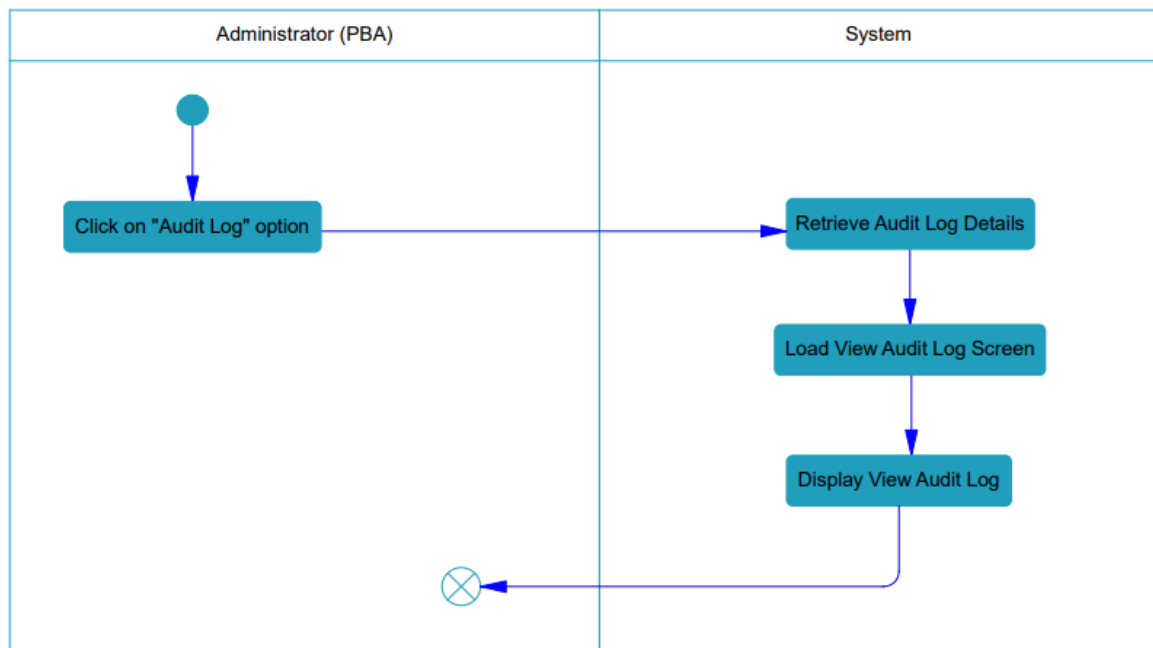


Figure 44: 6.15 View Audit Log Activity Diagram



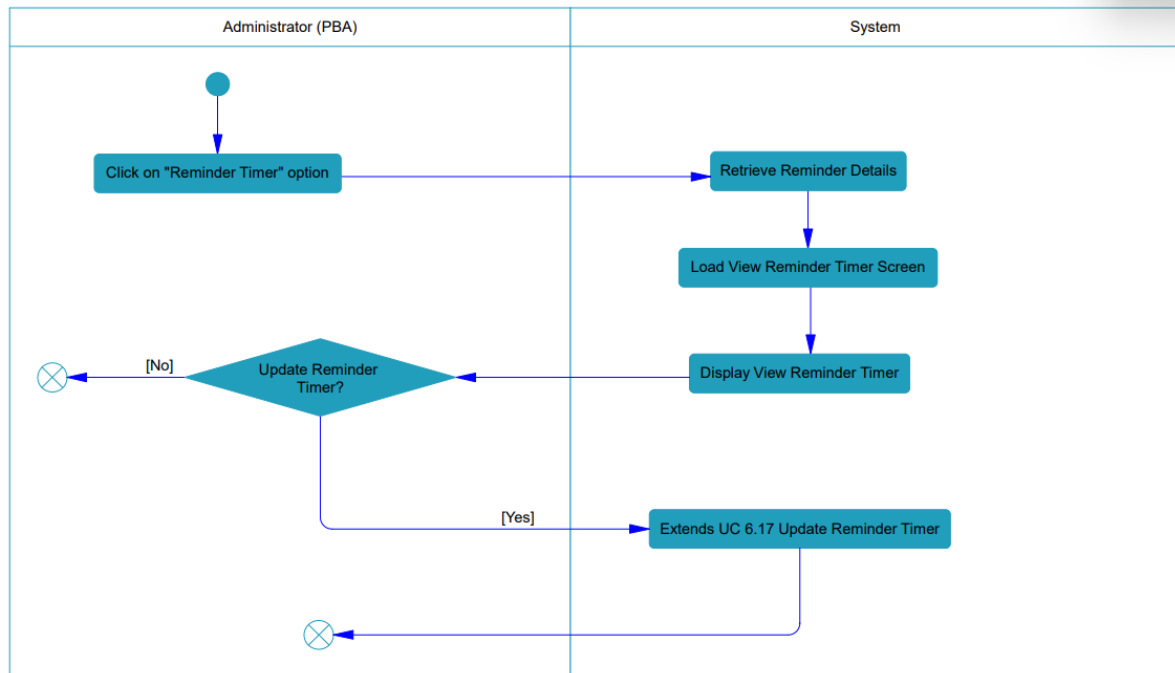


Figure 45: 6.16 View Reminder Timer Activity Diagram



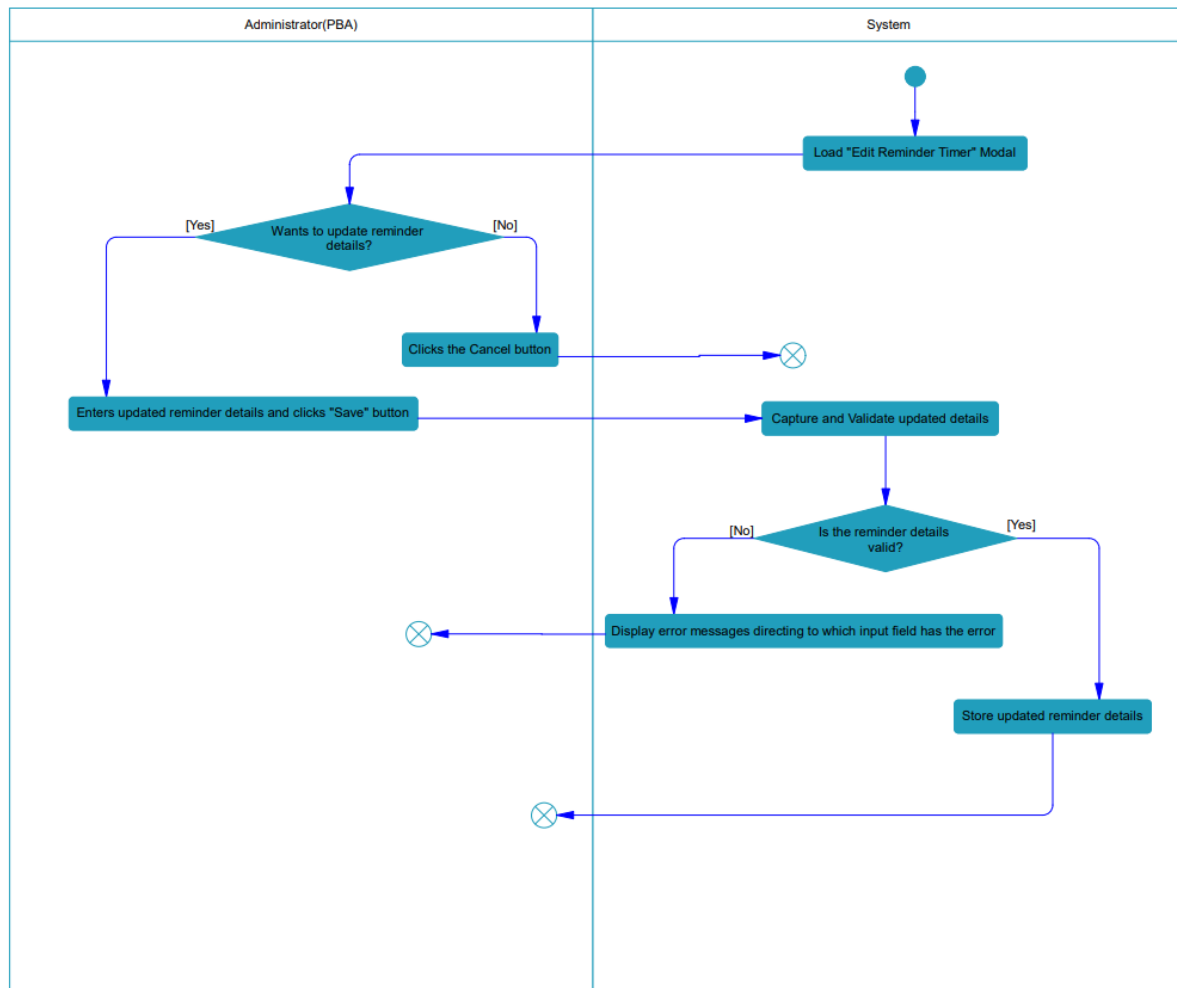


Figure 46: 6.17 Update Reminder Timer Activity Diagram

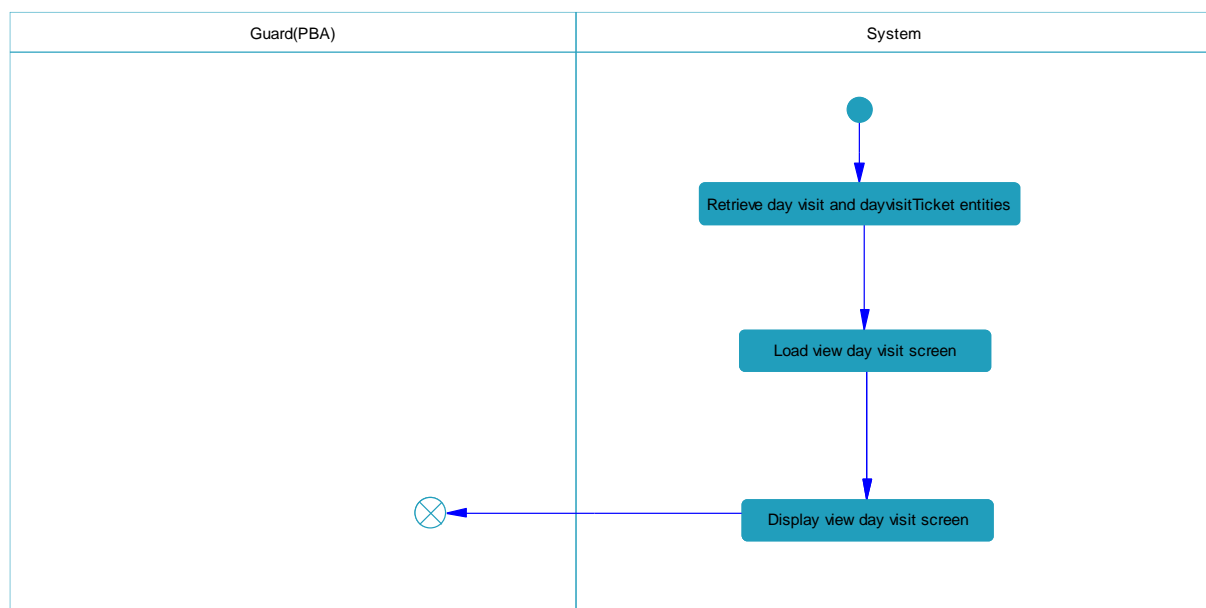


Figure 47: 6.18 View Day-Visits Activity Diagram



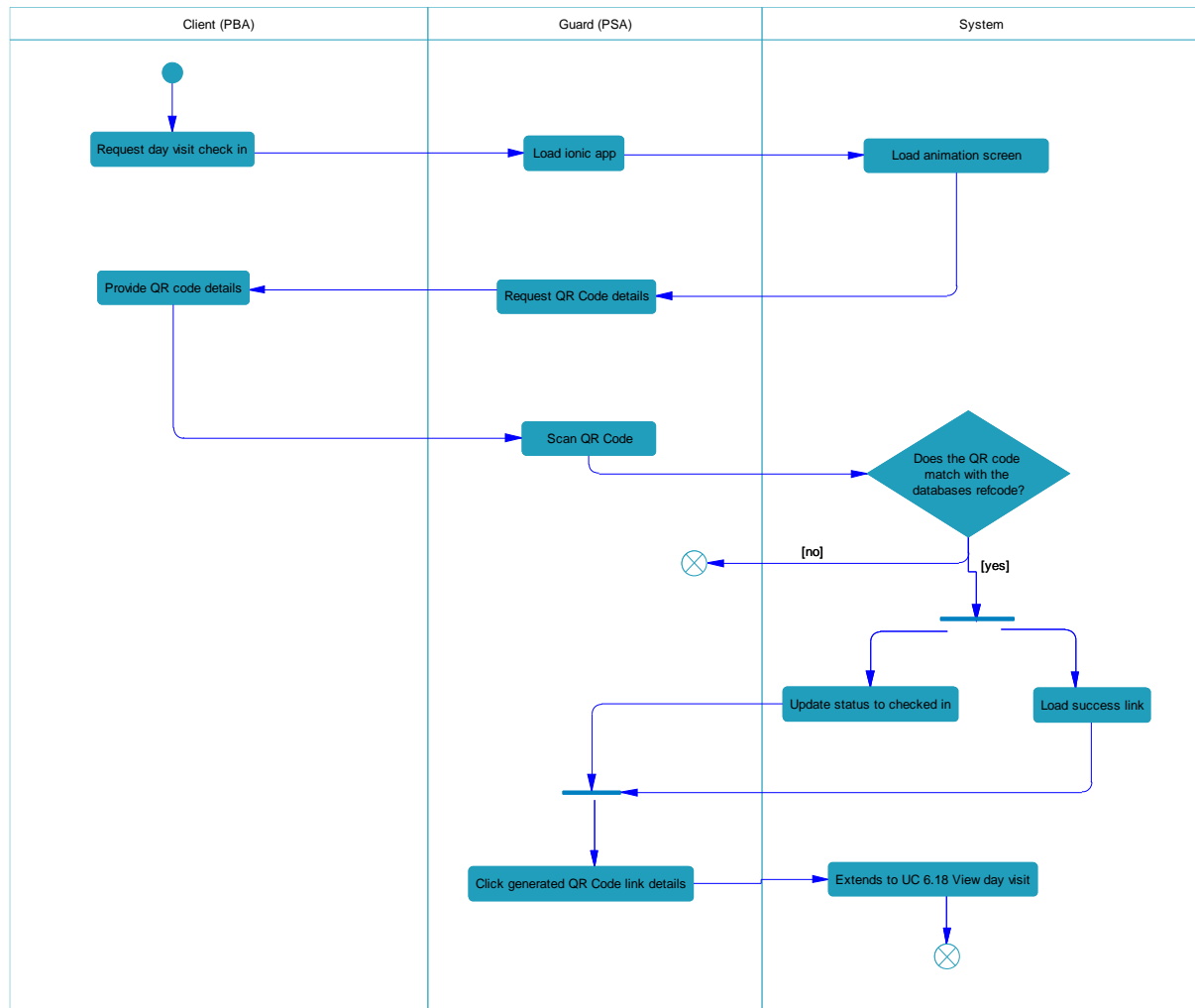


Figure 48: 6.19 Check-In Ticket Activity Diagram



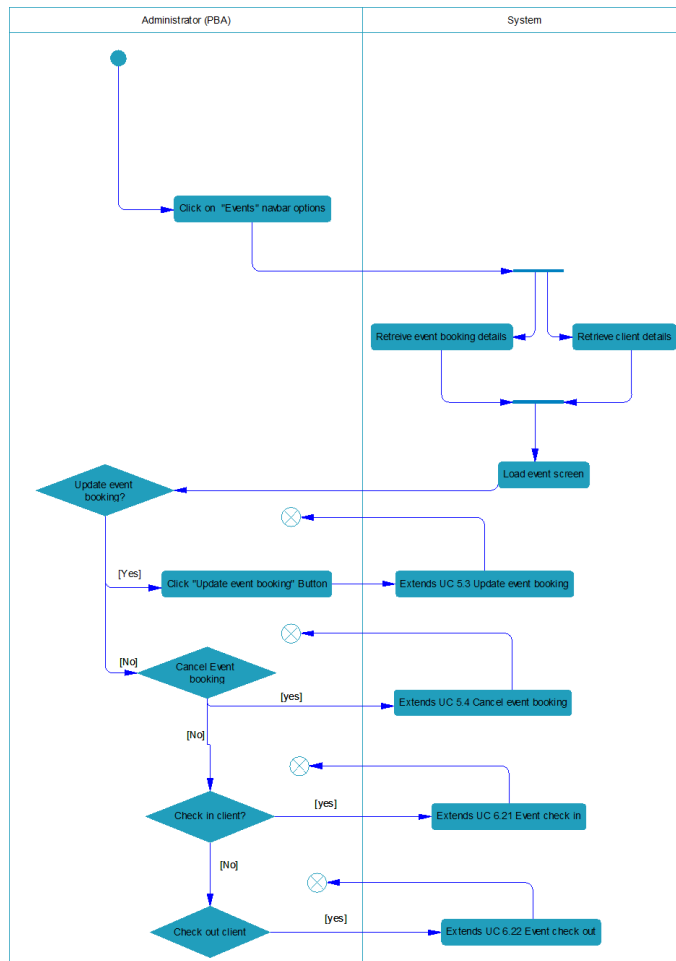


Figure 49: 6.20 View Events Activity Diagram



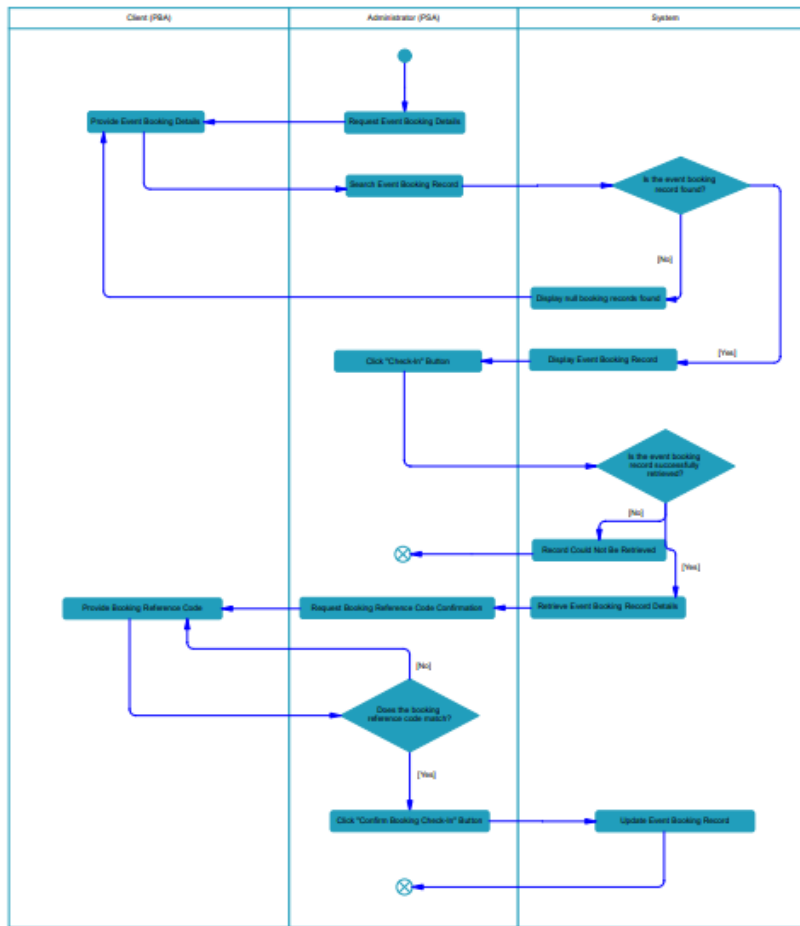


