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From left to right: Sameer Ghela, Ismaeel Rahaman (Group leader), Nawailah Tarmohamed, Sashin Gounden, and Deshlan Pillay.

Team 7: Omnia

Project: Water Resort
administration system

System Name:
Hydrotech

Iteration 7 – Technical Context Diagram

This document provides a visual representation of the data flows within the system. The flows represent all inputs and outputs of the system. The actors from whom the data originates from and is received by are mentioned to allowing the reader to form a clearer understanding of the system.



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1. Document Introduction

This section will depict the Technical Context Diagram for the HydroTech system for the Platinum Island resort.



2. Technical Context Diagram

2.1. Subsystem 1 – User

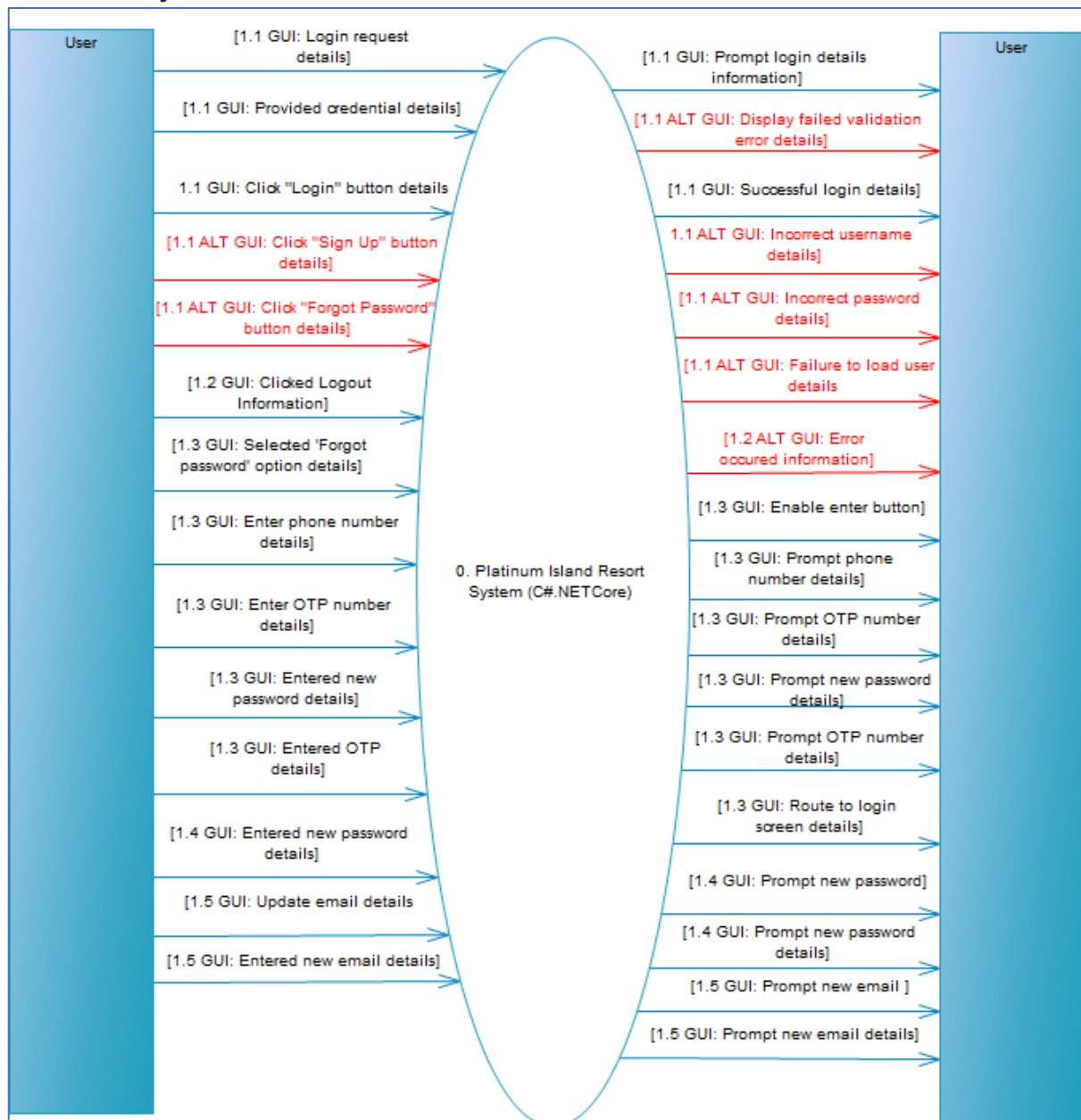


Figure 1: User Subsystem Technical Context Diagram



2.2. Subsystem 2 – Client

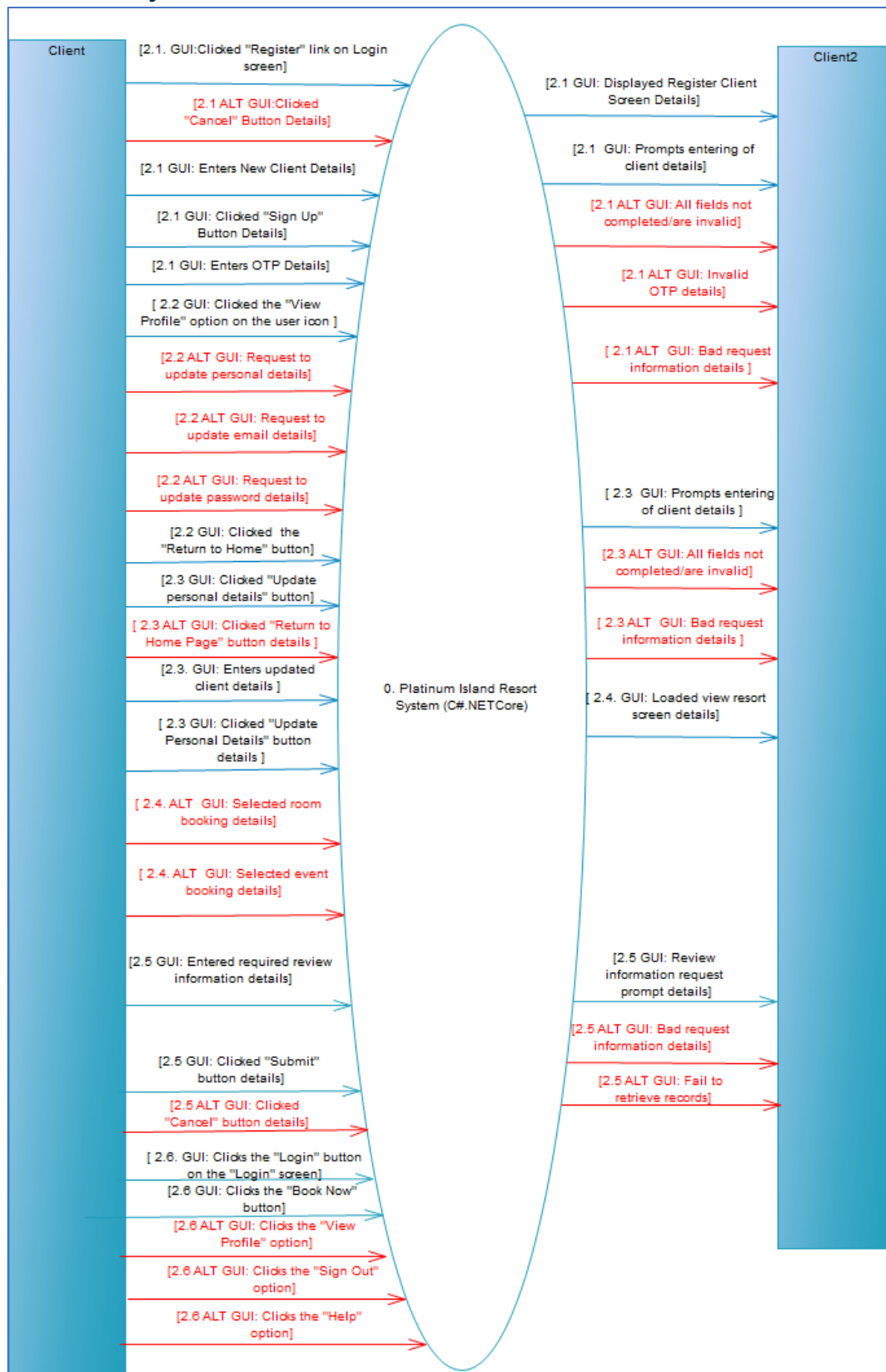


Figure 2: Client Subsystem Technical Context Diagram



2.3. Subsystem 3 - Accommodation

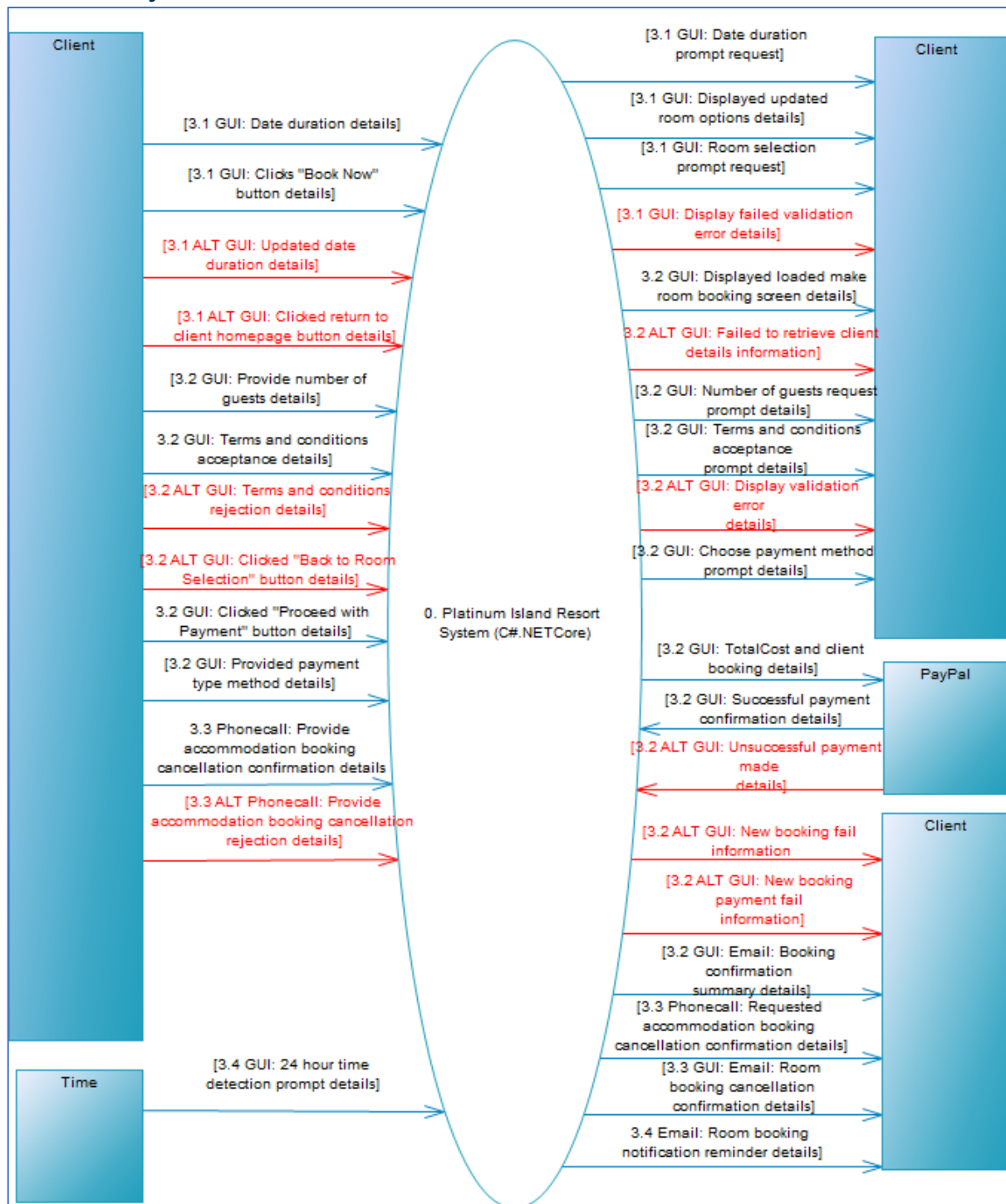


