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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 – State Diagrams

This section includes the Unified Modelling Language State Diagrams the shows and these different states of an object and what events cause this object to change from one state to another. This section entails the State Diagrams for the statuses of complex classes.



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1. Document Introduction

This section contains all the state diagrams for the chosen use cases which illustrates the change of states in a business process that exists within the business.



2. State Diagrams

2.1. Room state diagram

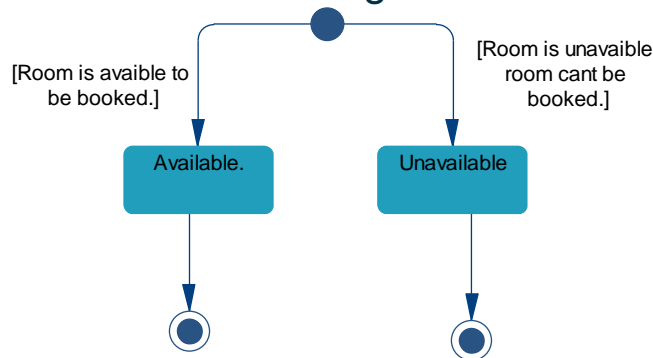


Figure 1:Room state diagram

2.2. Room booking state diagram

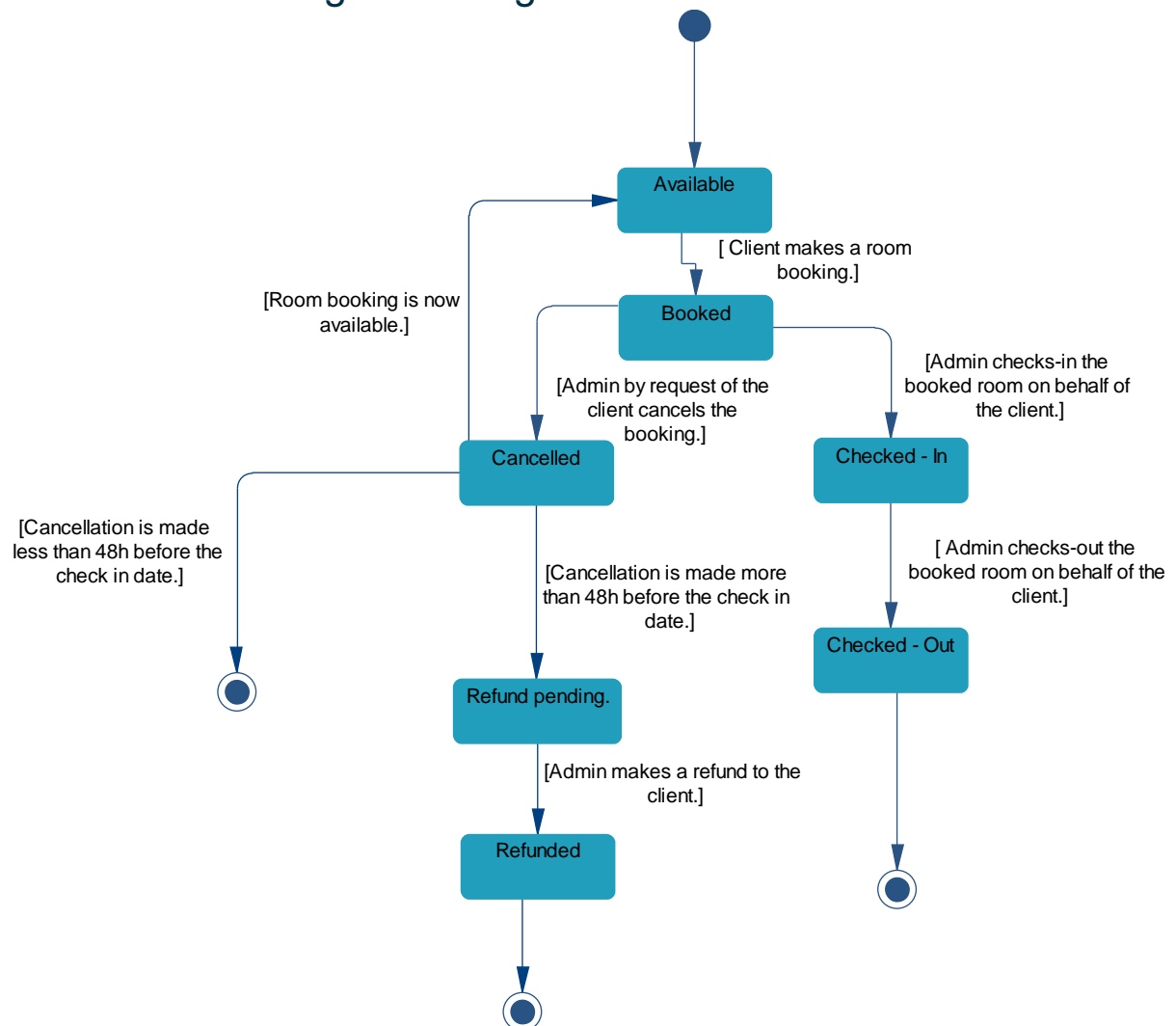


Figure 2:Room booking state diagram



2.3. Day visit ticket state diagram

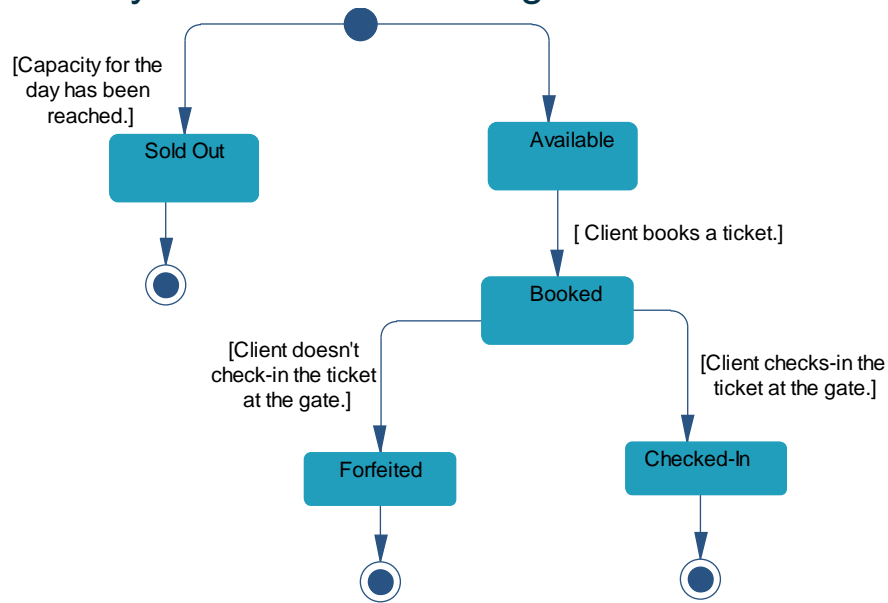


Figure 3:Day visit ticket state diagram

2.4. Event booking state diagram