Figure 50: 6.21 Event Check-In Activity Diagram

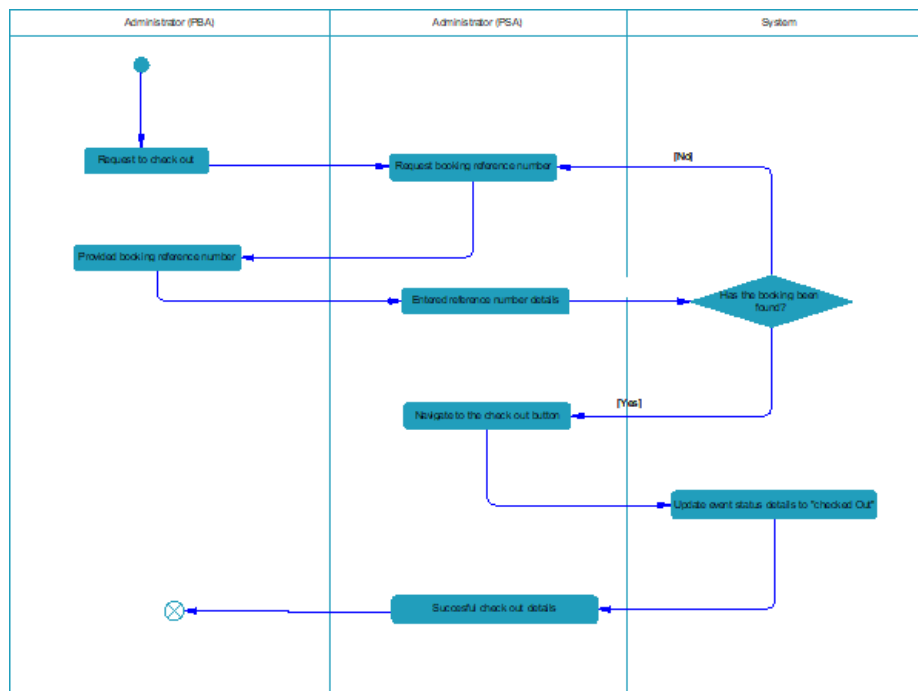


Figure 51: 6.22 Event Check-Out Activity Diagram



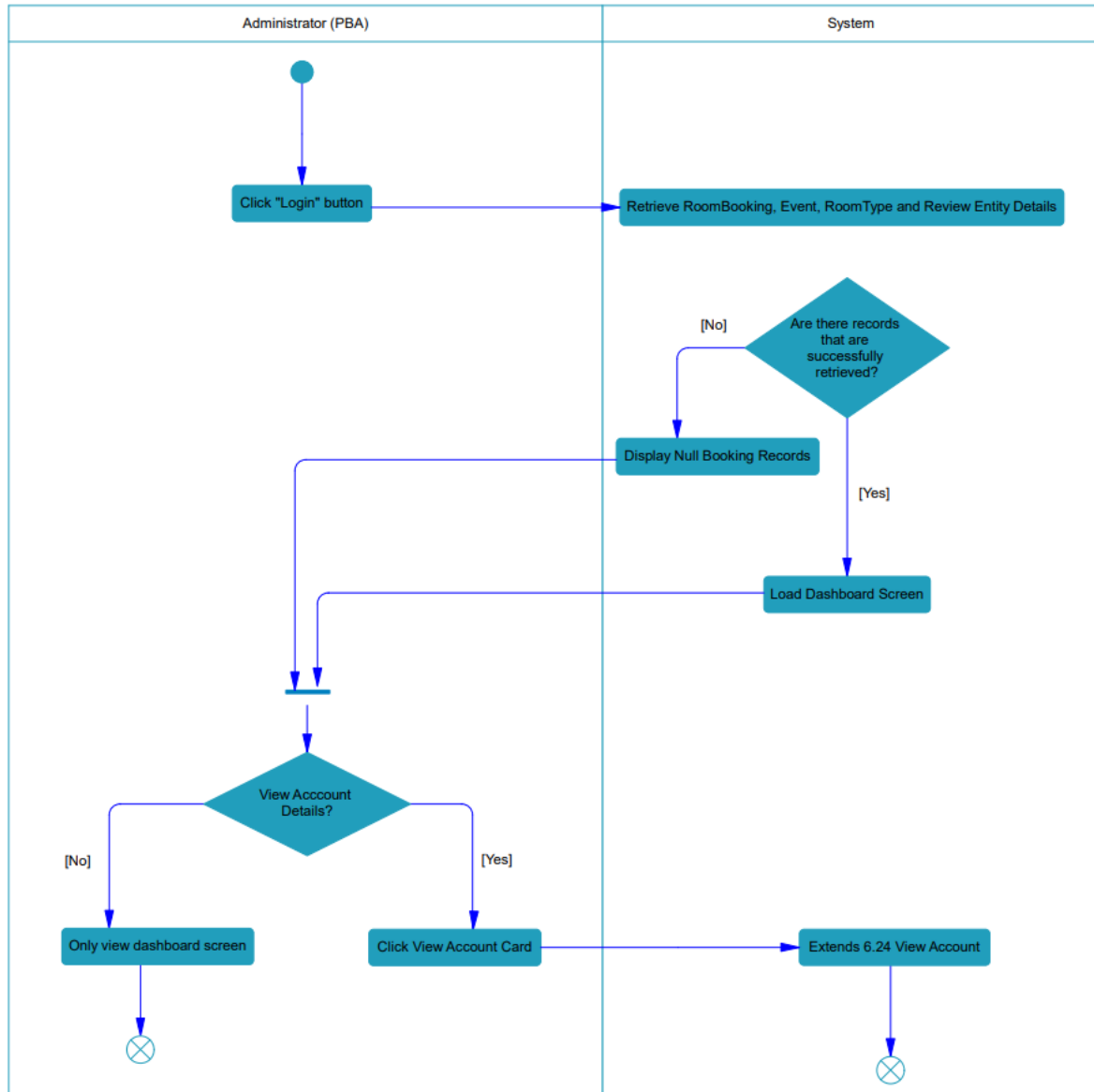


Figure 52: 6.23 View Dashboard Activity Diagram



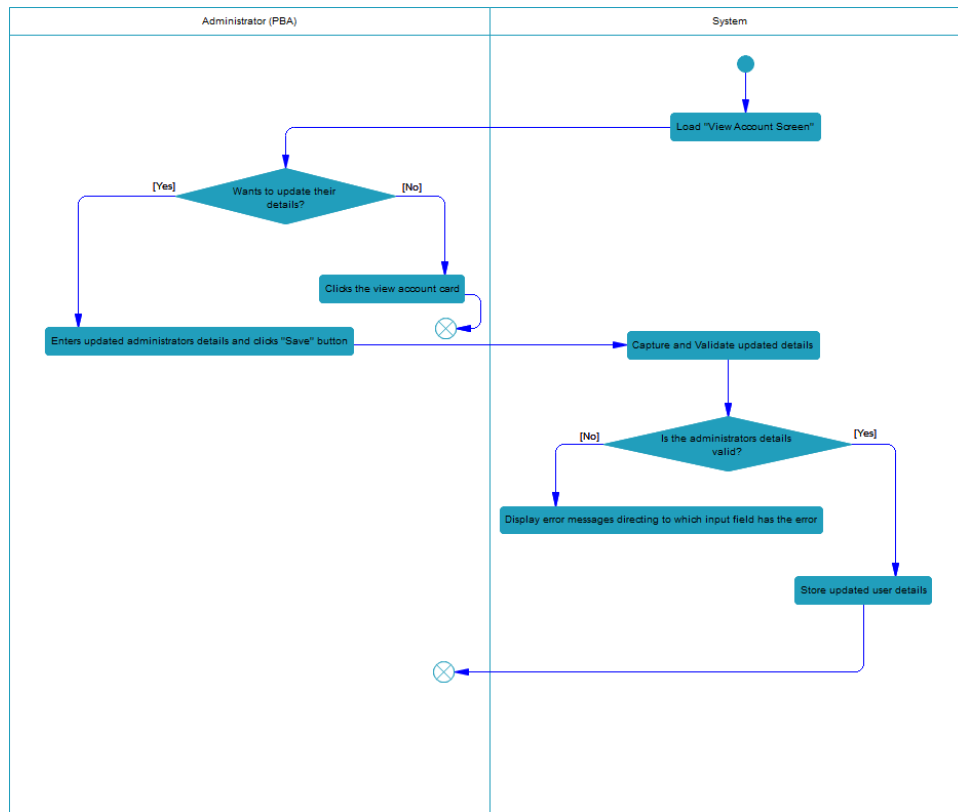


Figure 53: 6.24 View Account Activity Diagram



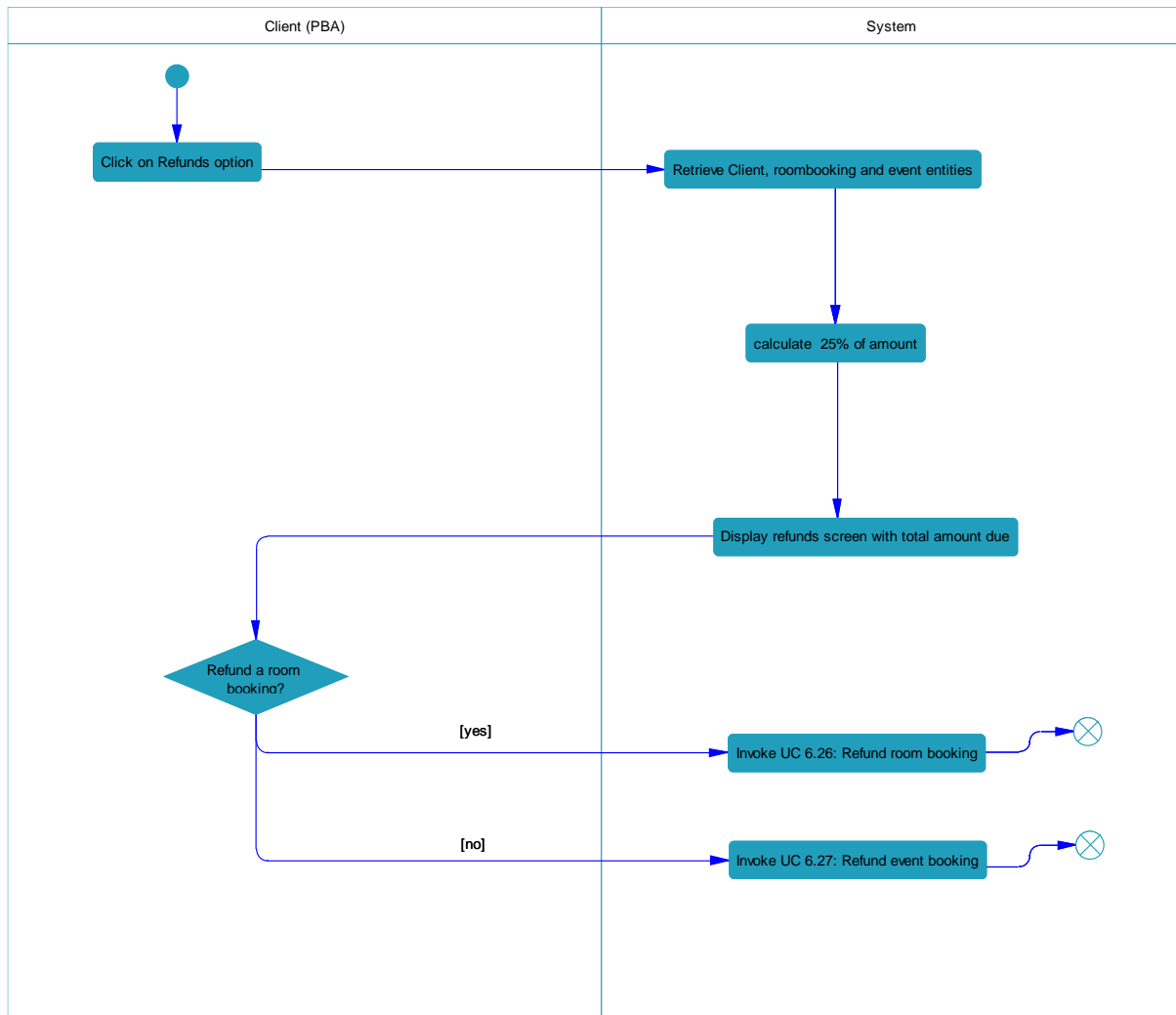


Figure 54: 6.25 View Refunds Activity Diagram



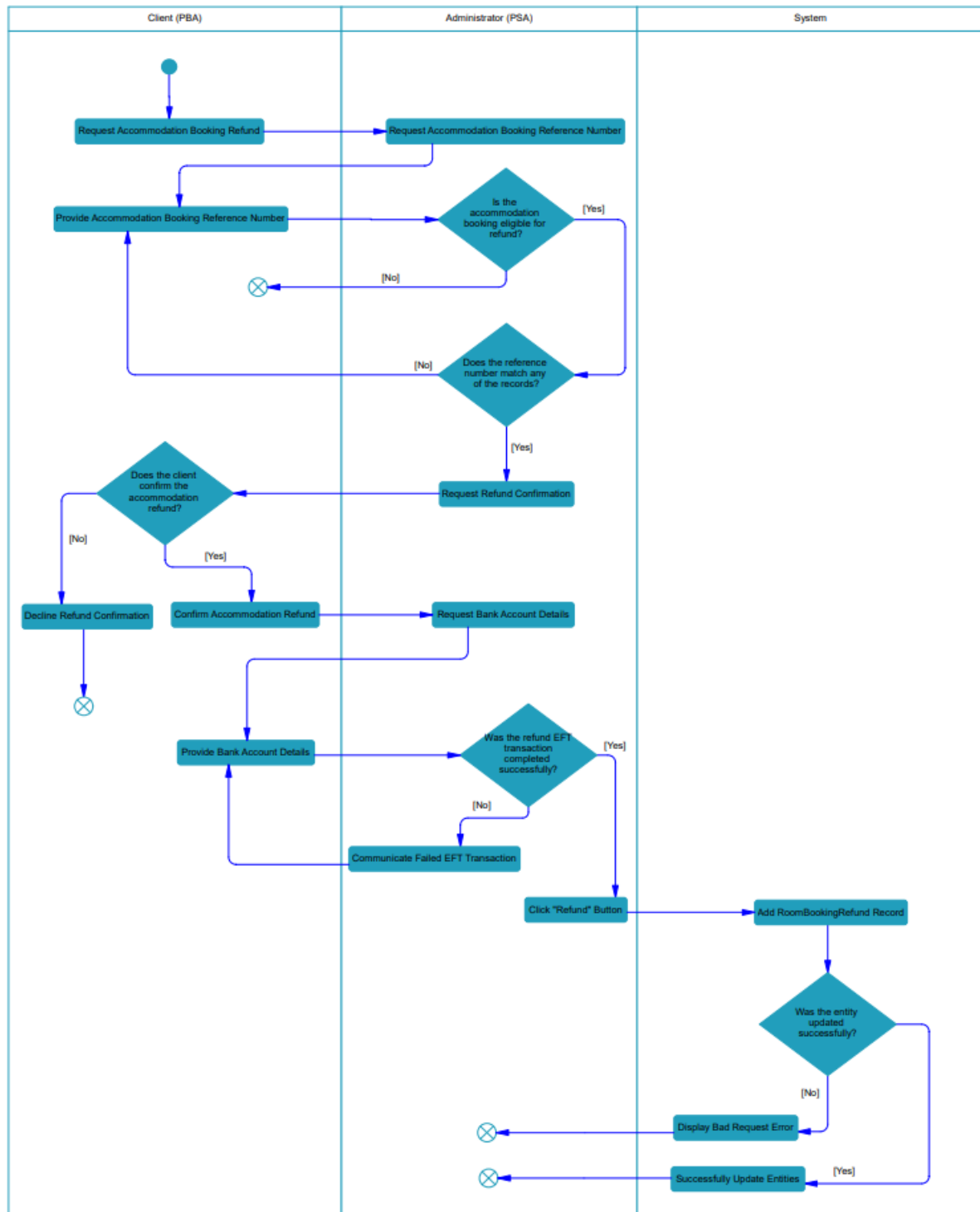


Figure 55: 6.26 Refund Room Booking Activity Diagram



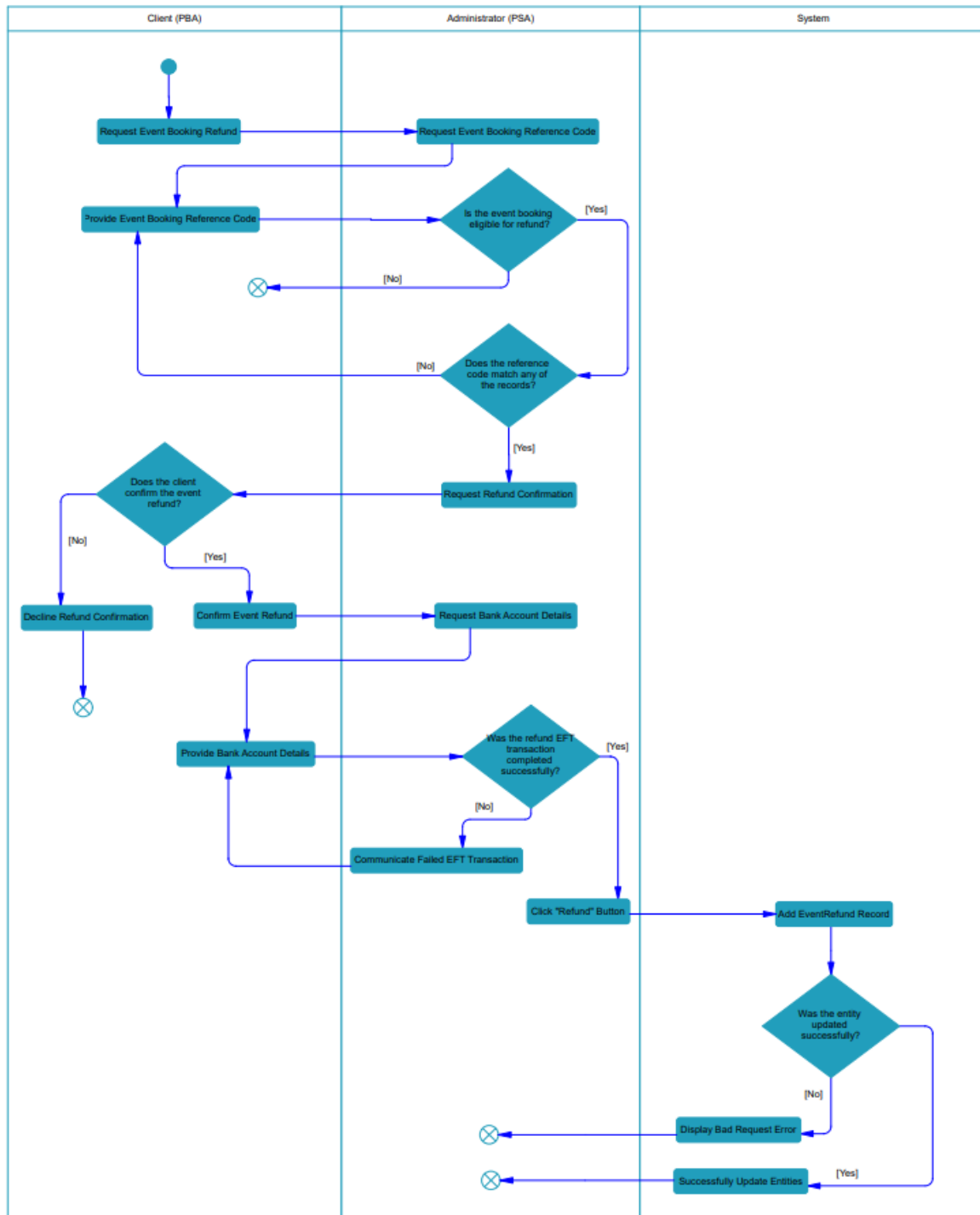


