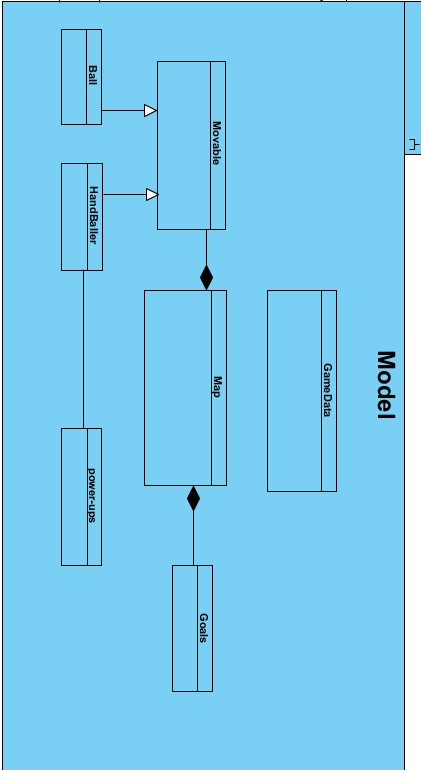
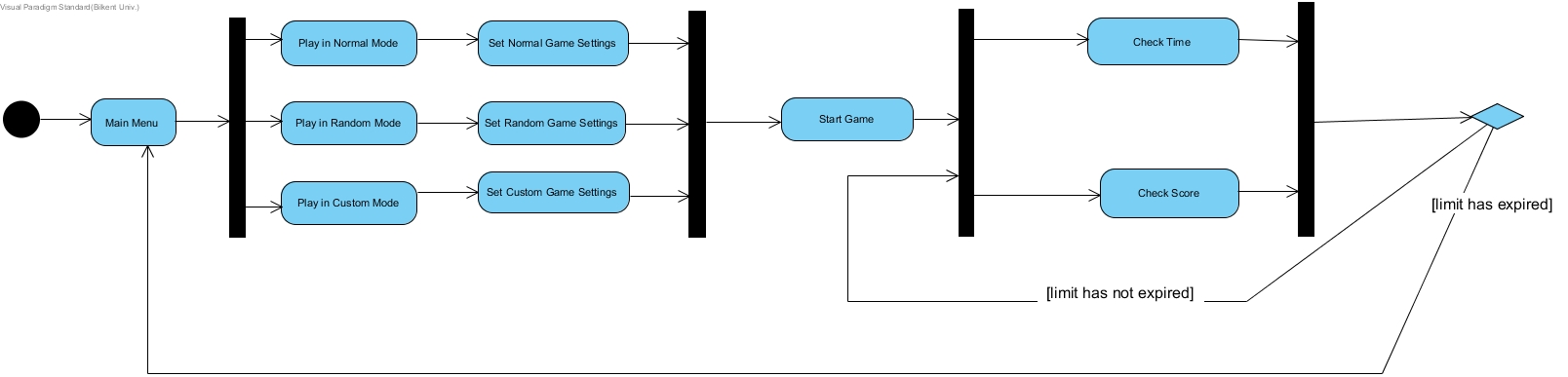
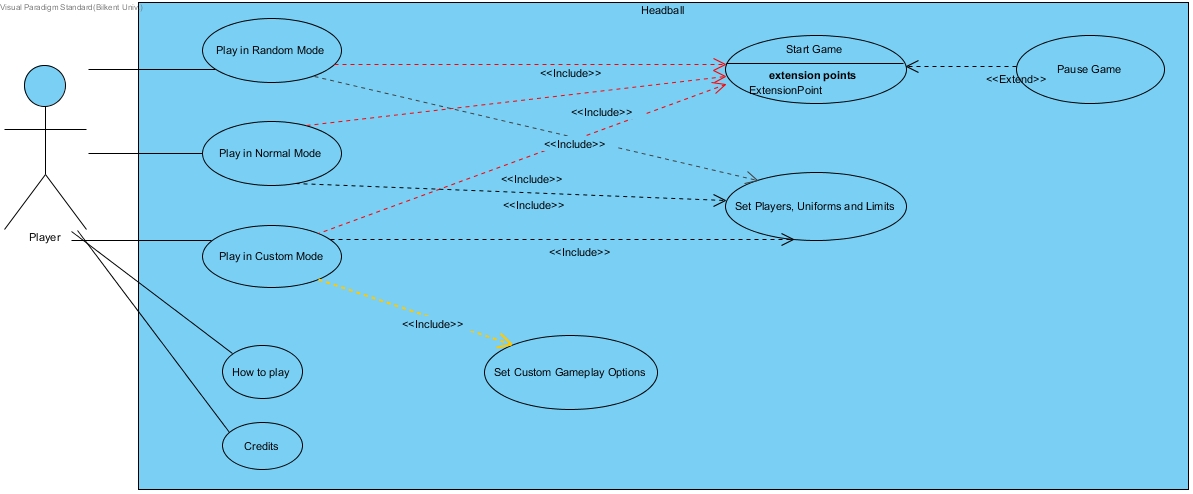
**4.3 Class Diagram**



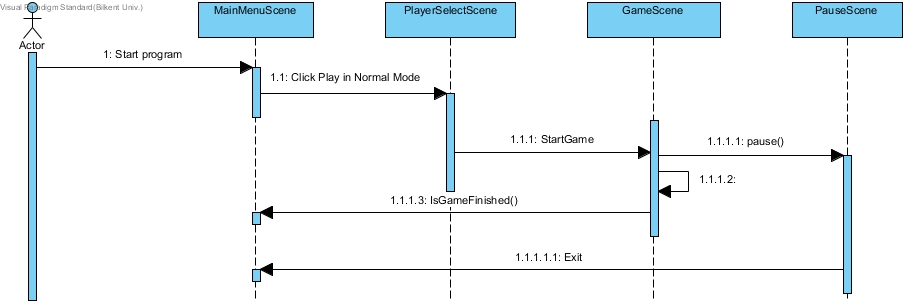
**4.2 Activity Diagram**

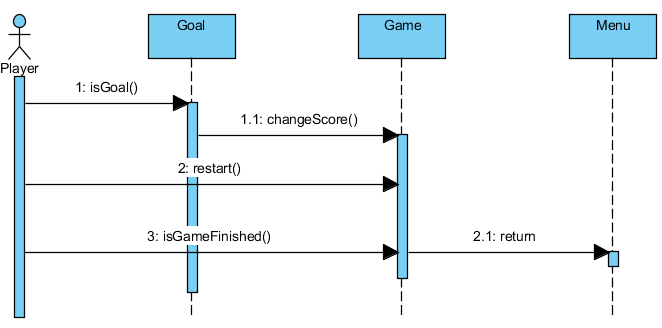


**4.1 Use Case Model**



**4.4 Sequence Diagrams**





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**4.5 State Diagram**