Figure 3: Accommodation Subsystem Technical Context Diagram



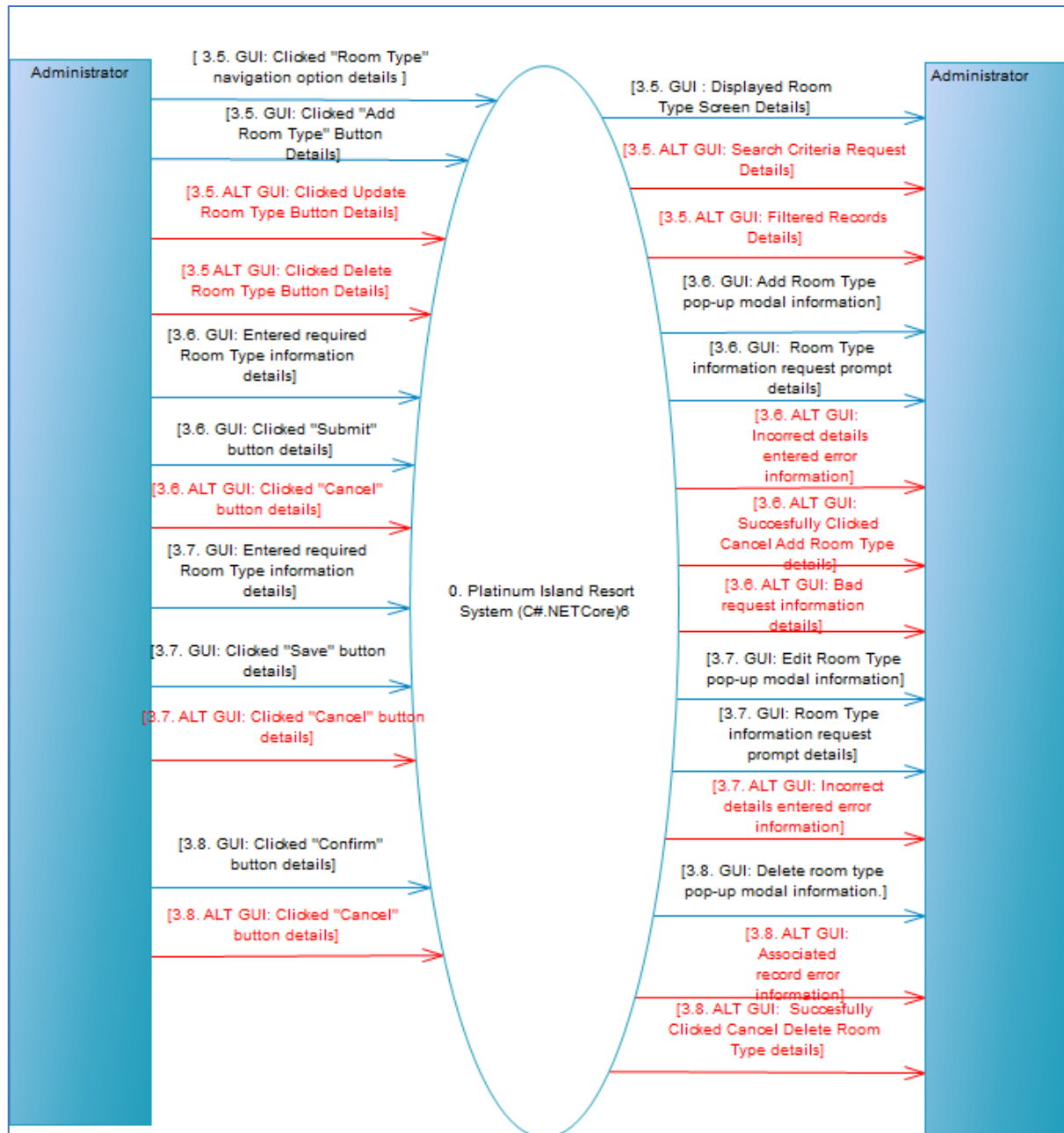


Figure 4: Accommodation Subsystem Technical Context Diagram



2.4. Subsystem 4 - Ticketing

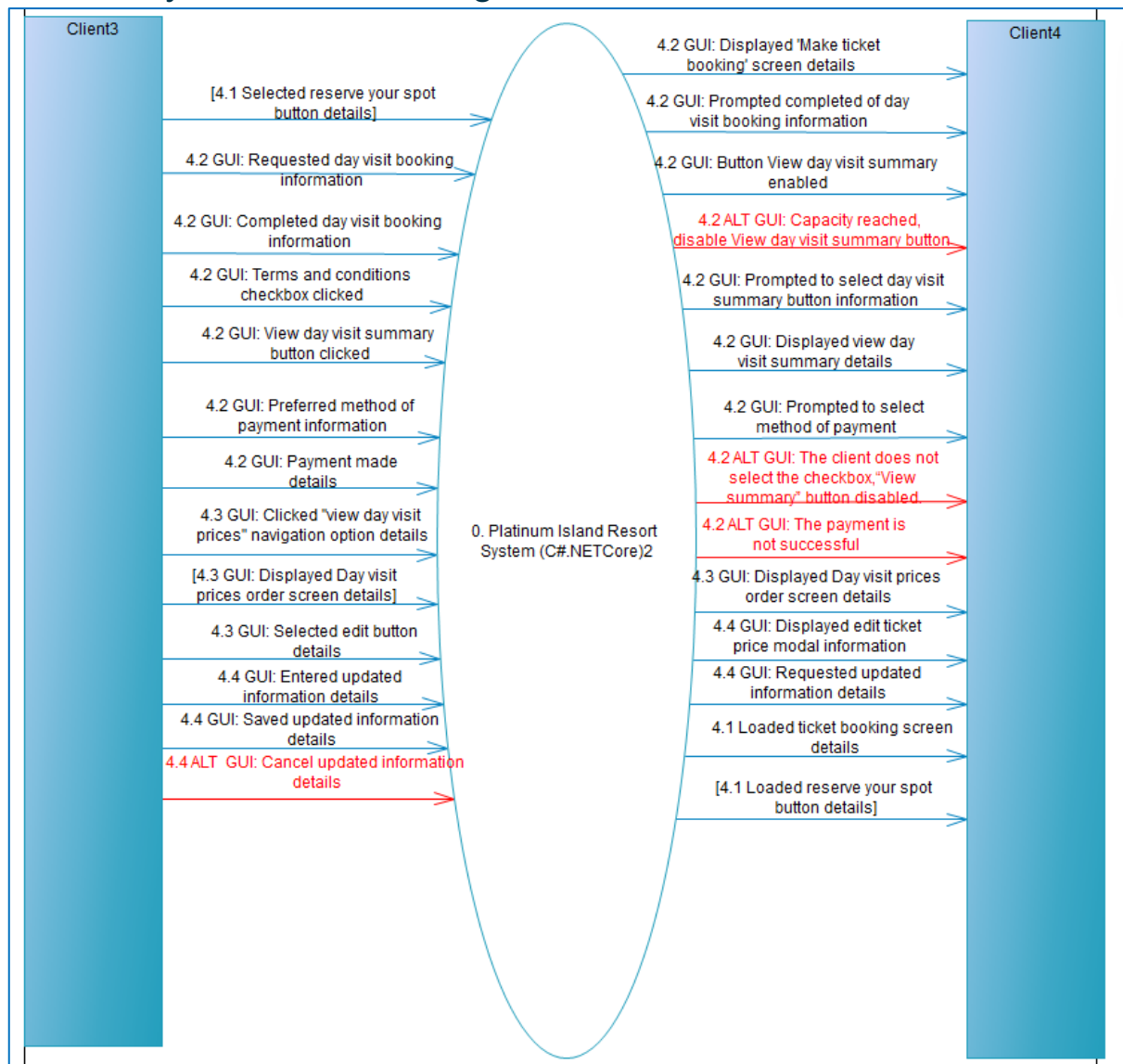


Figure 5: Ticketing Subsystem Technical Context Diagram



2.5. Subsystem 5 – Events

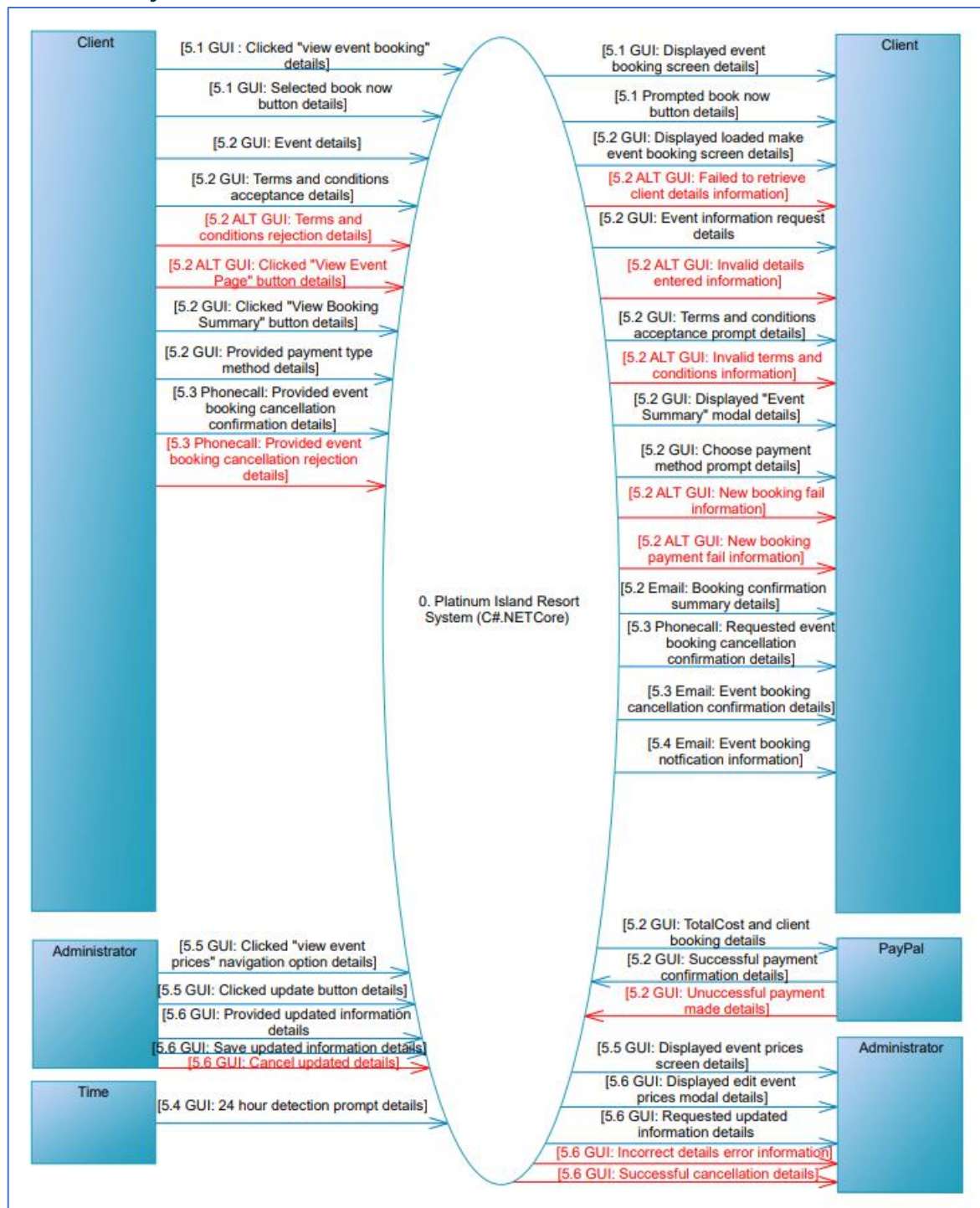


Figure 6: Event Subsystem Technical Context Diagram