Figure 56: 6.27 Refund Event Booking Activity Diagram



2.7. Subsystem 7 – Inventory

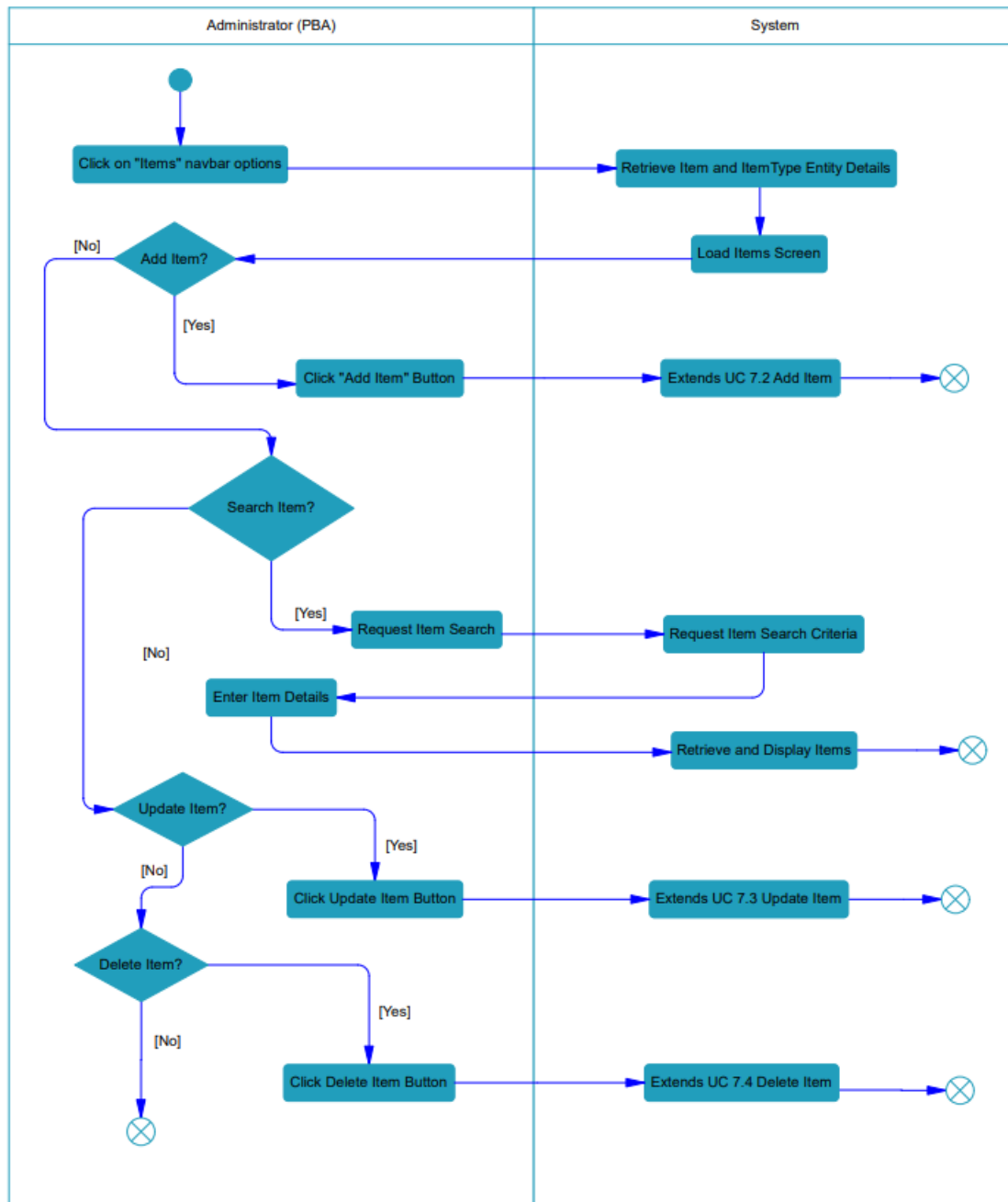


Figure 57: 7.1 View Item Activity Diagram



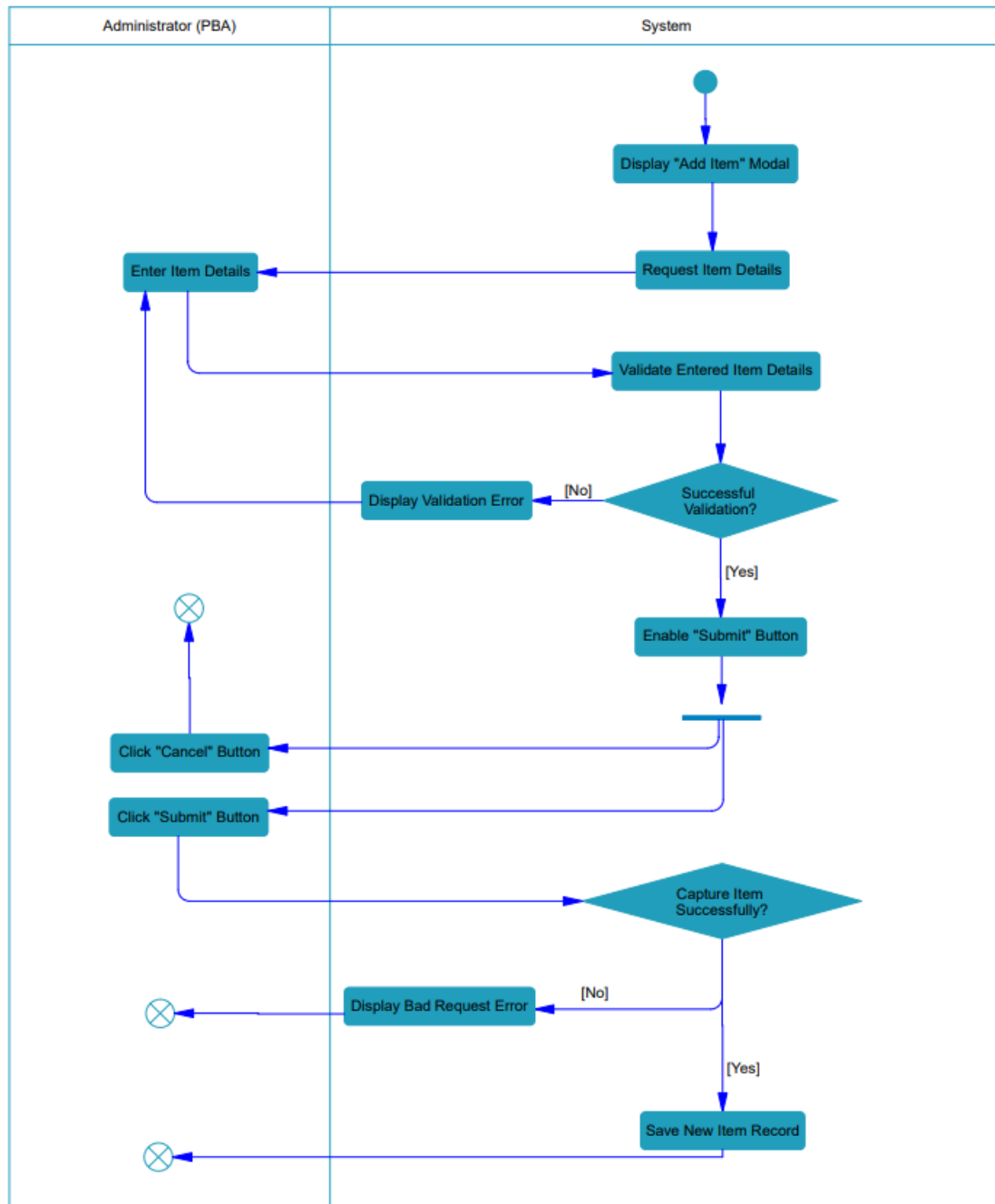


Figure 58: 7.2 Add Item Activity Diagram



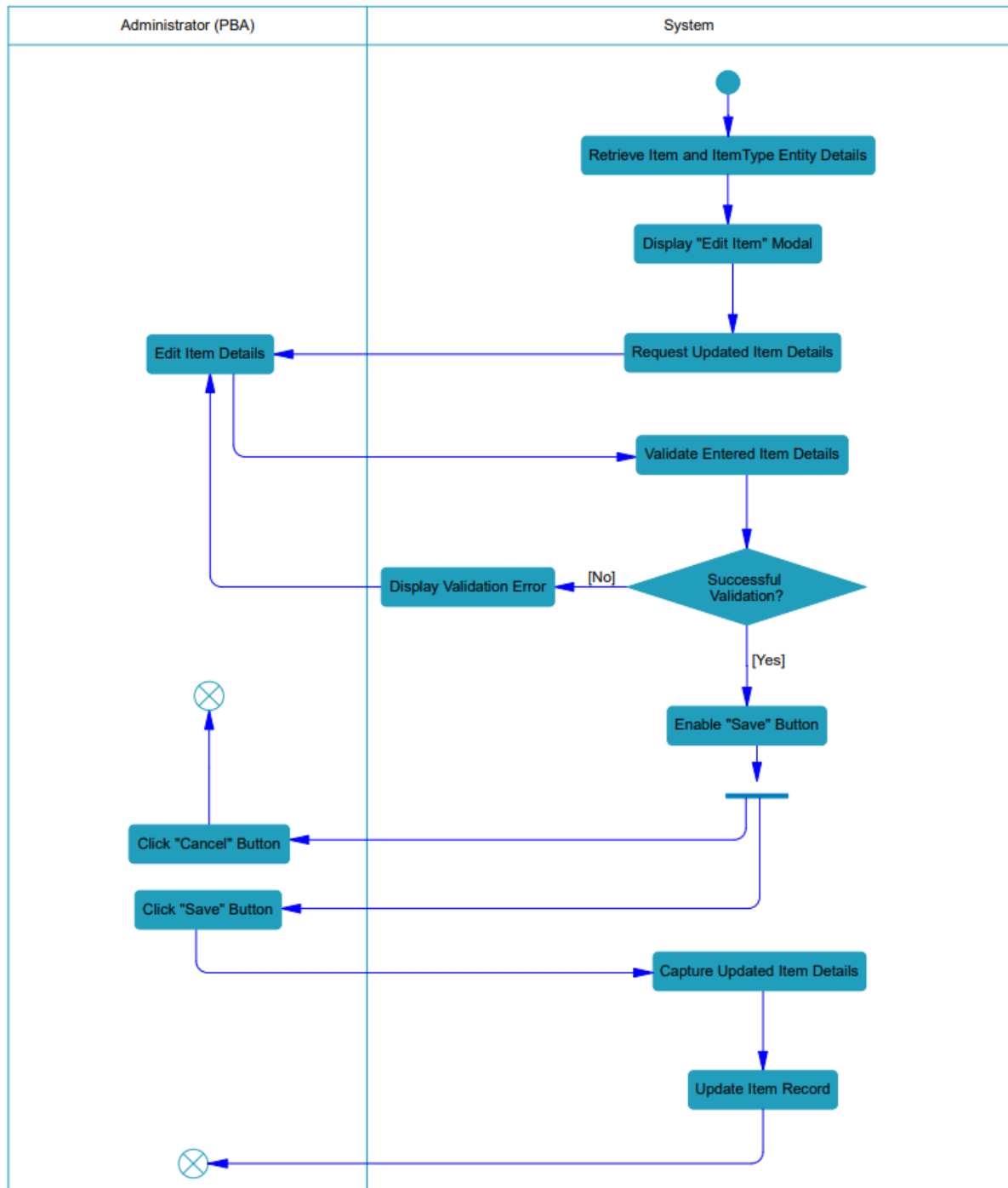


Figure 59: 7.3 Update Item Activity Diagram



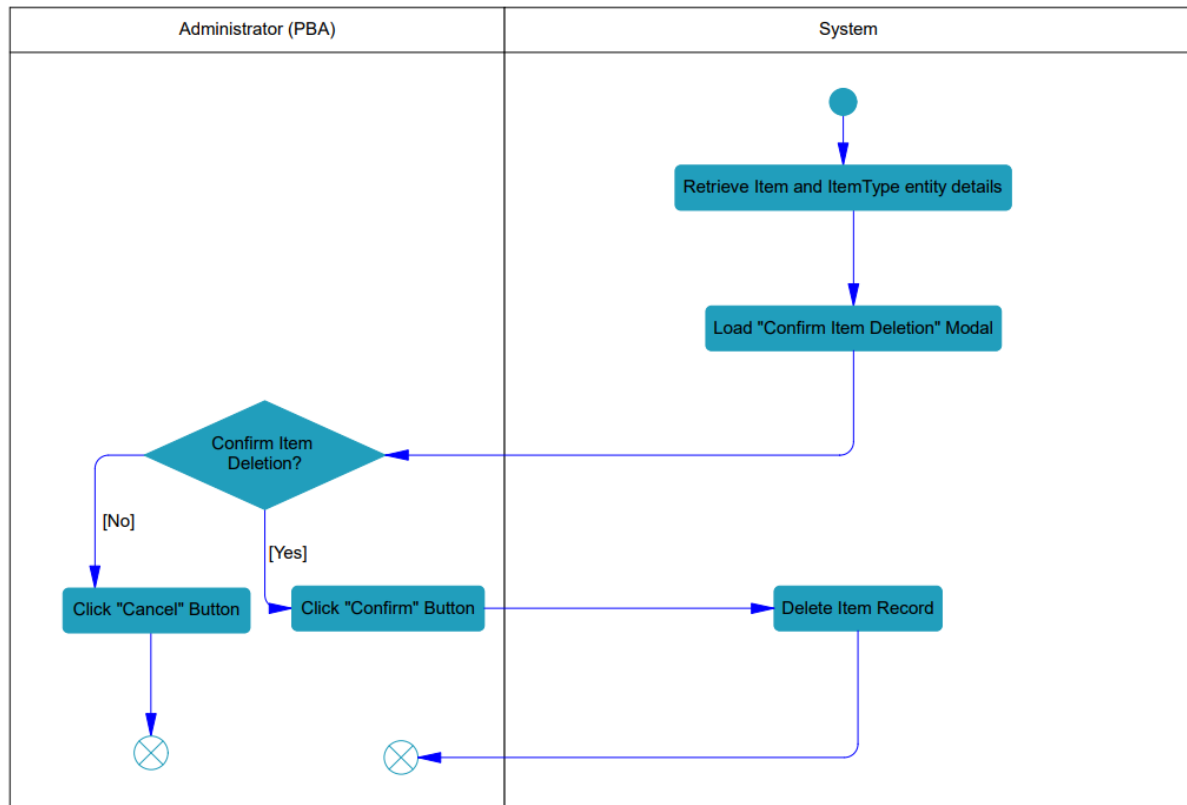


Figure 60: 7.4 Delete Item Activity Diagram



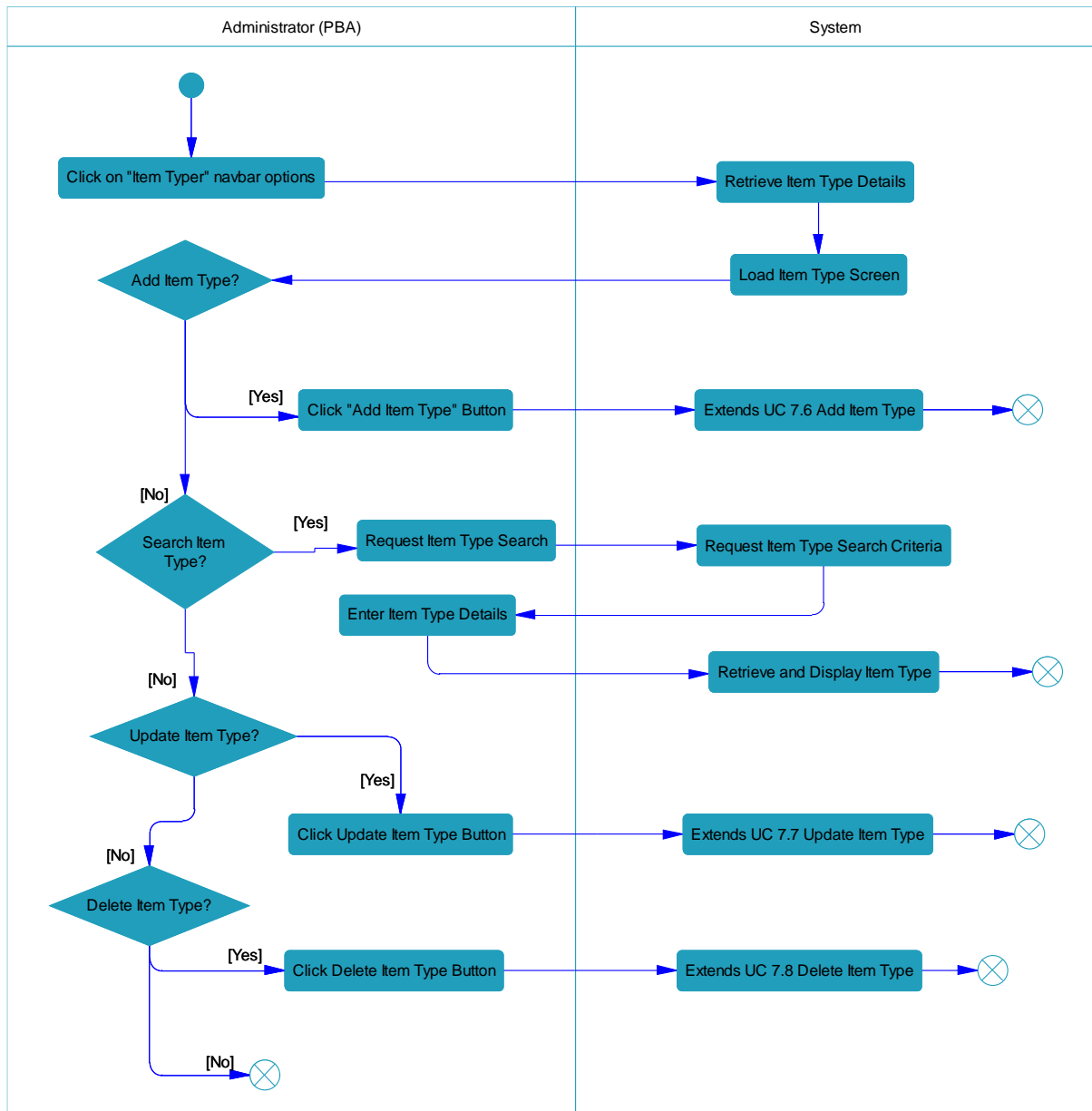


Figure 61: 7.5 View Item Type Activity Diagram



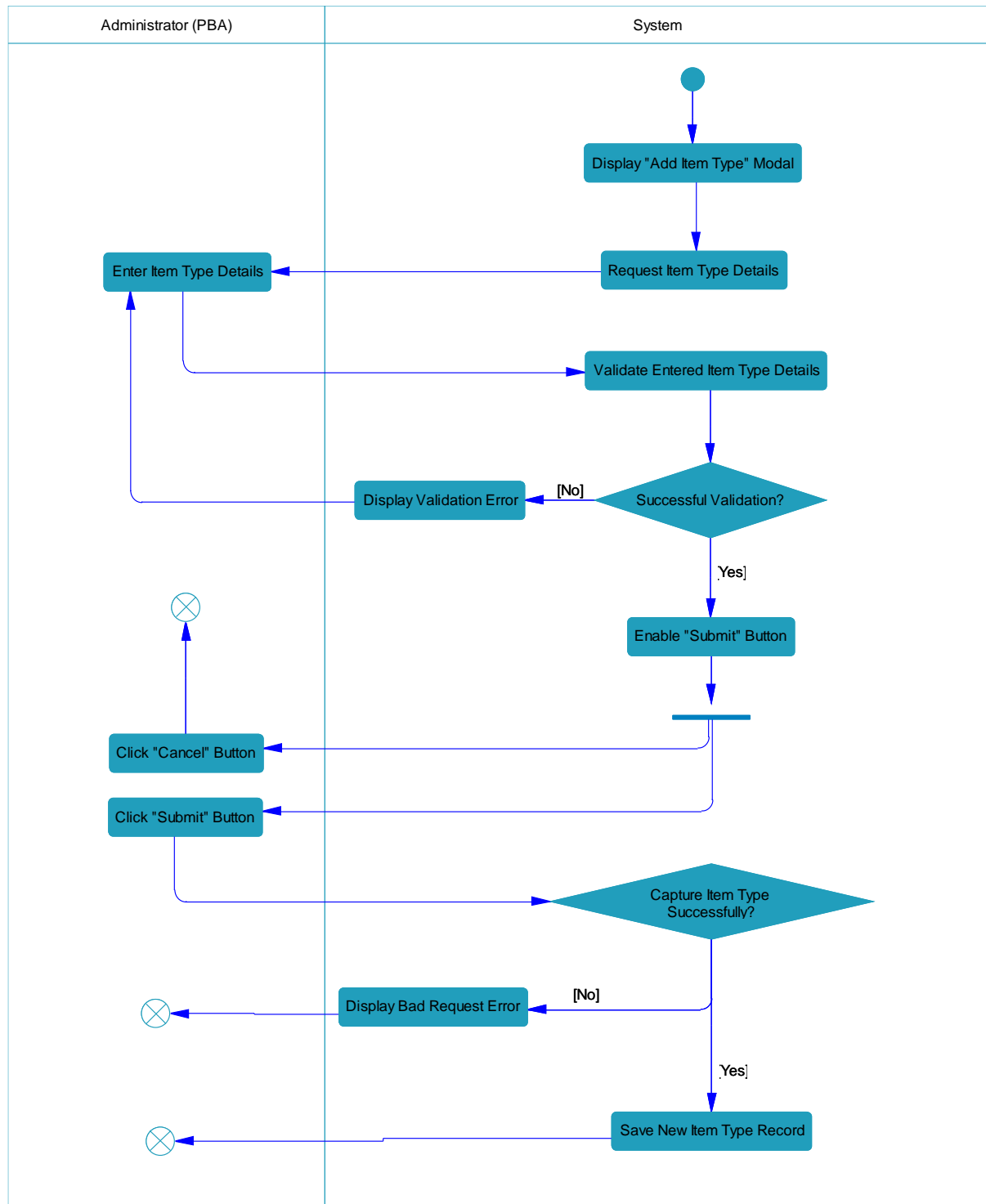


Figure 62: 7.6 Add Item Type Activity Diagram



