



OUR TEAM:

Ismaeel Rahaman

u20427906

u20427906@tuks.co.za

065 814 5362

Nawailah Tarmohamed

u21437972

u21437972@tuks.co.za

067 319 1637

Deshlan Pillay

u21481084

u21481084@tuks.co.za

067 127 6684

Sameer Ghela

u21445142

u21445142@tuks.co.za

066 239 5477

Sashin Gounden

u20487062

u20487062@tuks.co.za

072 520 1968



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 –Class Diagram

This document will define our class diagram. This diagram will be the physical blueprint to define the classes which our team used to program the system, Hydrotech.



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1. Document Introduction

The logical class diagram is the blueprint of our system, The intention is that the class diagrams help you identify the requirements and model the classes, attributes, and relationships of the objects within our system. This process is extremely critical as it translates to the software classes, we are going to create with code later. The class diagram contains the diagram of how defined the structure of classes, relationships, and attributes.



2. Class Diagram

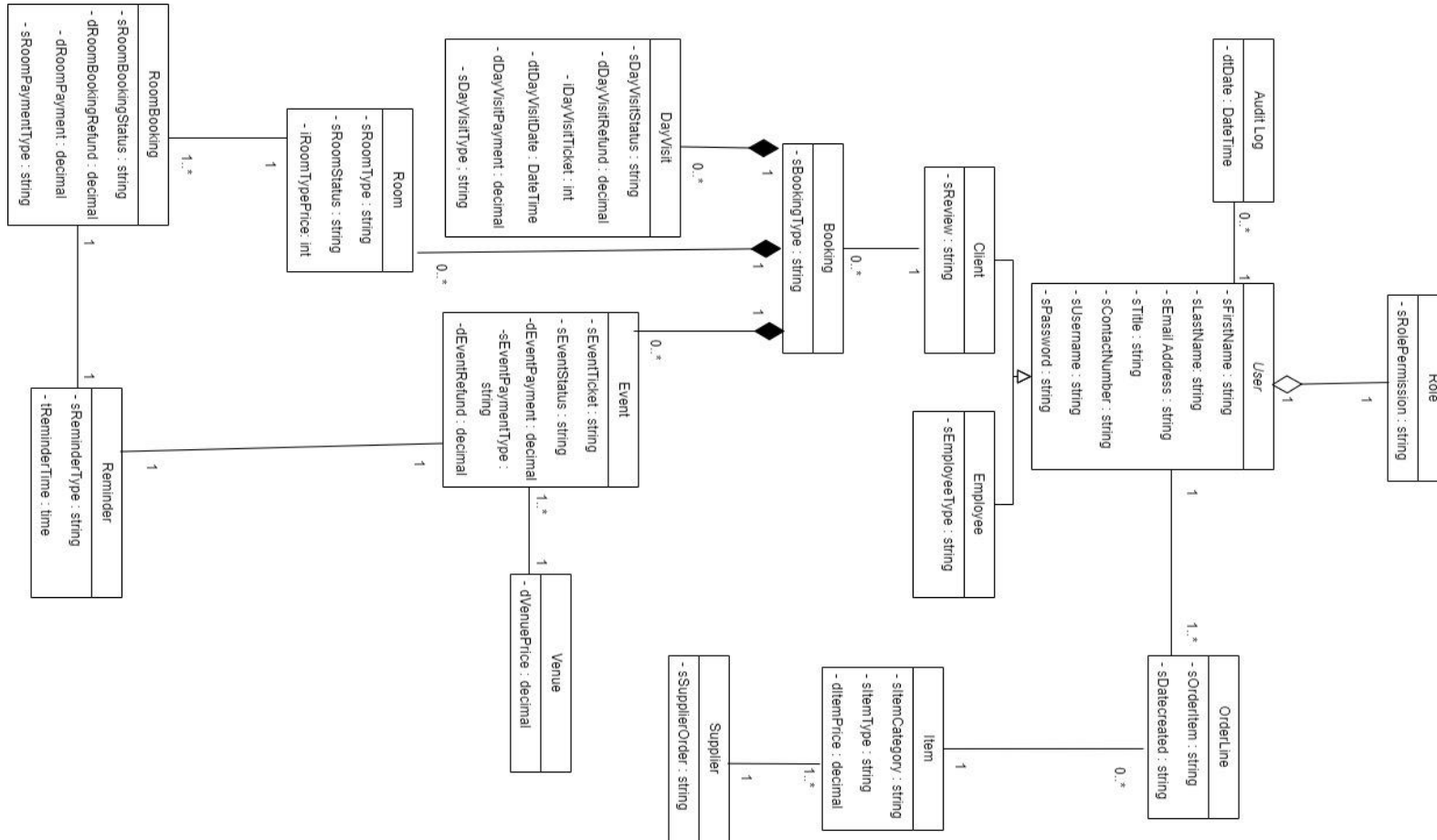


Figure 1: Class Diagram



3. Document Conclusion

This concludes the logical class diagram. The logical class diagram was extremely useful to get a better understanding of the system we are building. It gave our group insight on how we need to structure our classes, attributes, operations, and relationships between all the objects of our system. It also allowed our group to visually depict the requirements of the system like the methods of the various classes and the process helped us gain insight regarding the relationship and associations there is.



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.



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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