2.6. Subsystem 6 – Administration

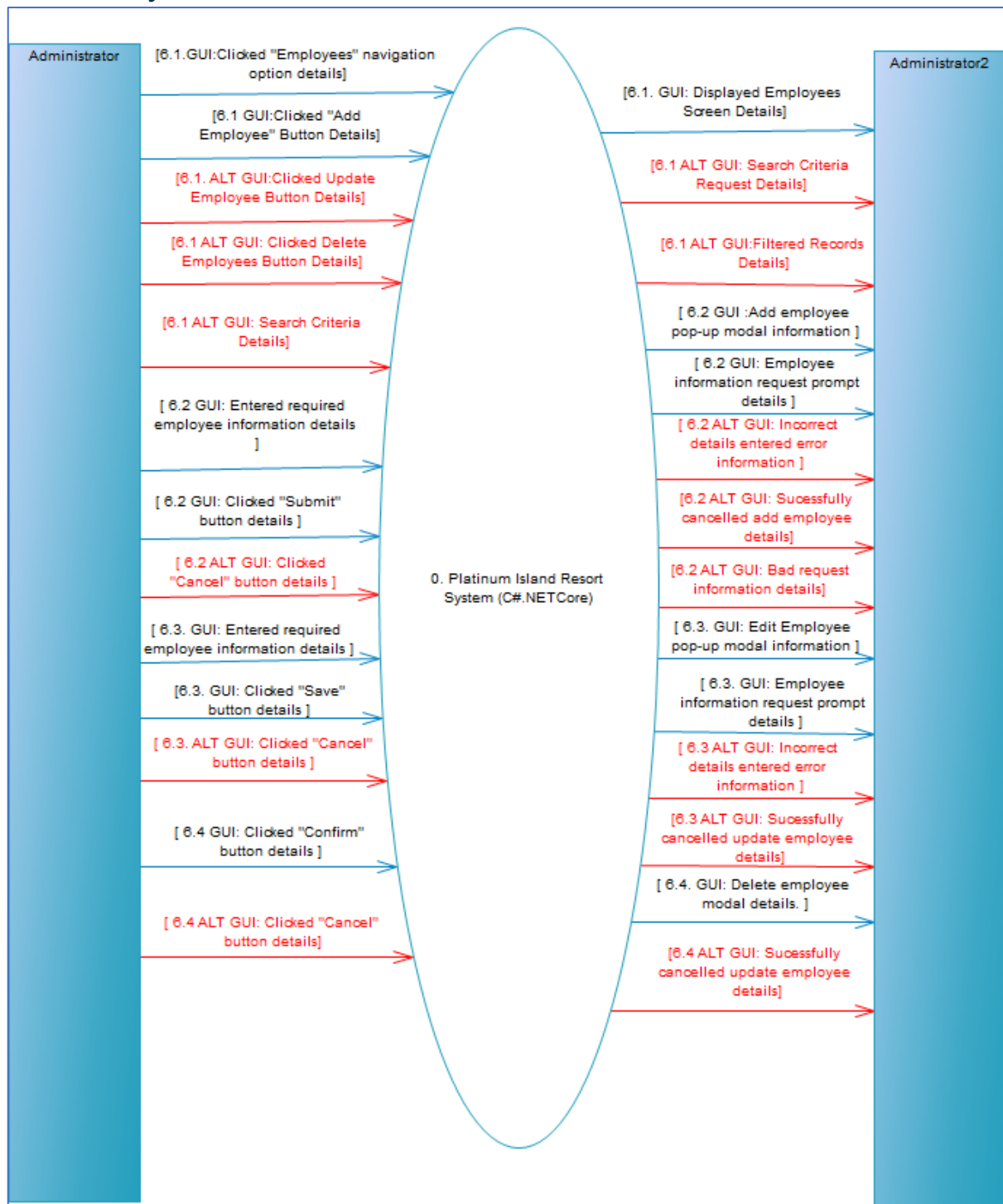


Figure 7: Administration Subsystem Technical Context Diagram



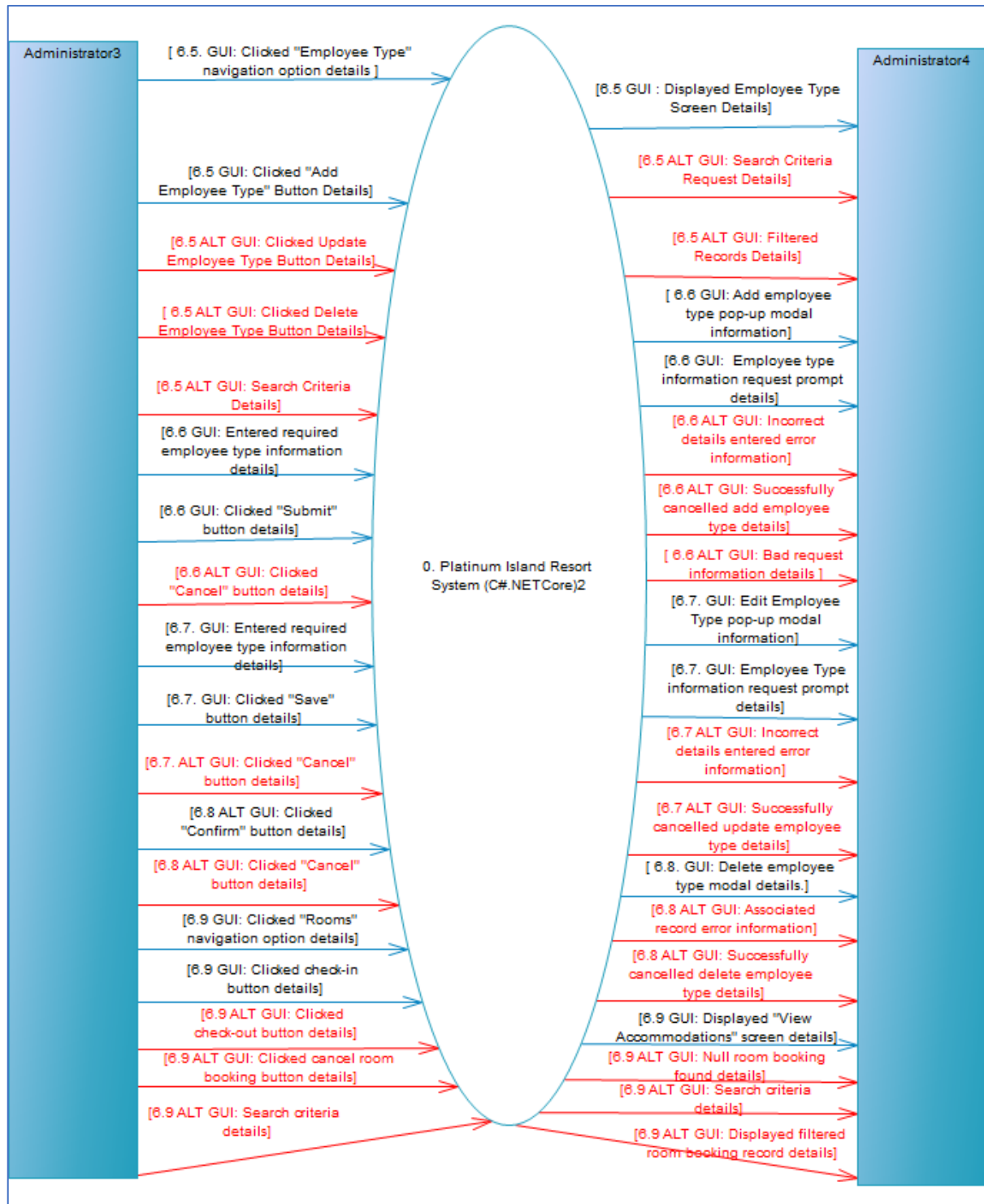


Figure 8: Administration Subsystem Technical Context Diagram



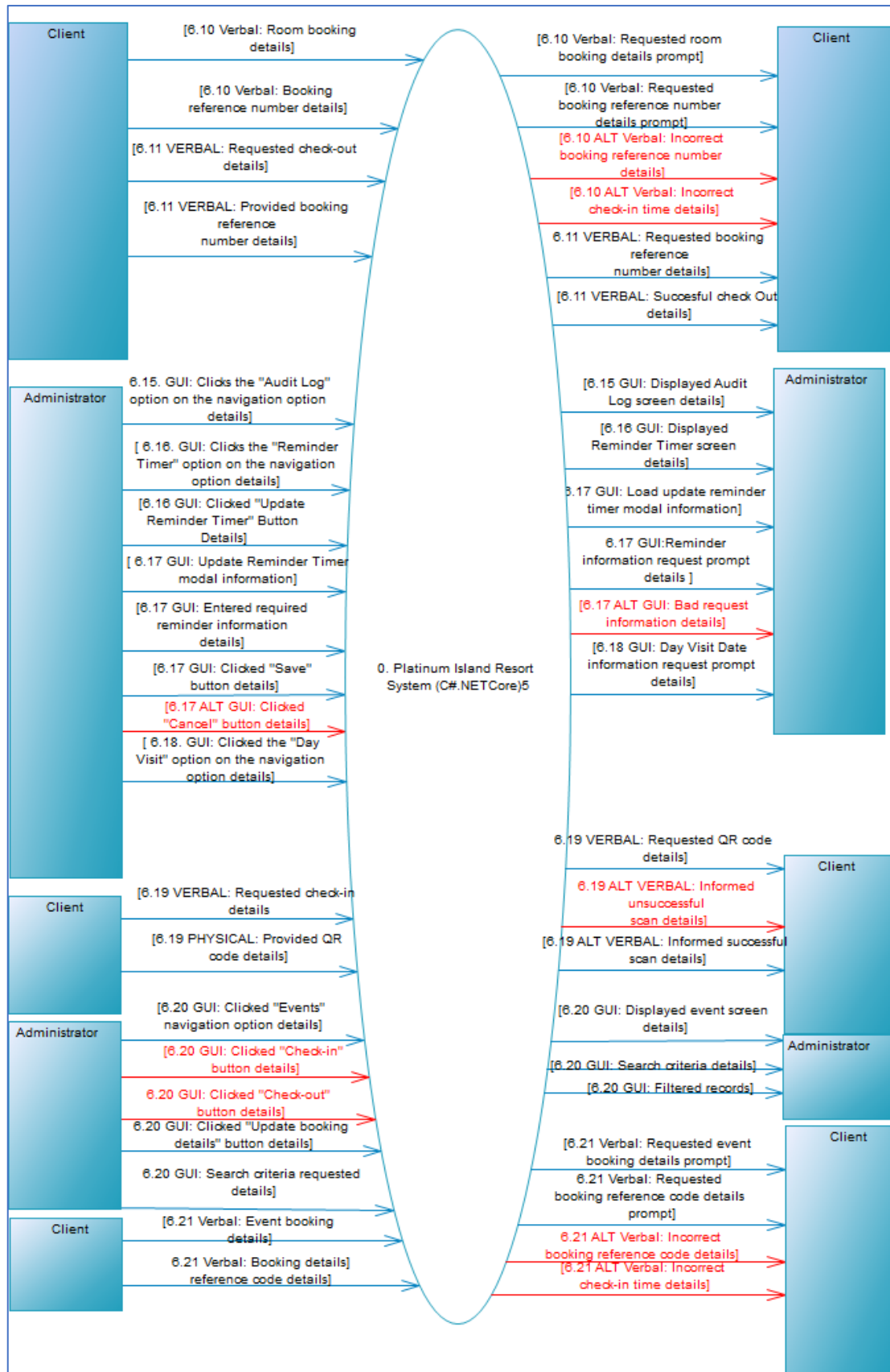


Figure 9: Administration Subsystem Technical Context Diagram