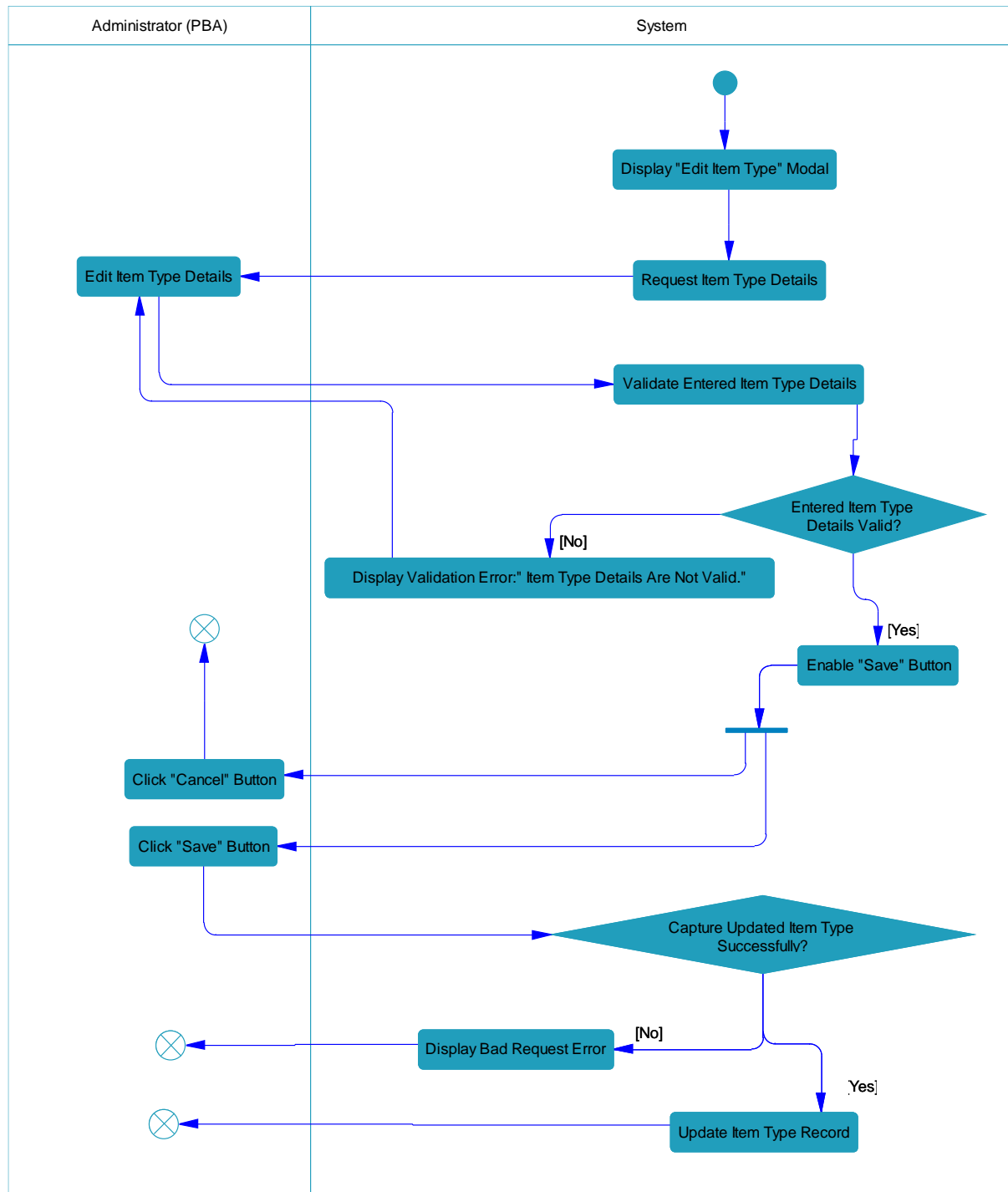


Figure 63: 7.7 Update Item Type Activity Diagram



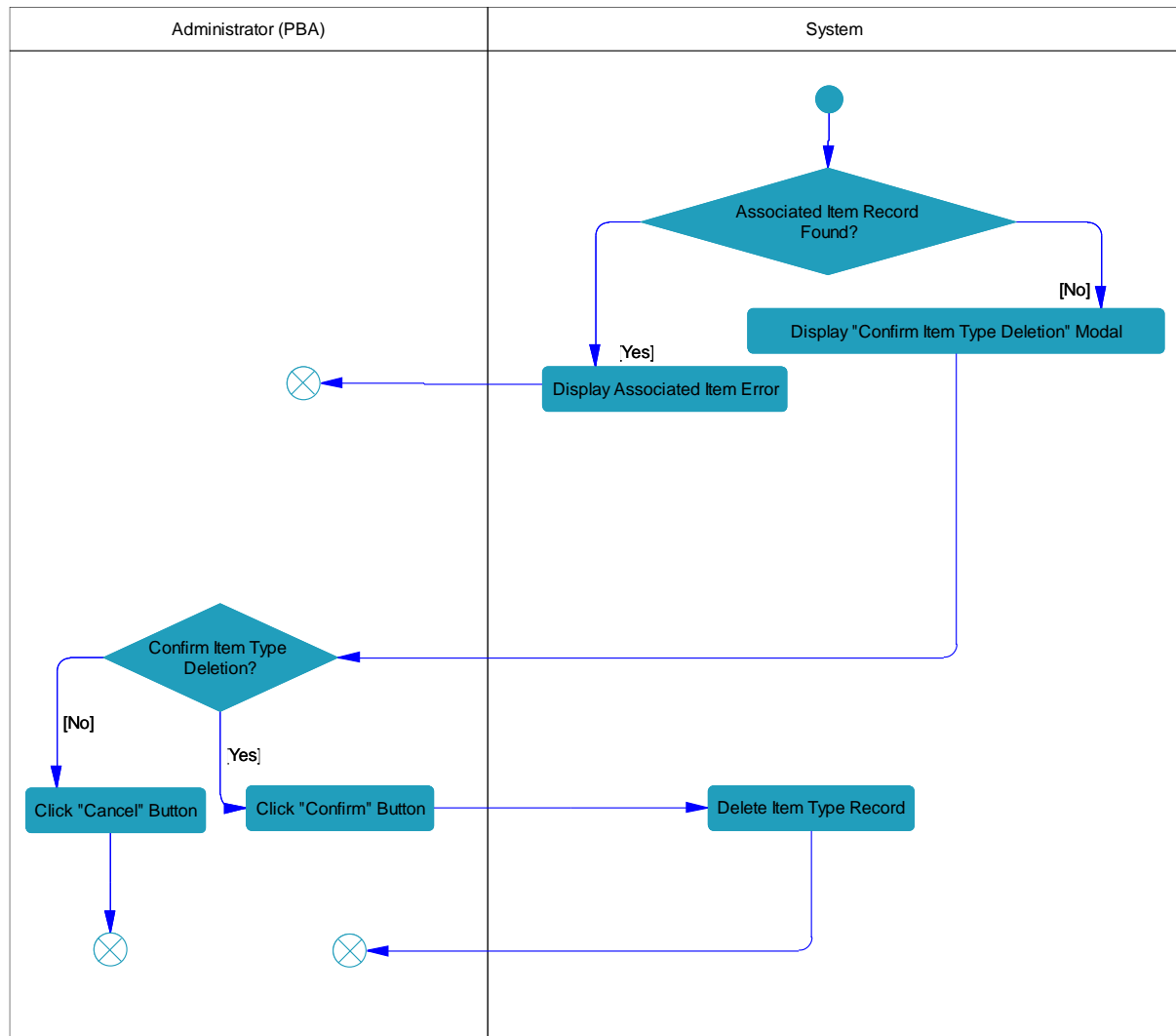


Figure 64: 7.8 Delete Item Type Activity Diagram



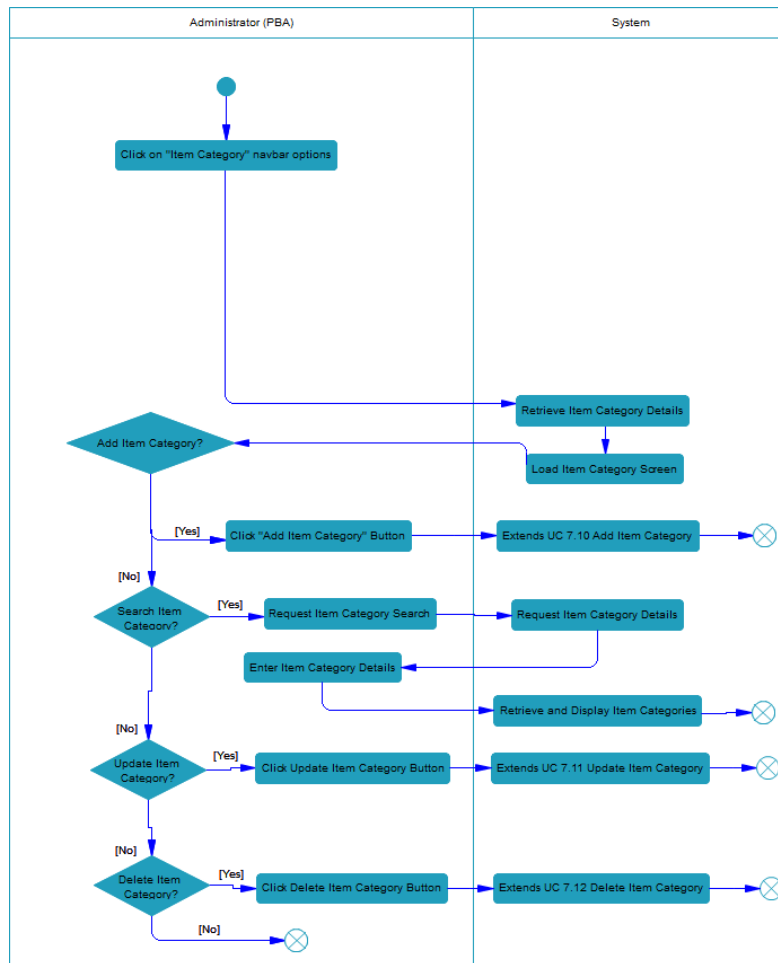


Figure 65: 7.9 View Item Category Activity Diagram



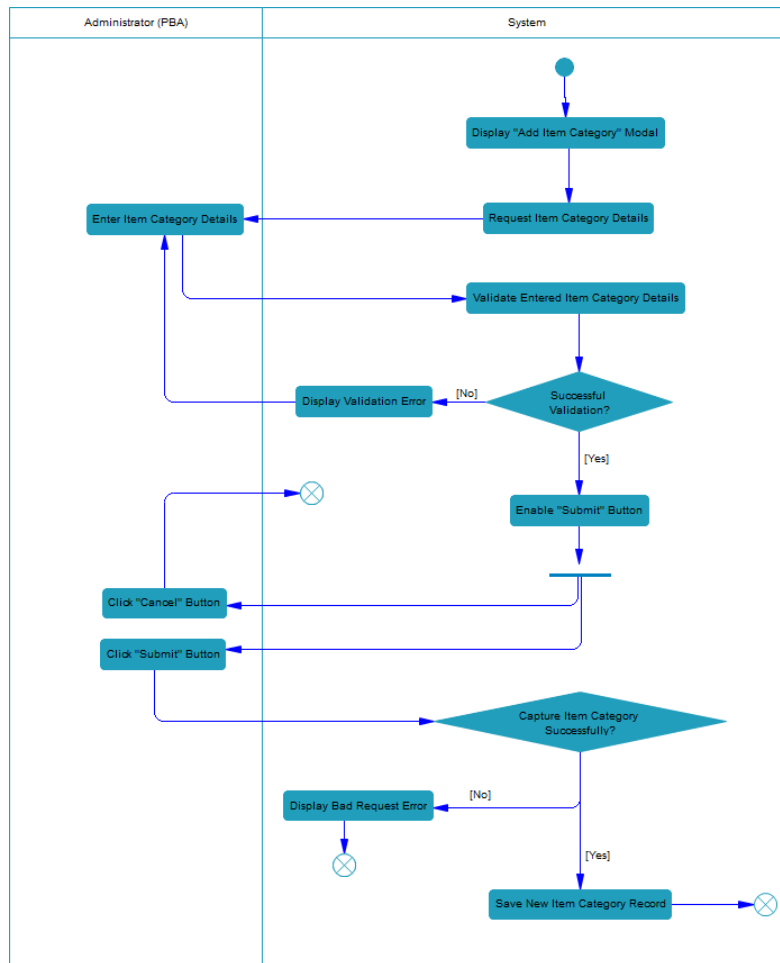


Figure 66: 7.10 Add Item Category Activity Diagram



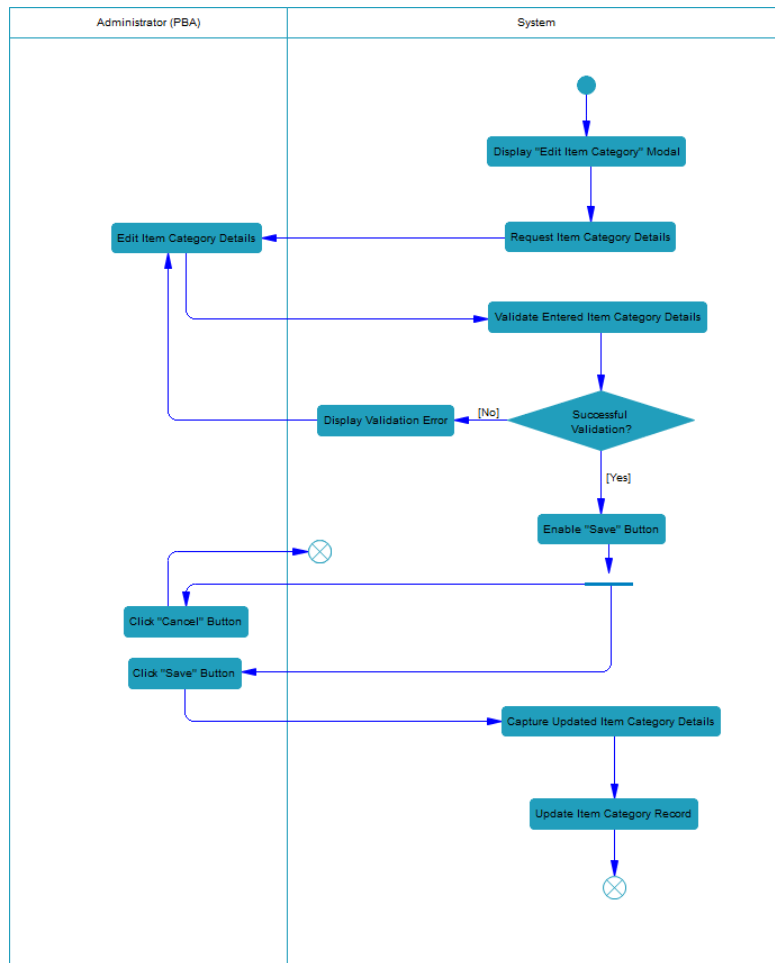


Figure 67: 7.11 Update Item Category Activity Diagram



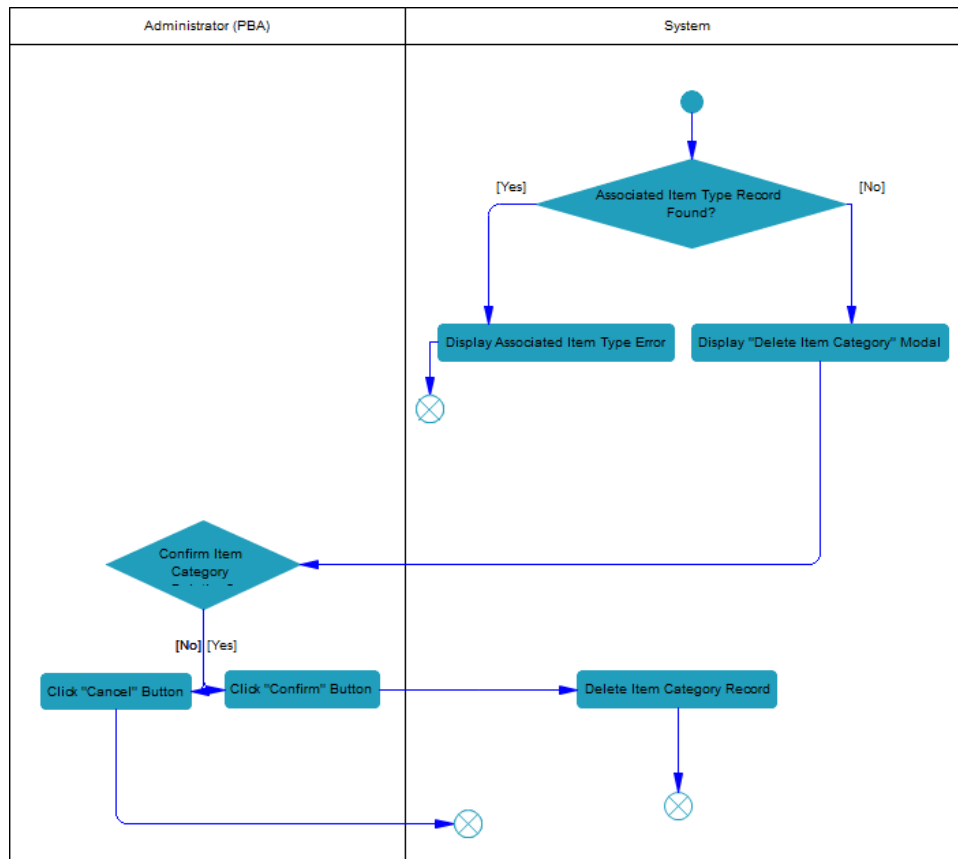


Figure 68: 7.12 Delete Item Category Activity Diagram