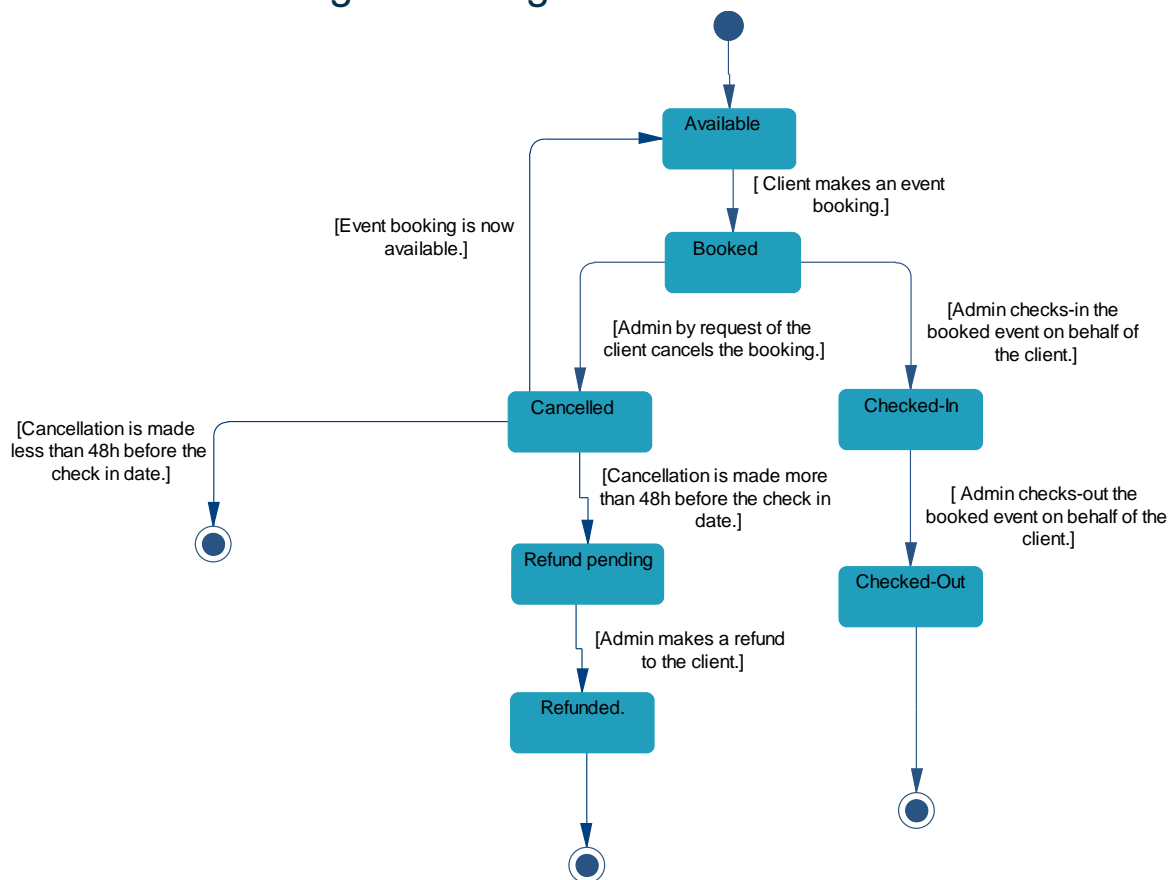


Figure 4:Event booking state diagram



2.5. Supplier order state diagram

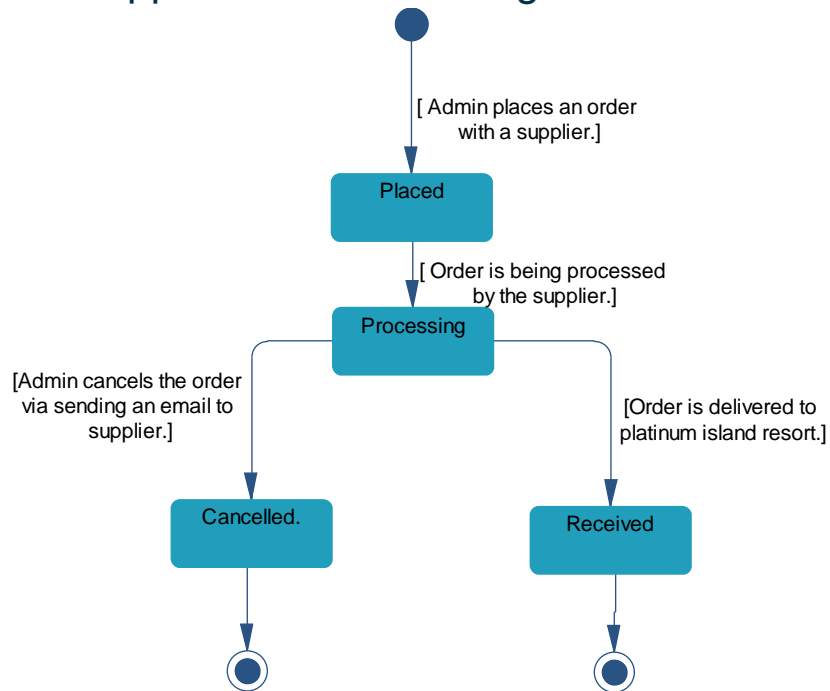


Figure 5:Supplier order state diagram



3. Document Conclusion

This section concludes the depiction of the various states that occur within the business's processes.



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.



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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