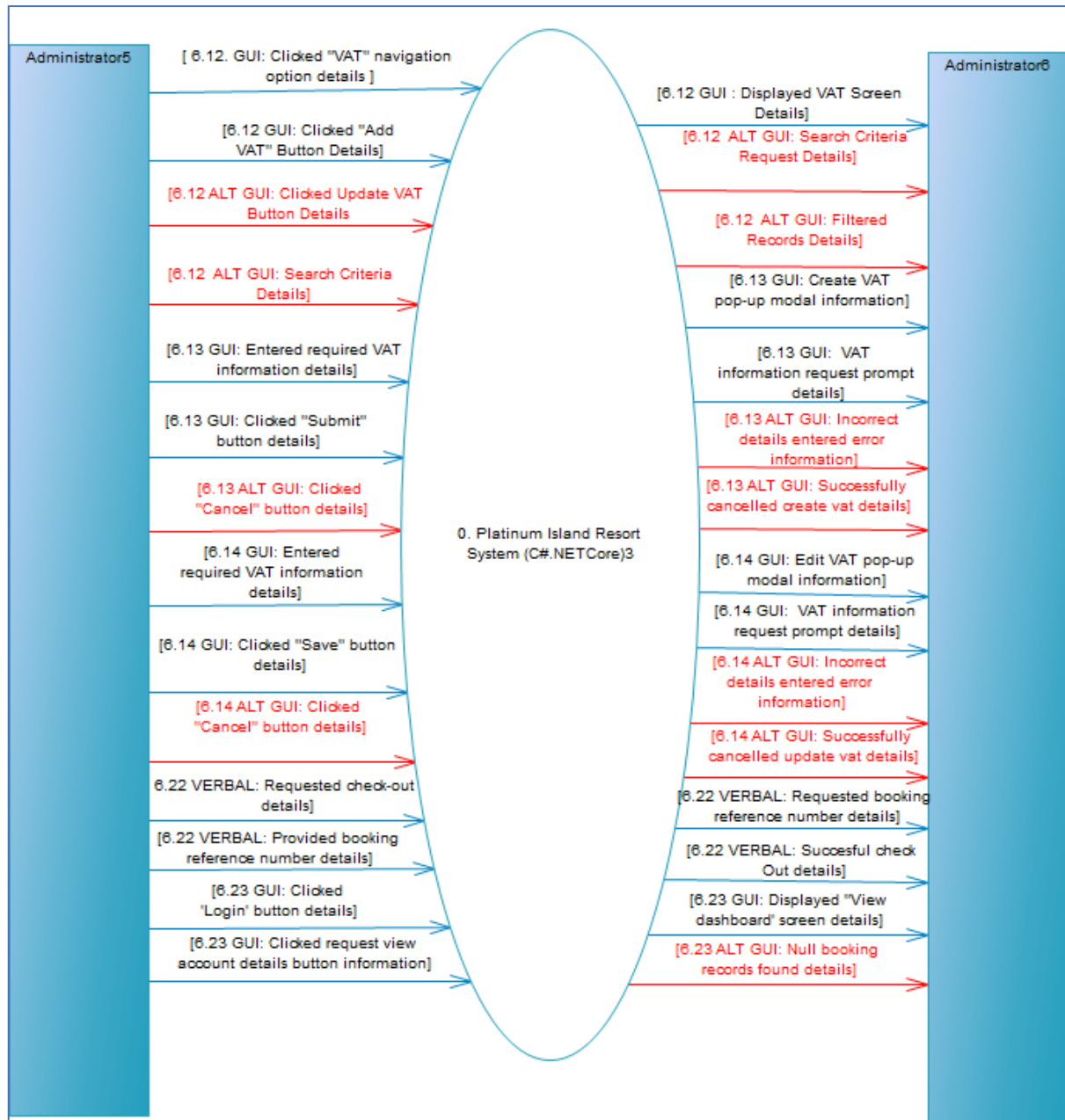


Figure 10: Administration Subsystem Technical Context Diagram



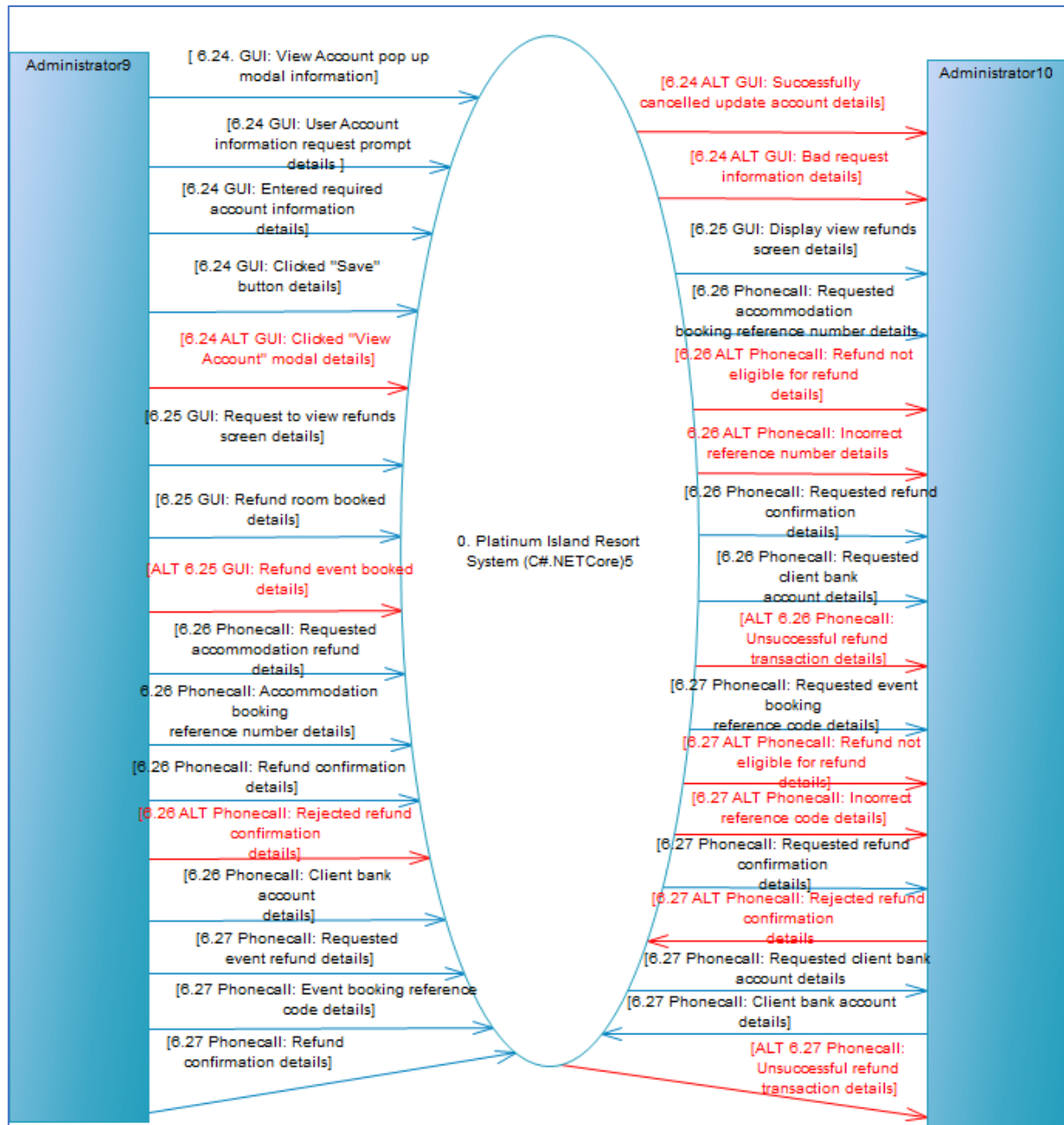


Figure 11: Administration Subsystem Technical Context Diagram



2.7. Subsystem 7 – Inventory

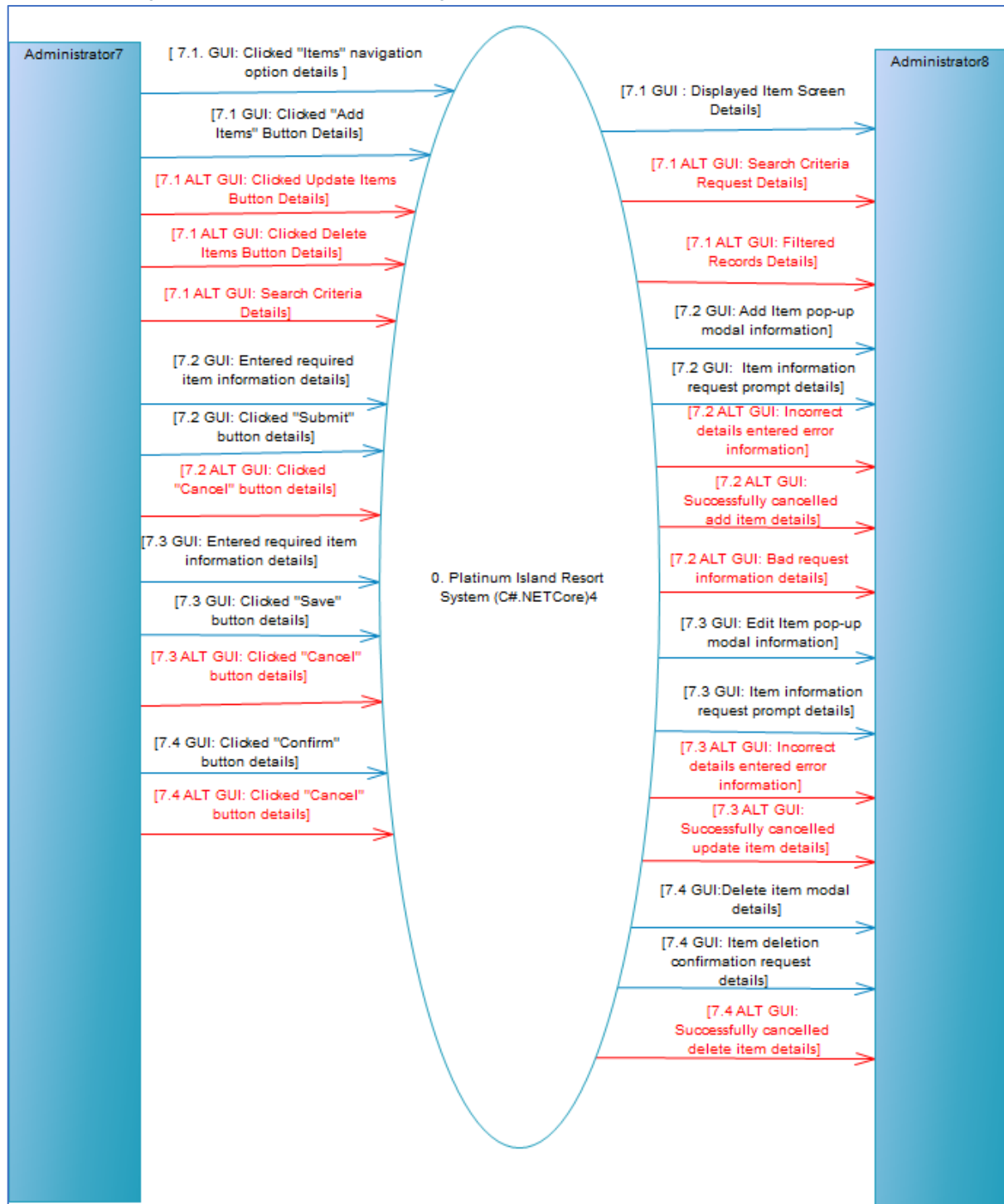


Figure 12: Inventory Subsystem Technical Context Diagram



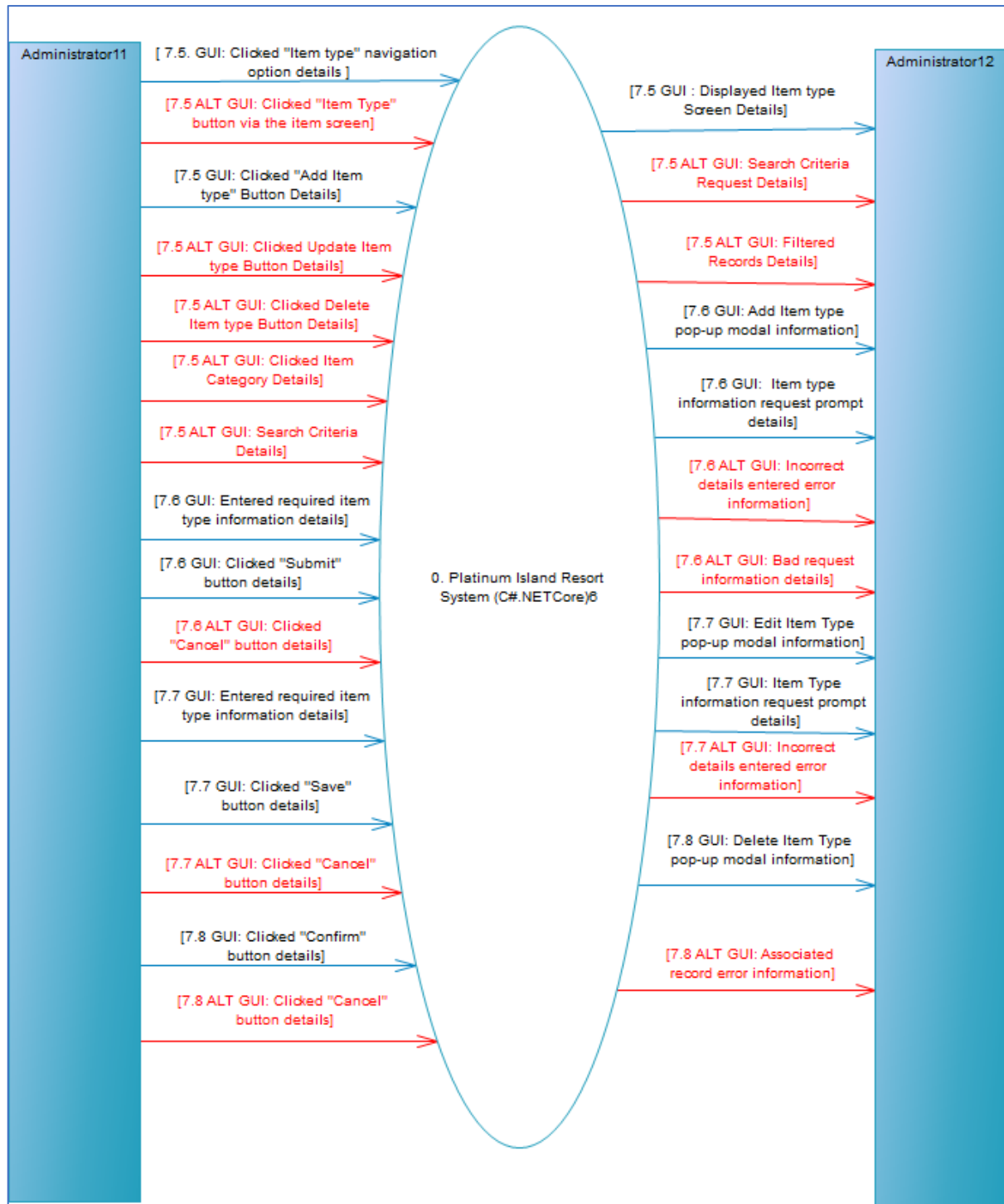