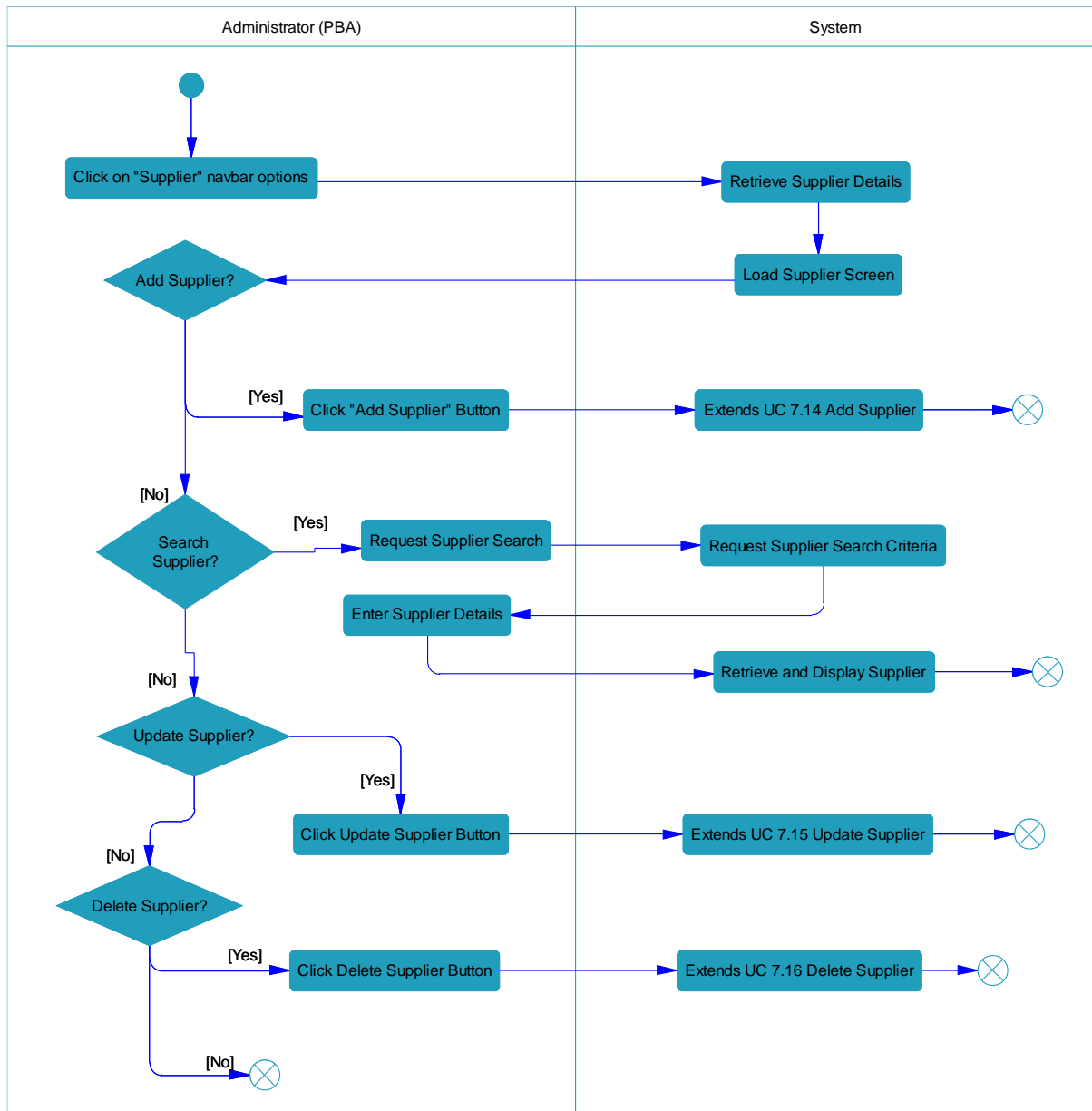


Figure 69: 7.13 View Supplier Activity Diagram



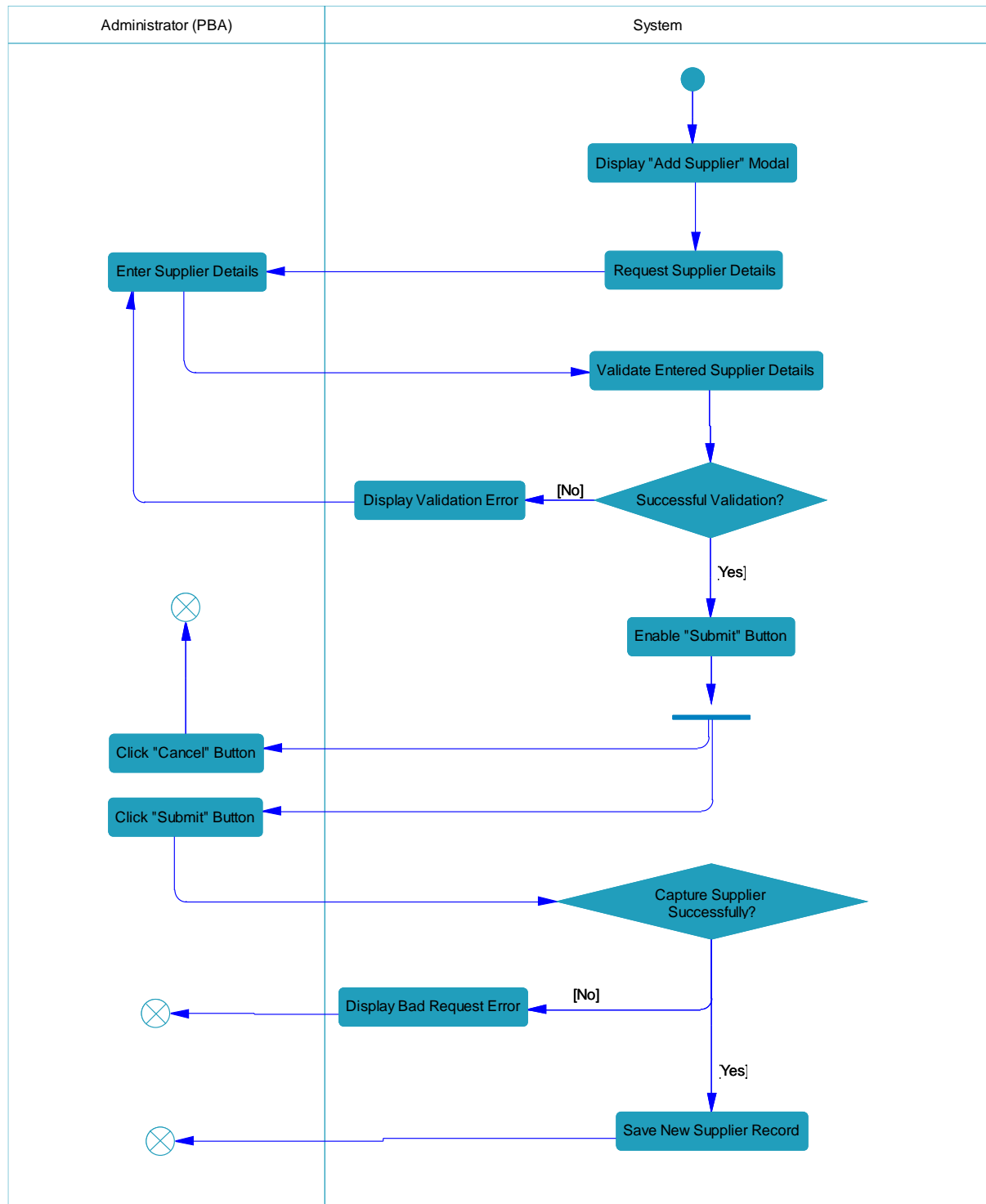


Figure 70: 7.14 Add Supplier Activity Diagram



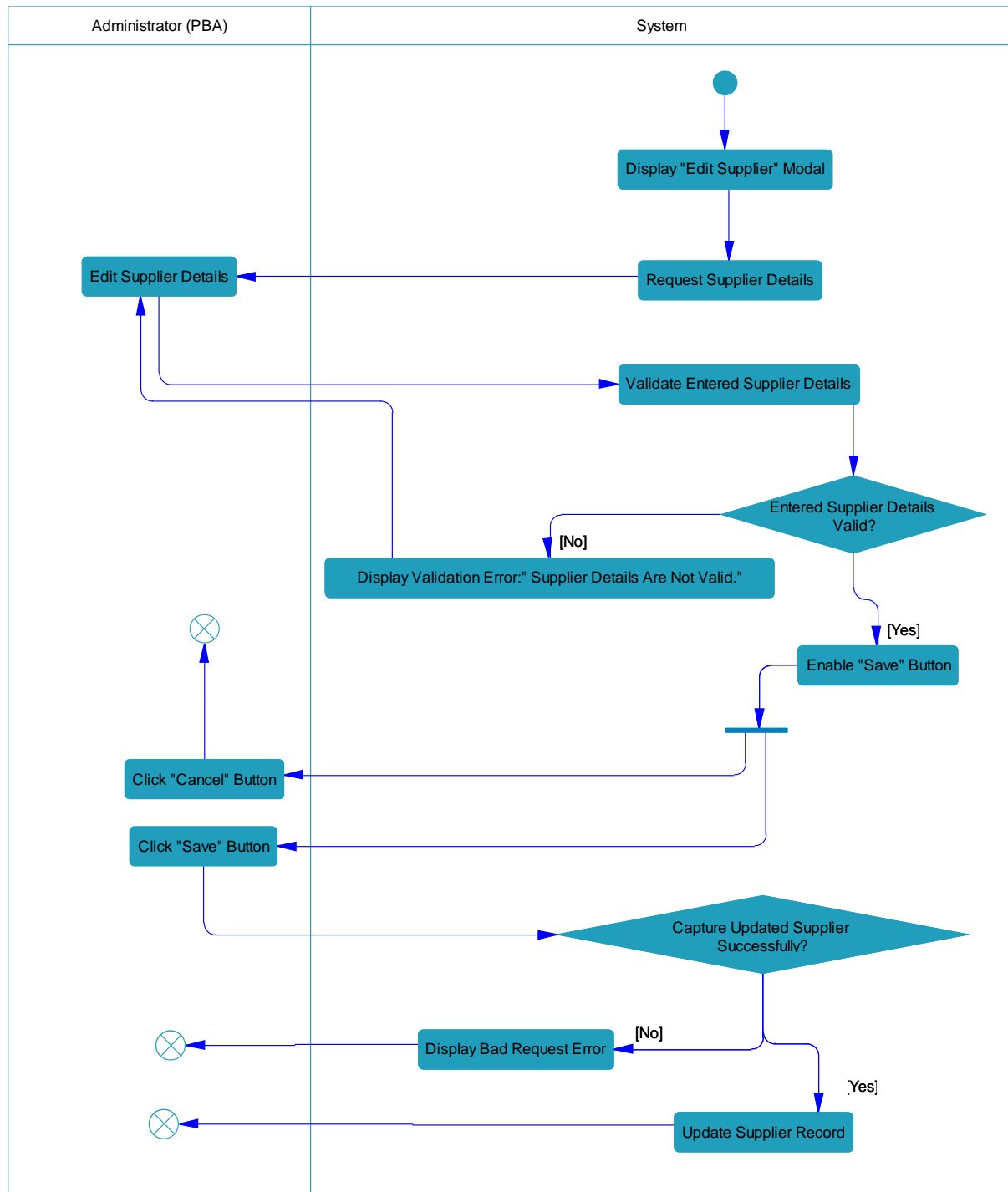


Figure 71: 7.15 Update Supplier Activity Diagram



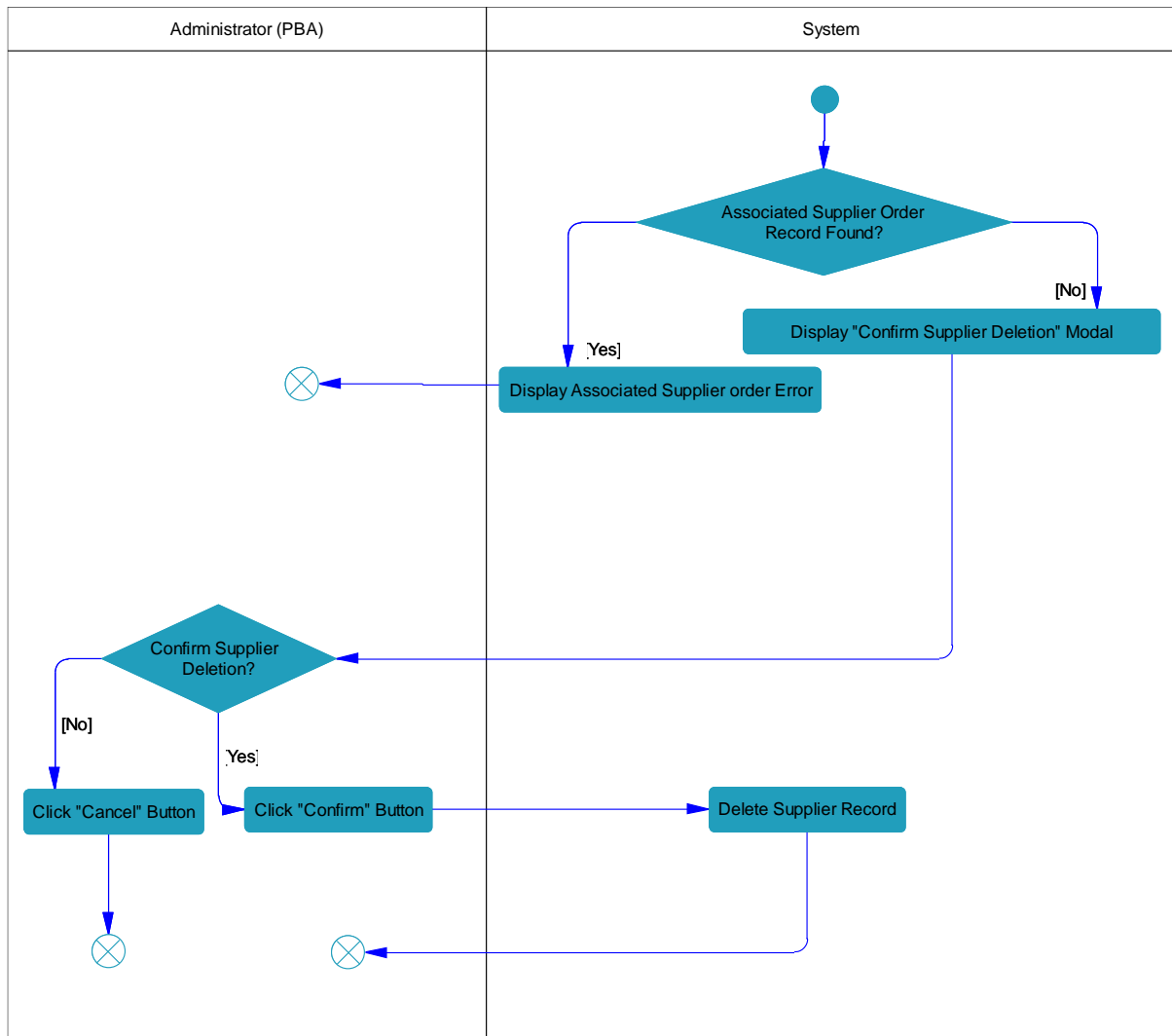


Figure 72: 7.16 Delete Supplier Activity Diagram



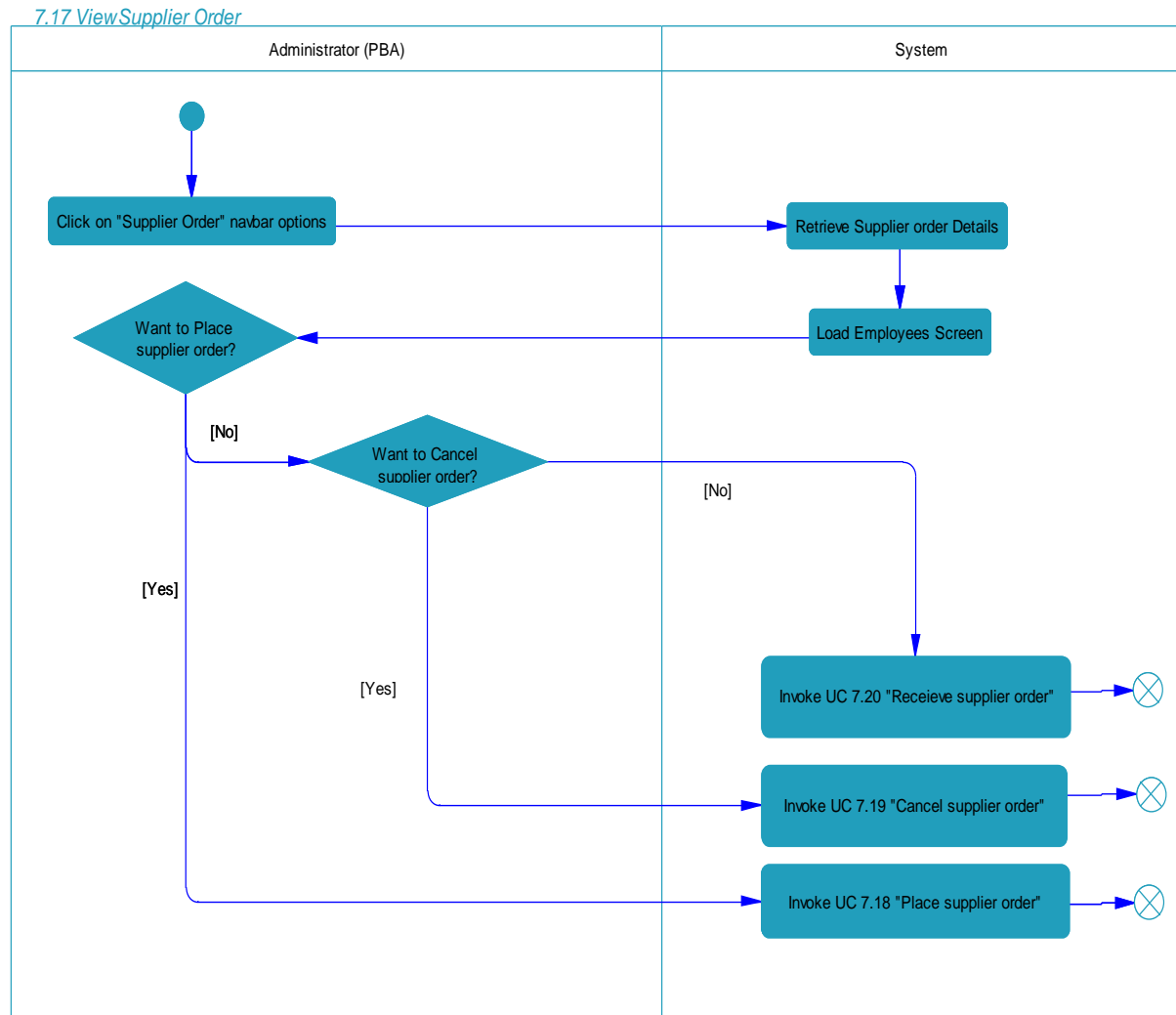


Figure 73: 7.17 View Supplier Order Activity Diagram



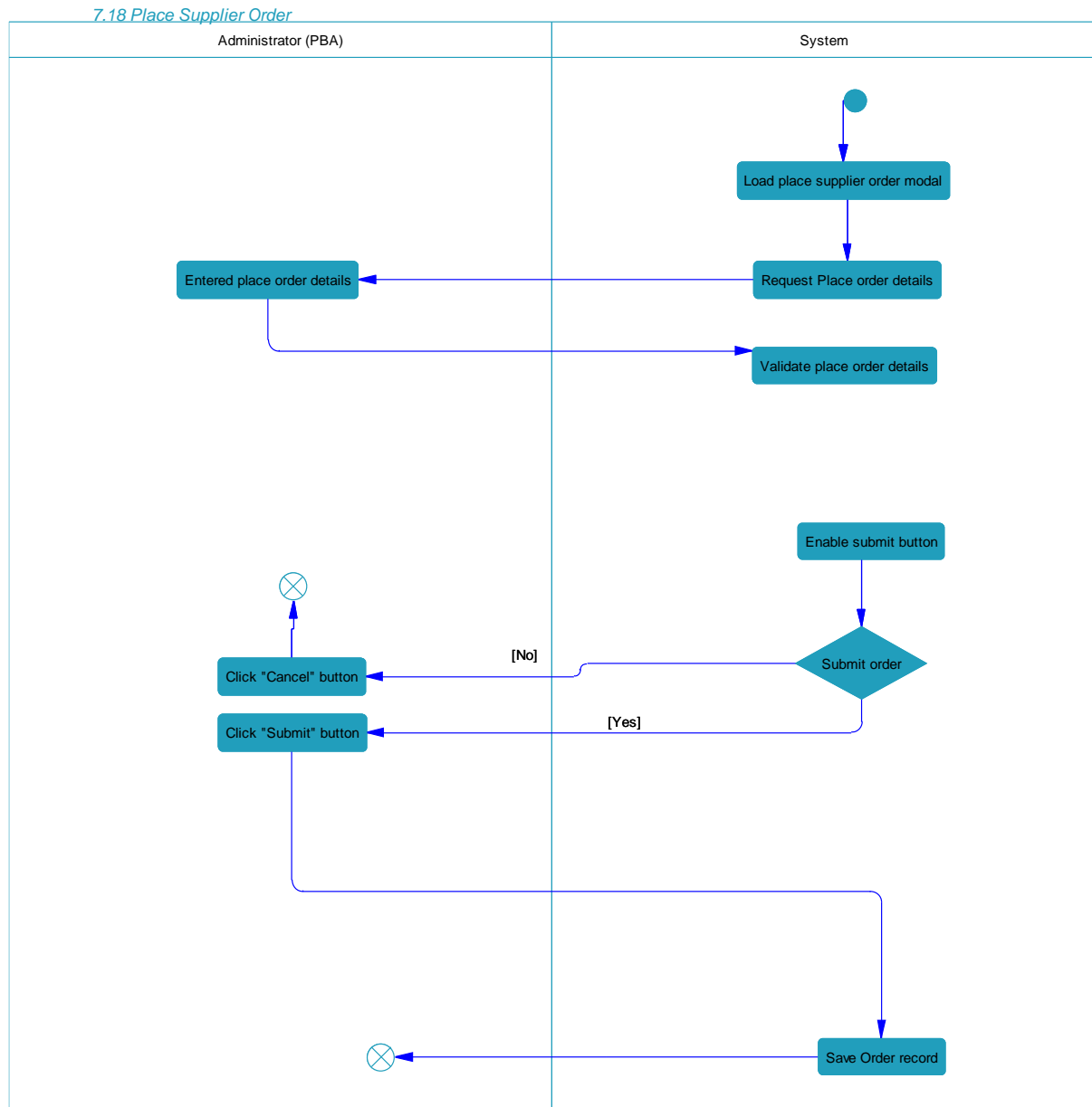


Figure 74: 7.18 Place Supplier Order Activity Diagram



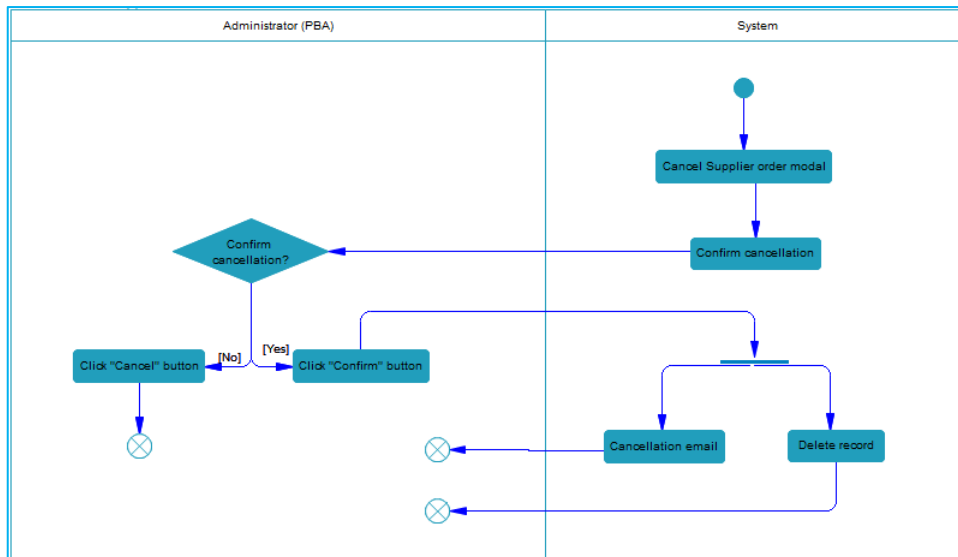


Figure 75: 7.19 Cancel Supplier Order Activity Diagram

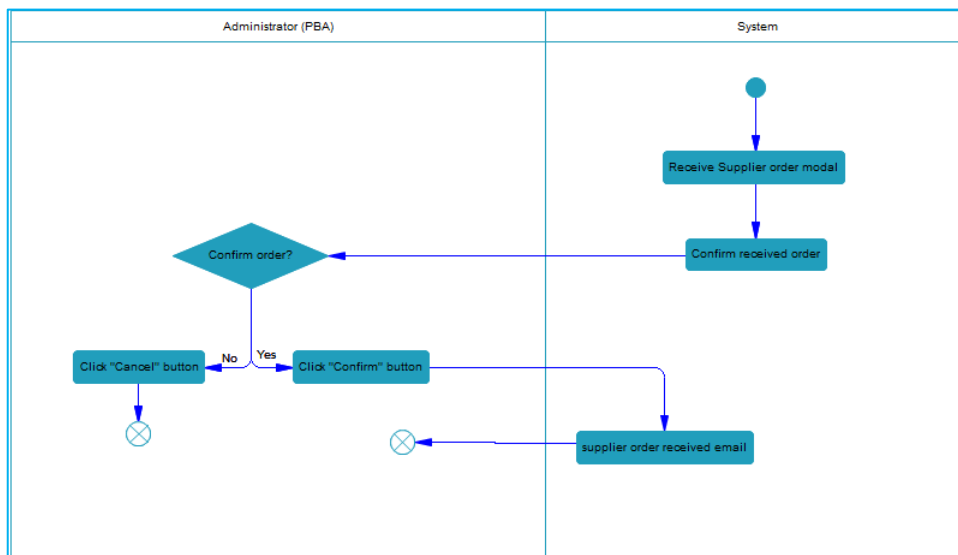


Figure 76: 7.20 Receive Supplier Order Activity Diagram



2.8. Subsystem 8 - Reports



Figure 77: 8.1 View Reports Activity Diagram



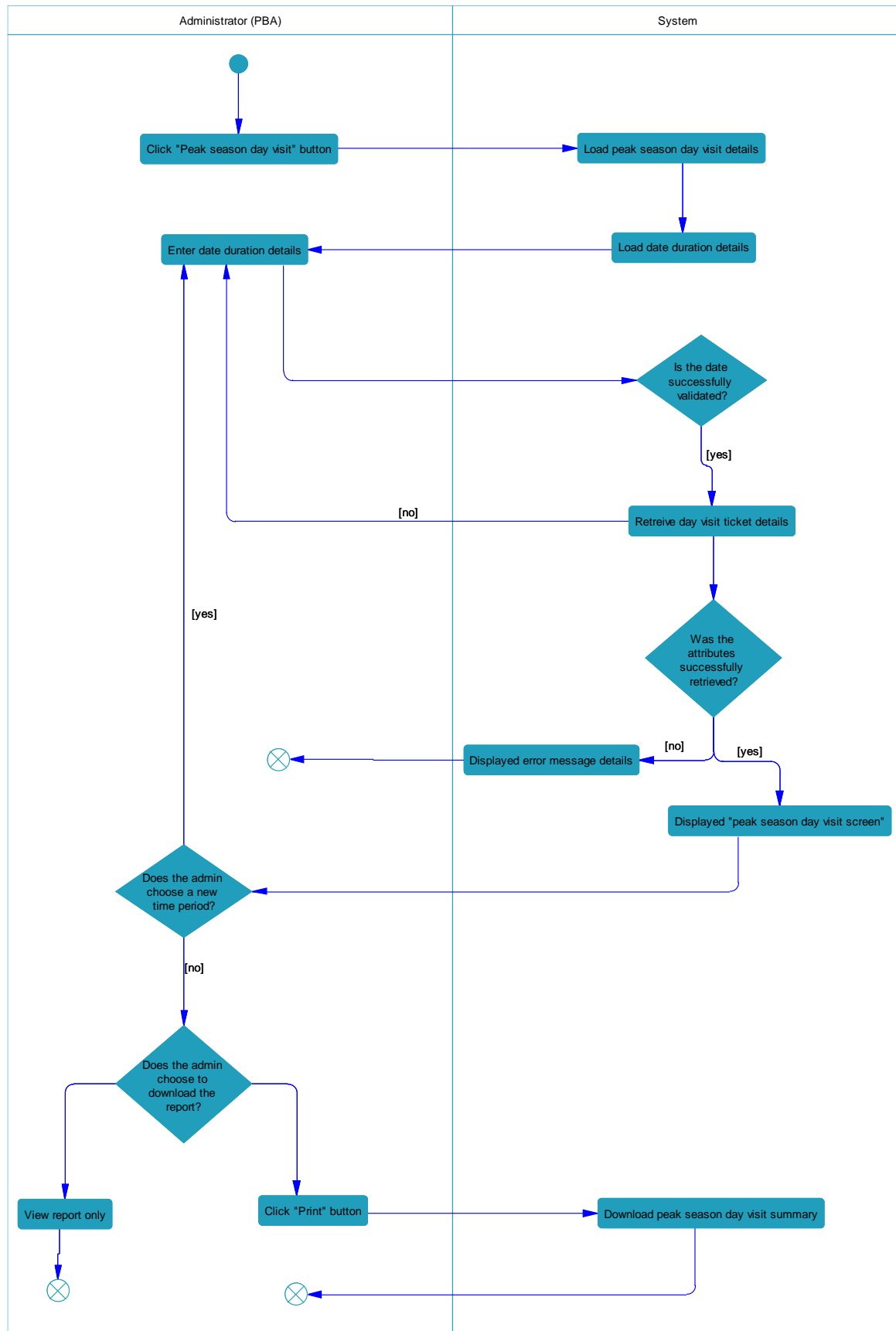


Figure 78: 8.2 Generate Peak Season Day Visit Summary Activity Diagram



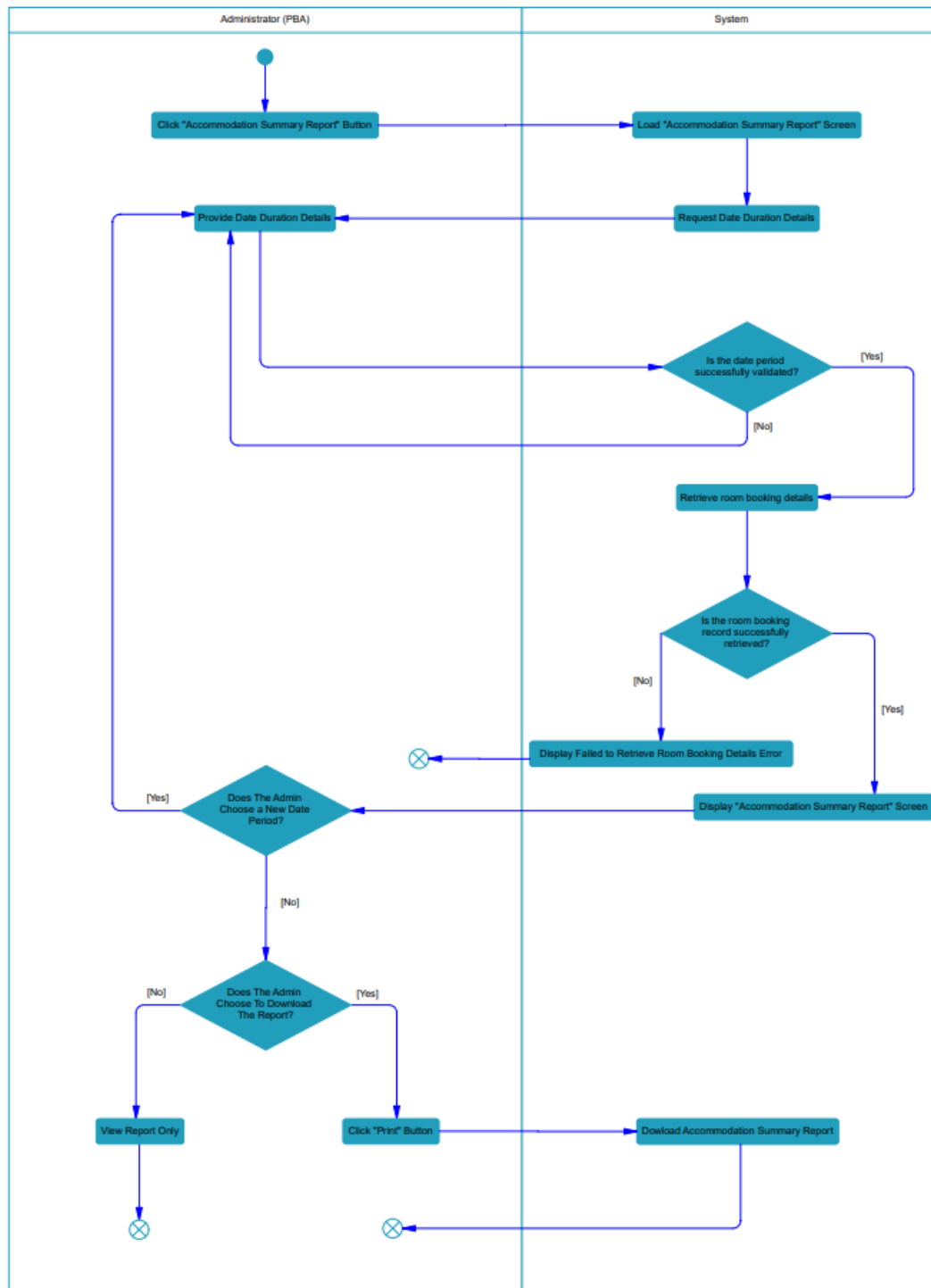


Figure 79: 8.3 Generate Accommodation Summary Report Activity Diagram



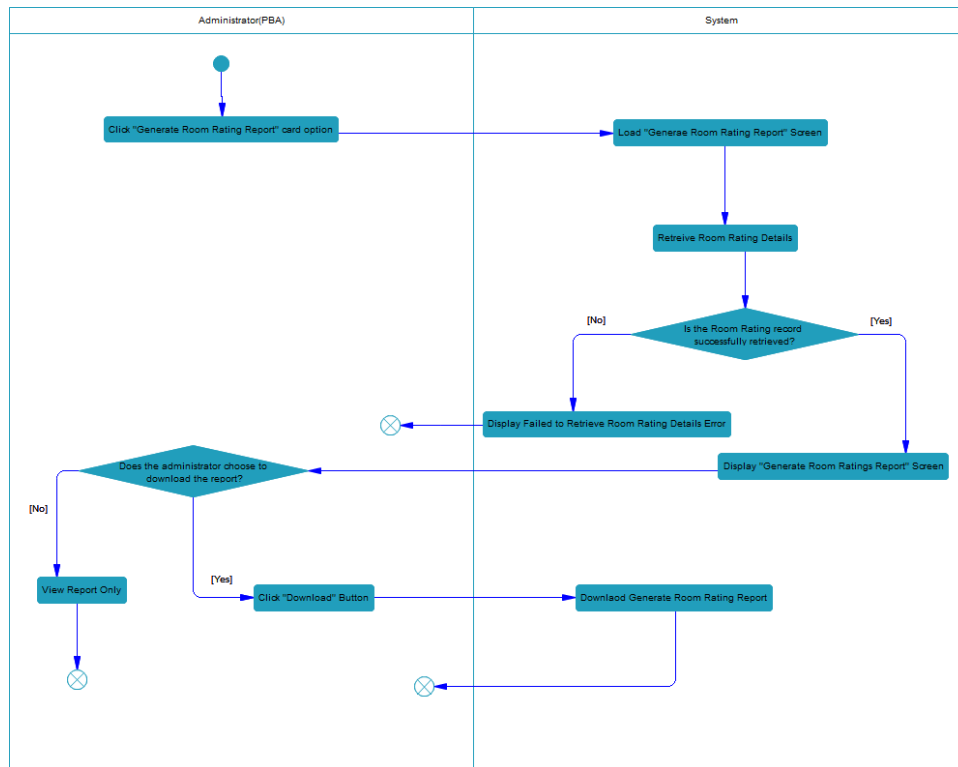


Figure 80: 8.4 Generate Room Rating Report Activity Diagram