Figure 13: Inventory Subsystem Technical Context Diagram



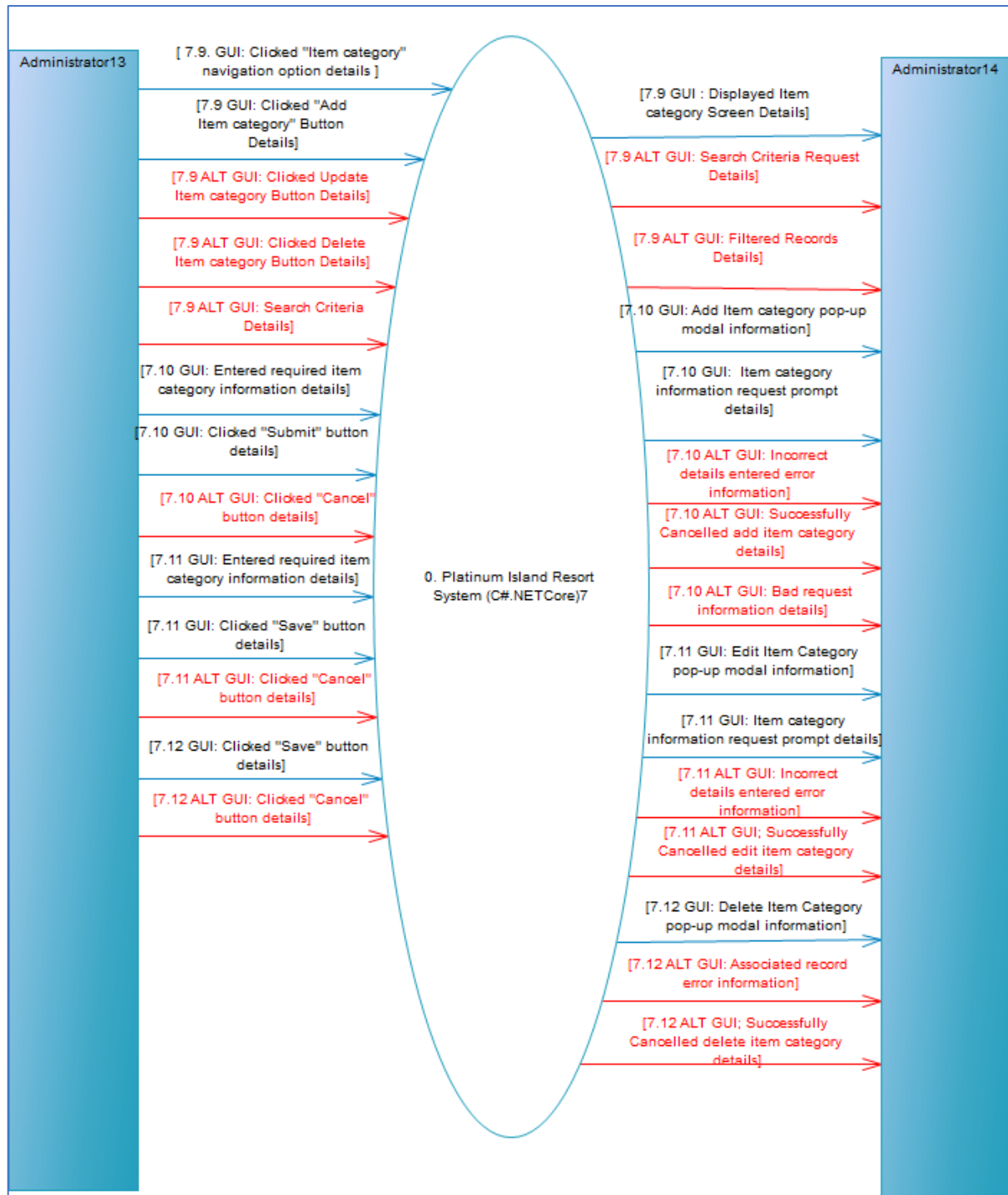


Figure 14: Inventory Subsystem Technical Context Diagram



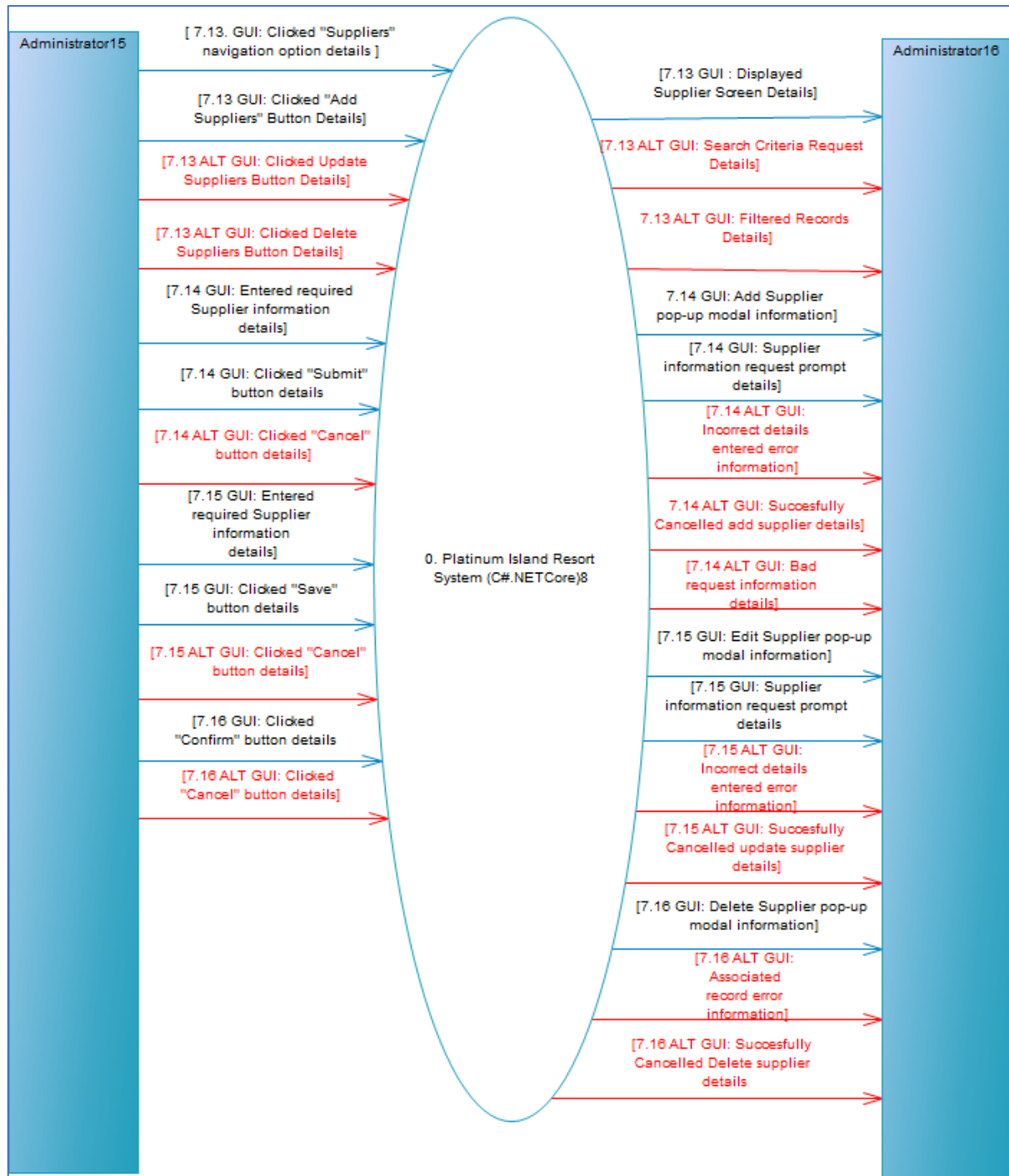


Figure 15: Inventory Subsystem Technical Context Diagram



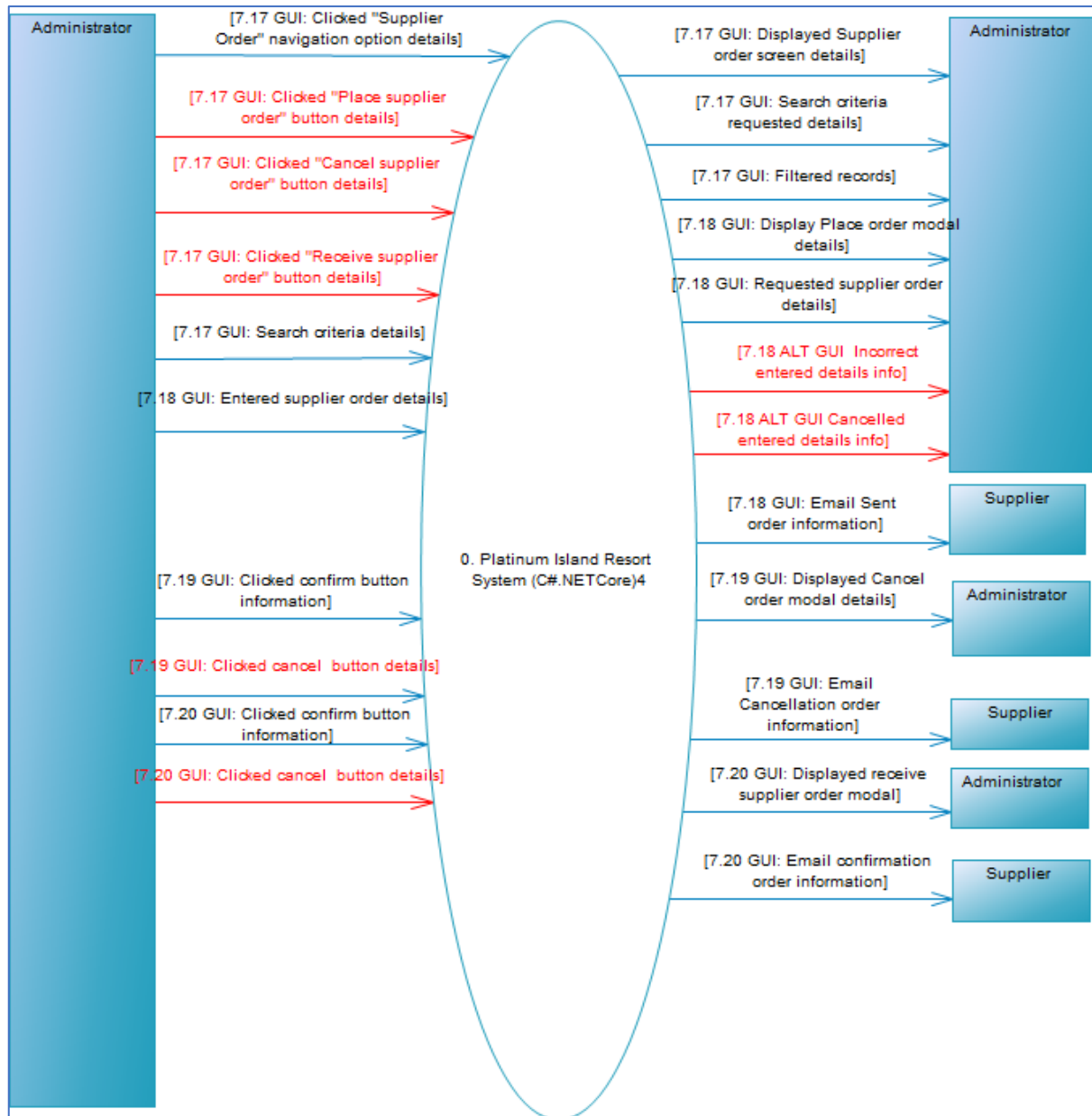
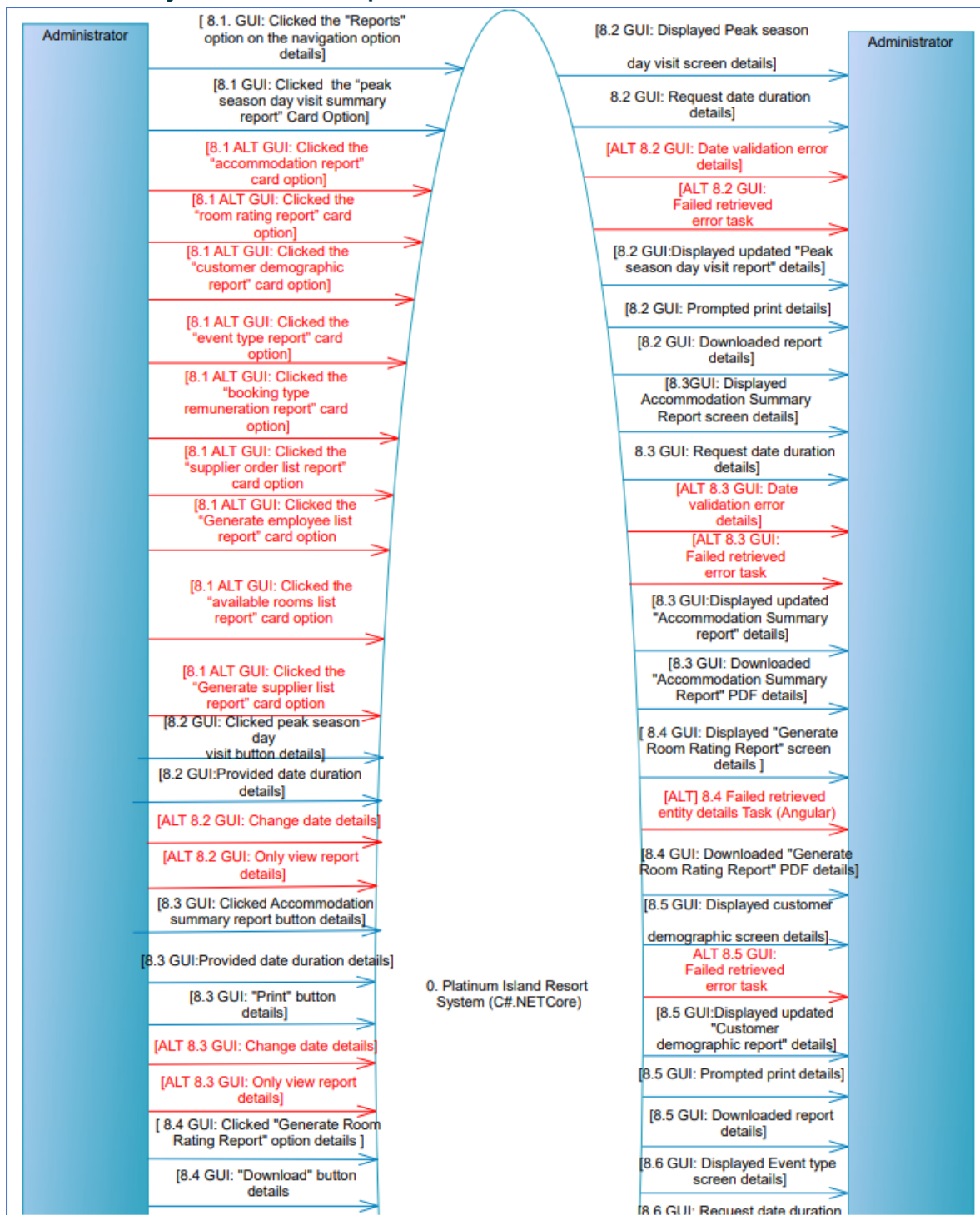


Figure 16: Inventory Subsystem Technical Context Diagram