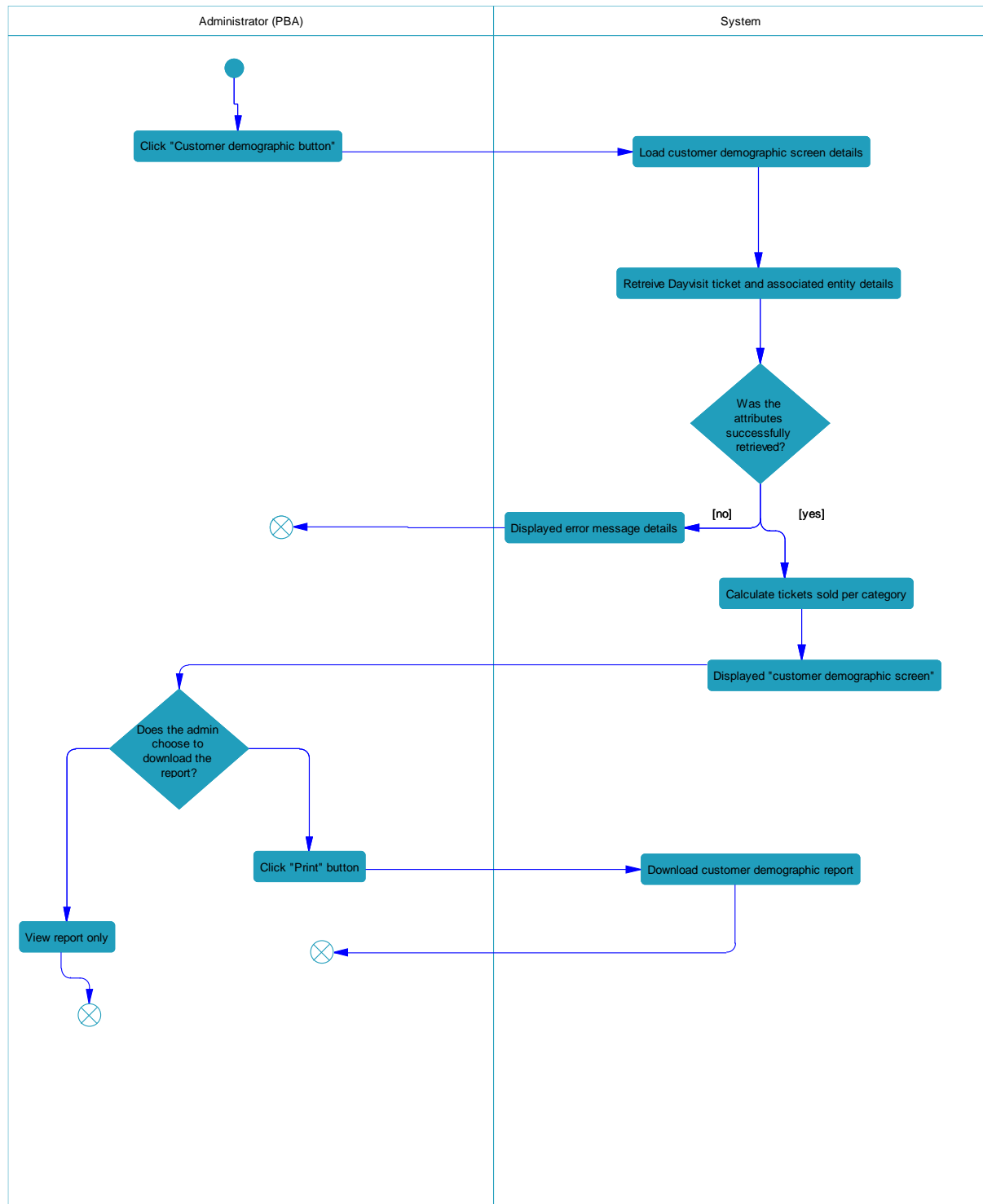


Figure 81: 8.5 Generate Customer Demographic Report Activity Diagram



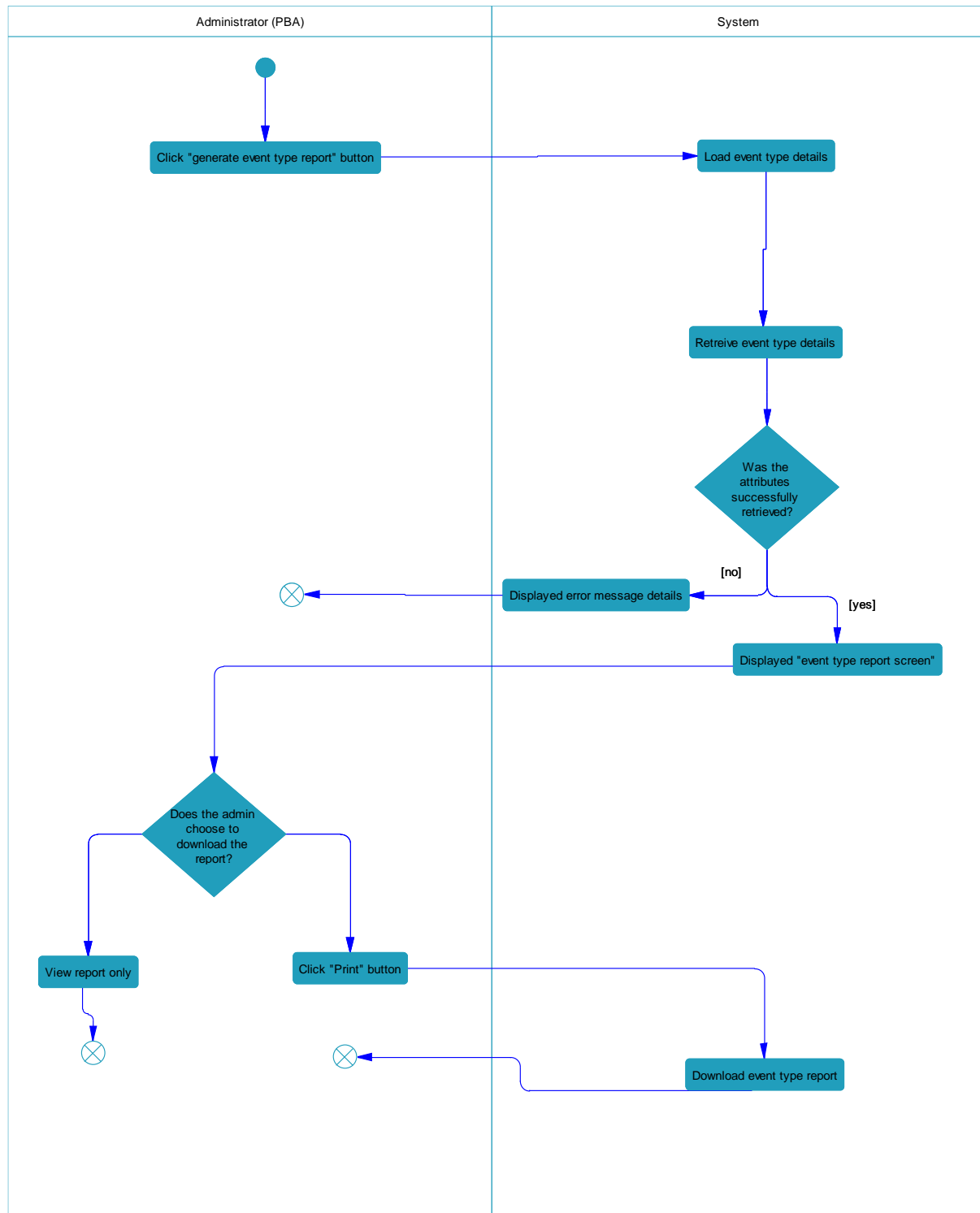


Figure 82: 8.6 Generate Event Type Report Activity Diagram



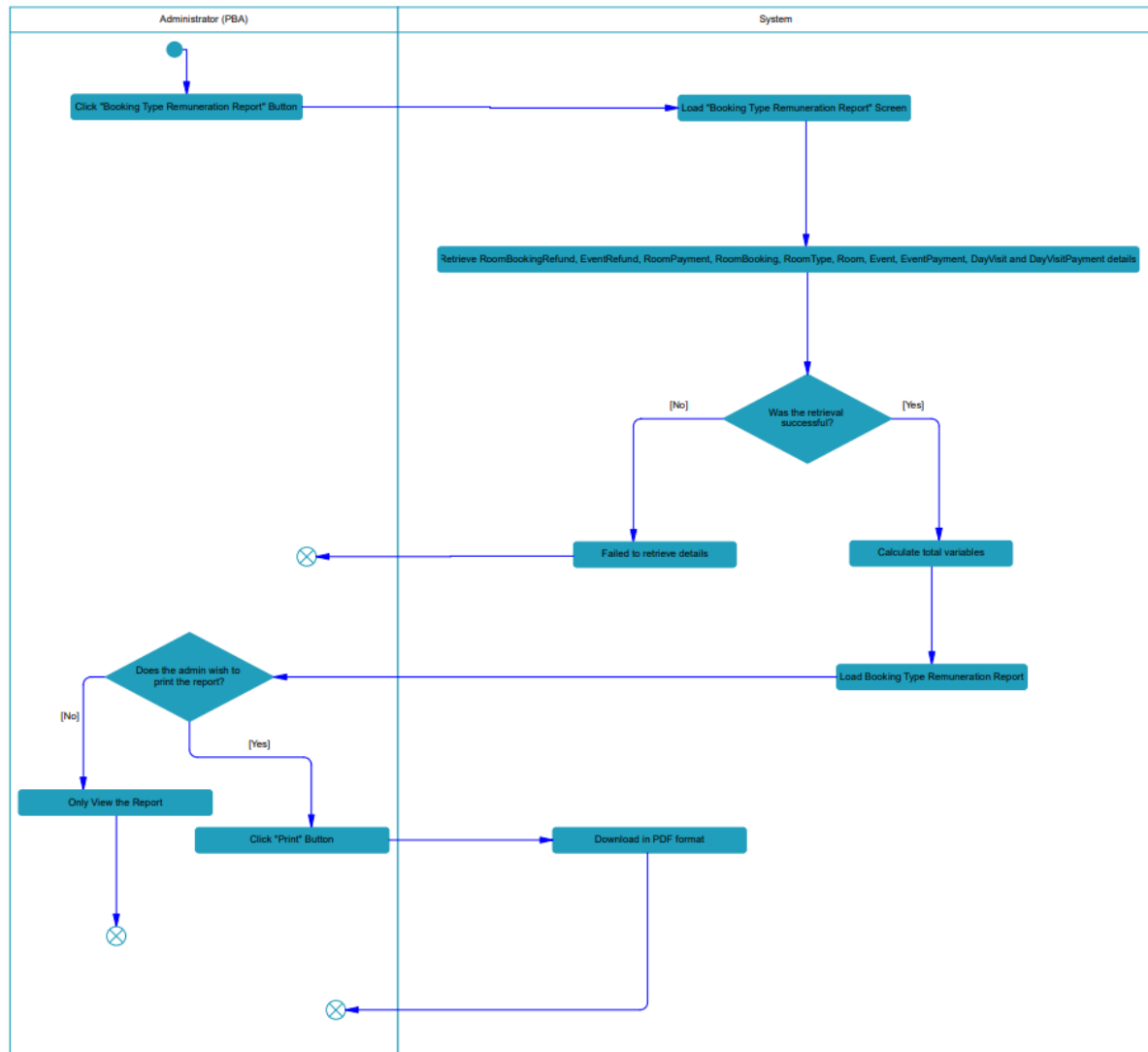


Figure 83: 8.7 Generate Booking Type Remuneration Report Activity Diagram



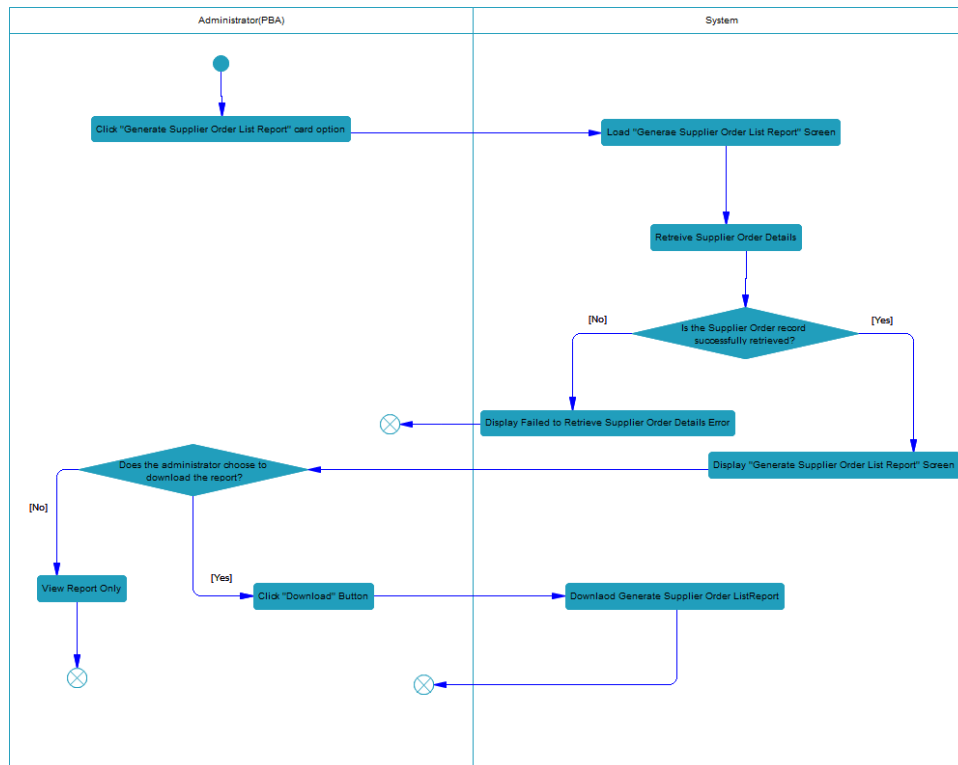


Figure 84: 8.8 Generate Supplier Order Report Activity Diagram



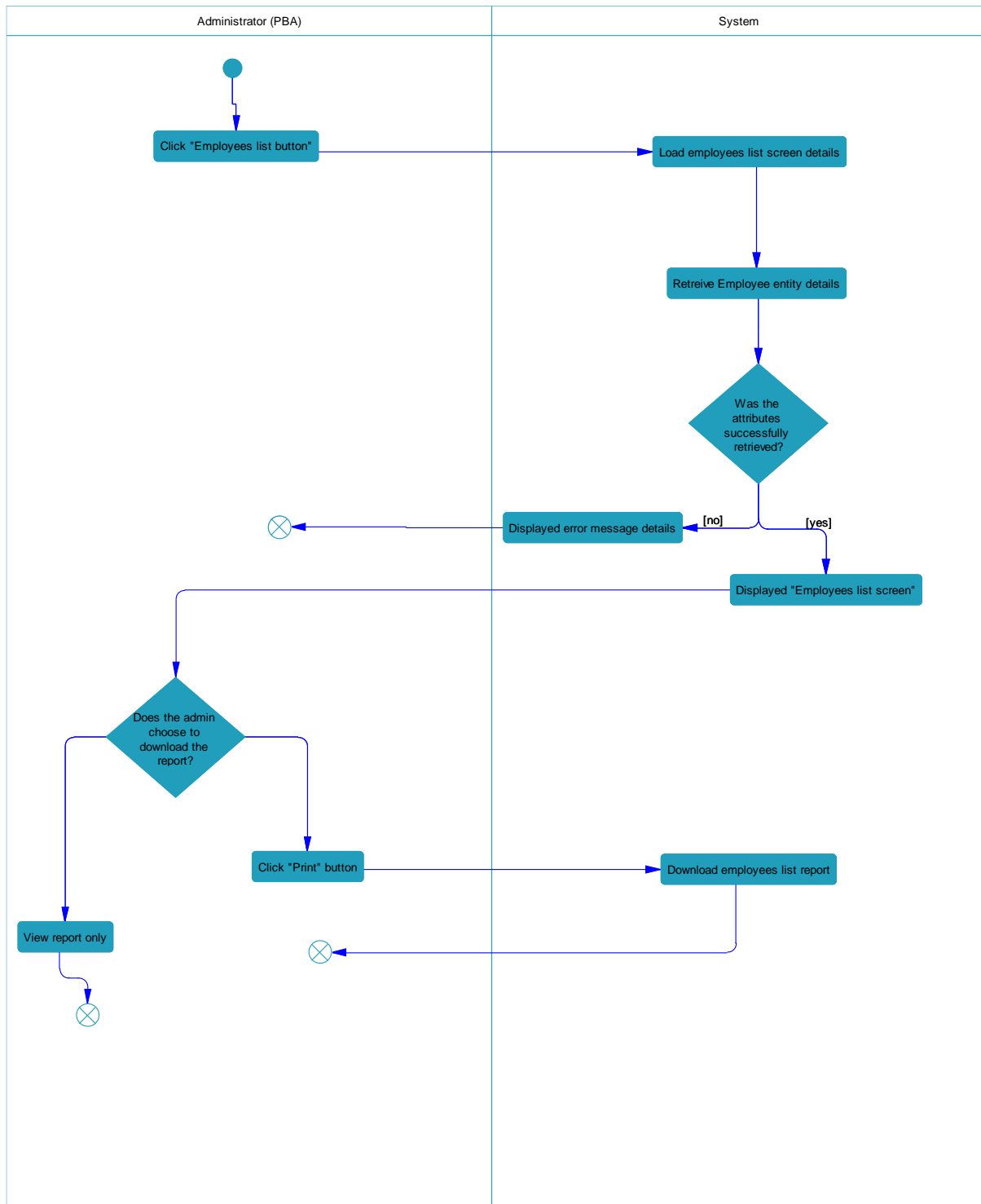


Figure 85: 8.9 Generate Employee List Activity Diagram



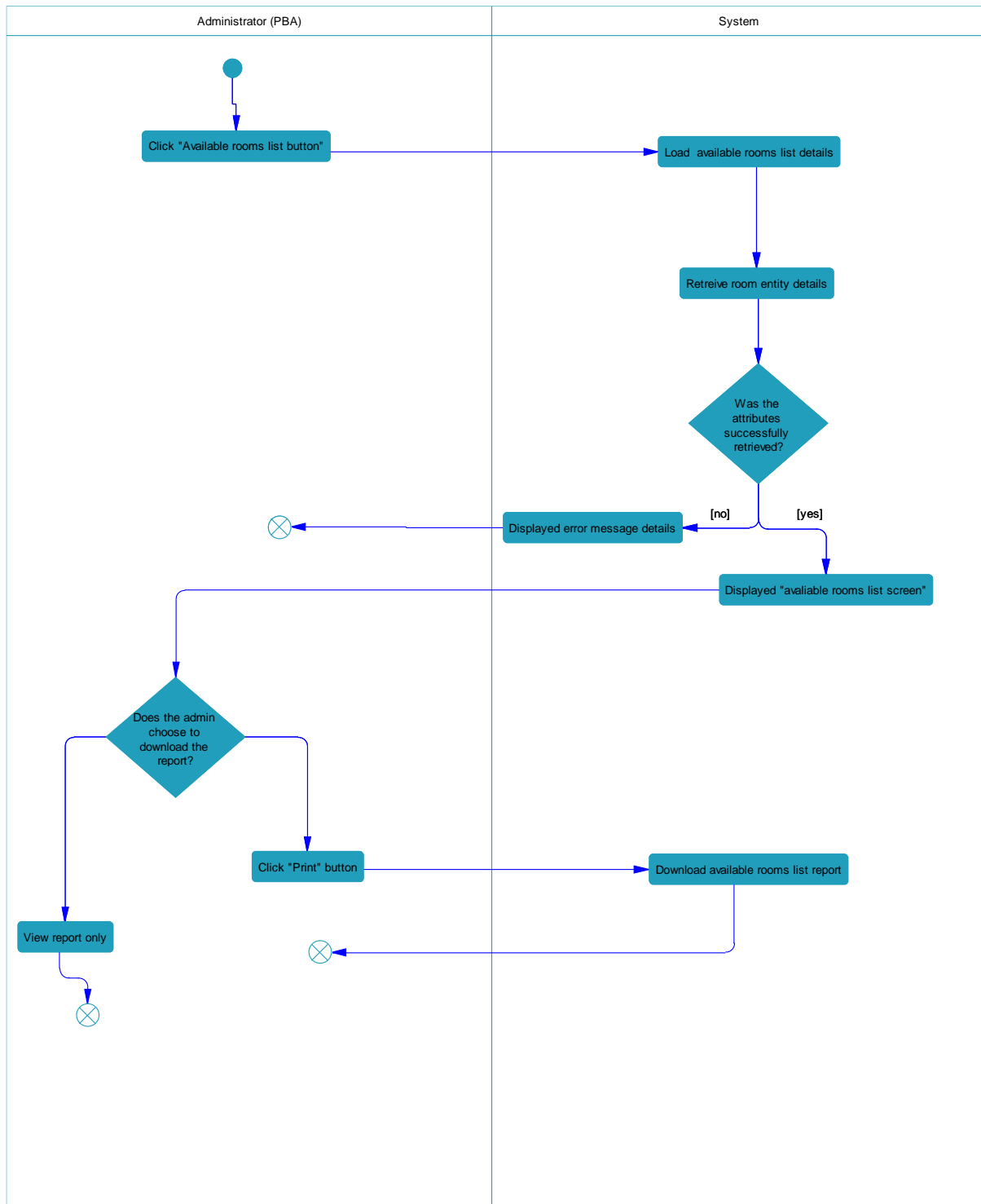


Figure 86: 8.10 Generate Available Rooms List Activity Diagram



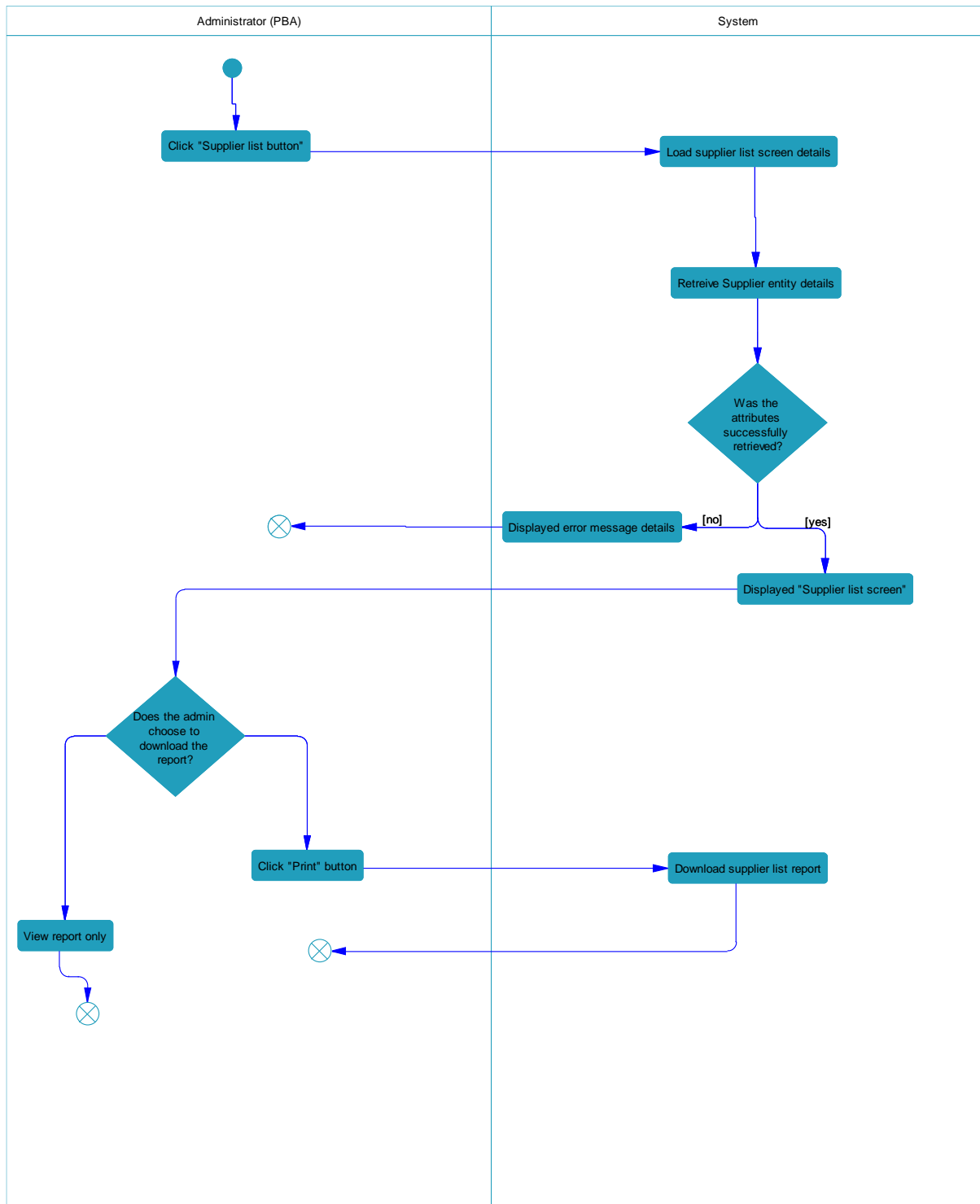


Figure 87: 8.11 Generate Supplier List Activity Diagram



3. Document Conclusion

This concludes the section containing the activity diagram for the HydroTech system.

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4. 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



5. 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.

A handwritten signature in black ink, enclosed within a thin black rectangular border. The signature is stylized and appears to read "Ya'qoob Tayob".

Signature