2.8. Subsystem 8 - Reports



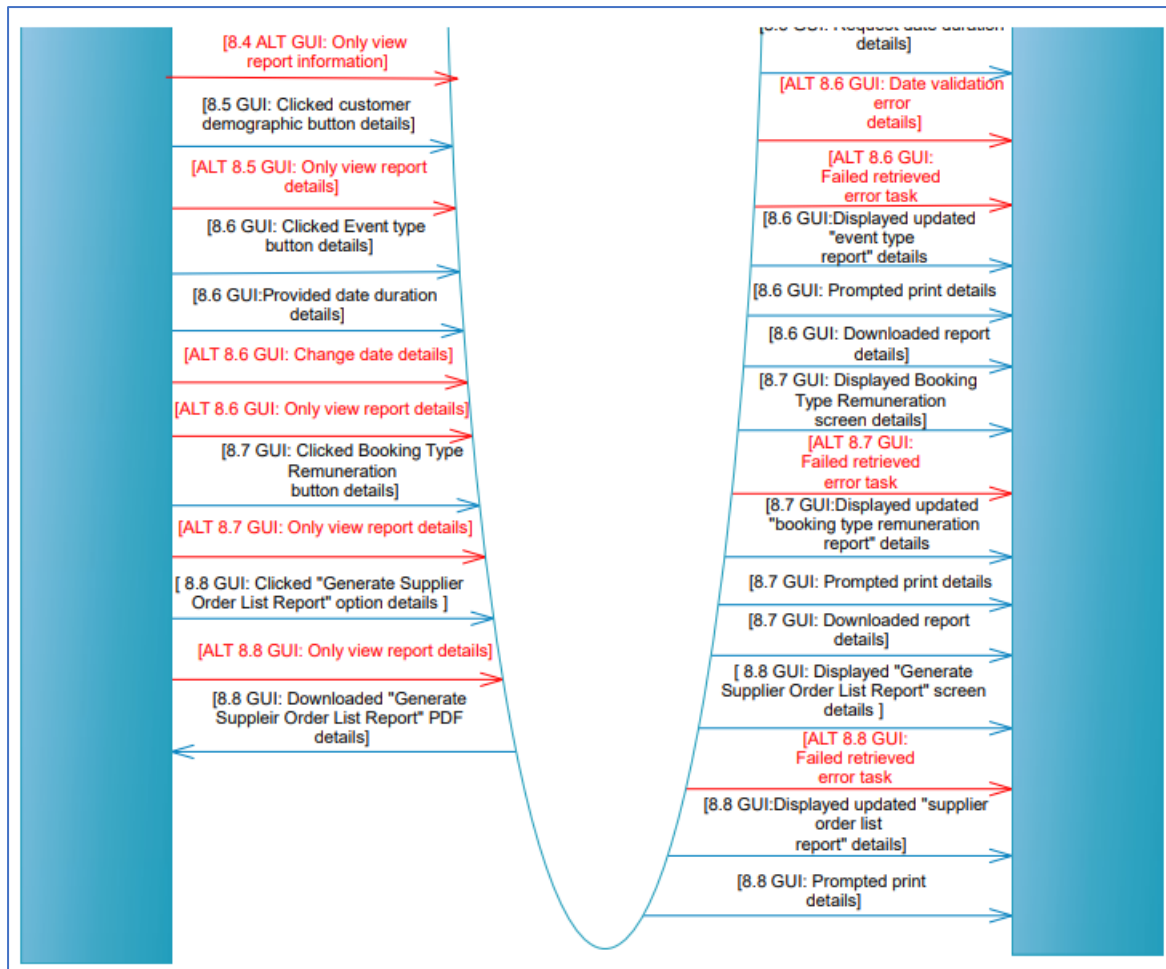


Figure 17: Reporting Subsystem Technical Context Diagram



3. Document Conclusion

In conclusion the following section depicts the chosen functional requirements of the HydroTech system in a technical context diagram.



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 be "Ya'qoob Tayob".

Signature

