

Exercise 5: UML

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1 Redesign Diagram Figure 18.1 (from UML Standard 2.5.1 Specification[1])

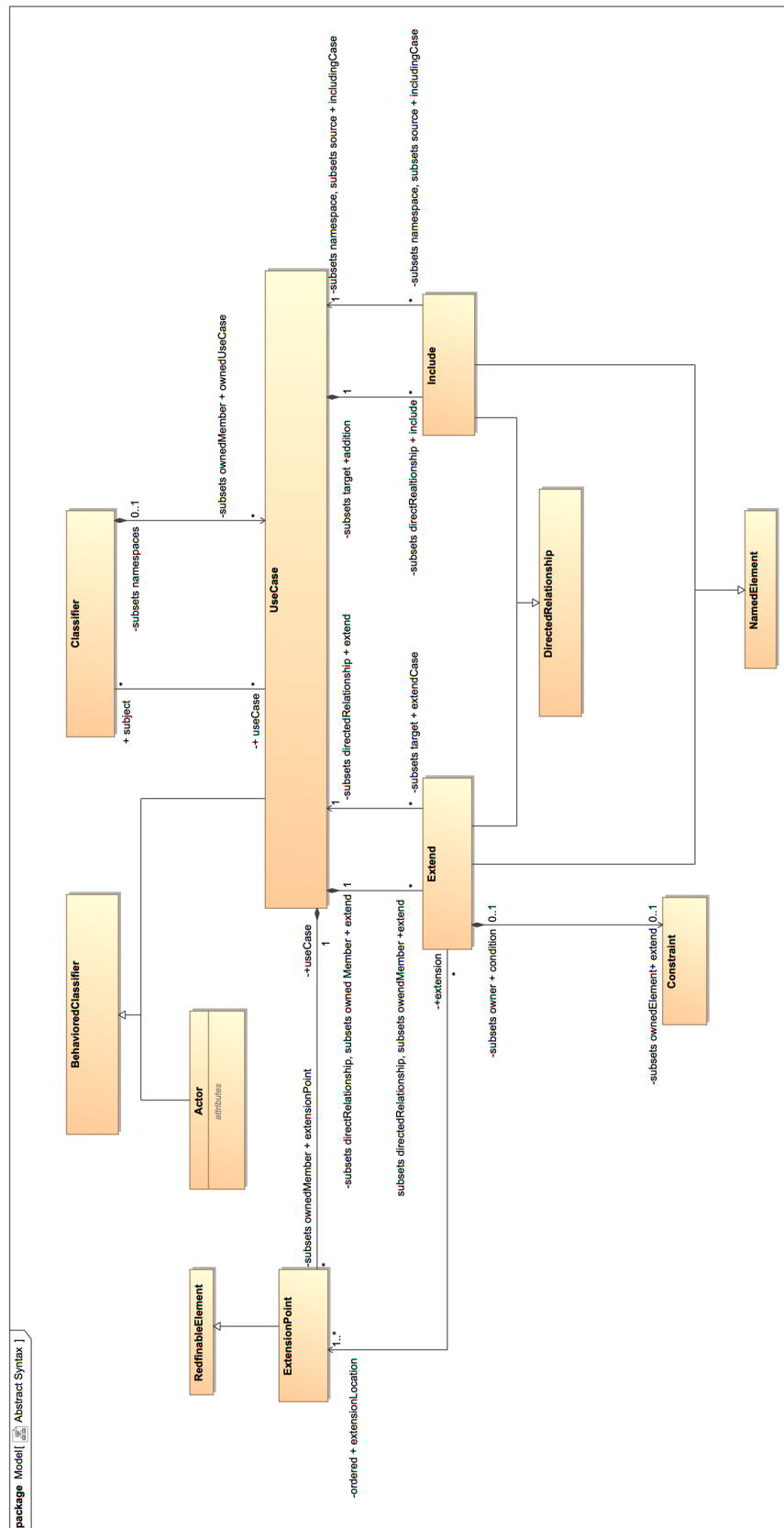


Figure 1: Abstract Syntax Diagram Redesign

2 Use Case: Customer registration and Administration

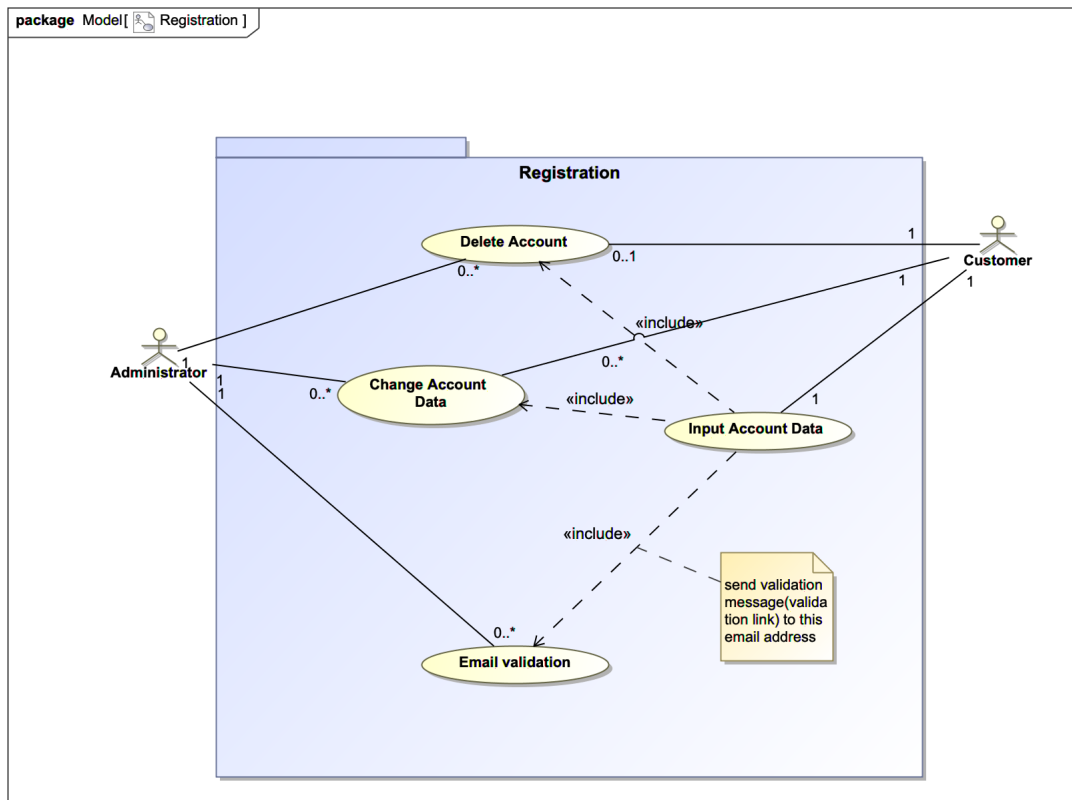


Figure 2: Abstract Syntax Diagram Redesign

3 Use Case: Payment by an External Bank

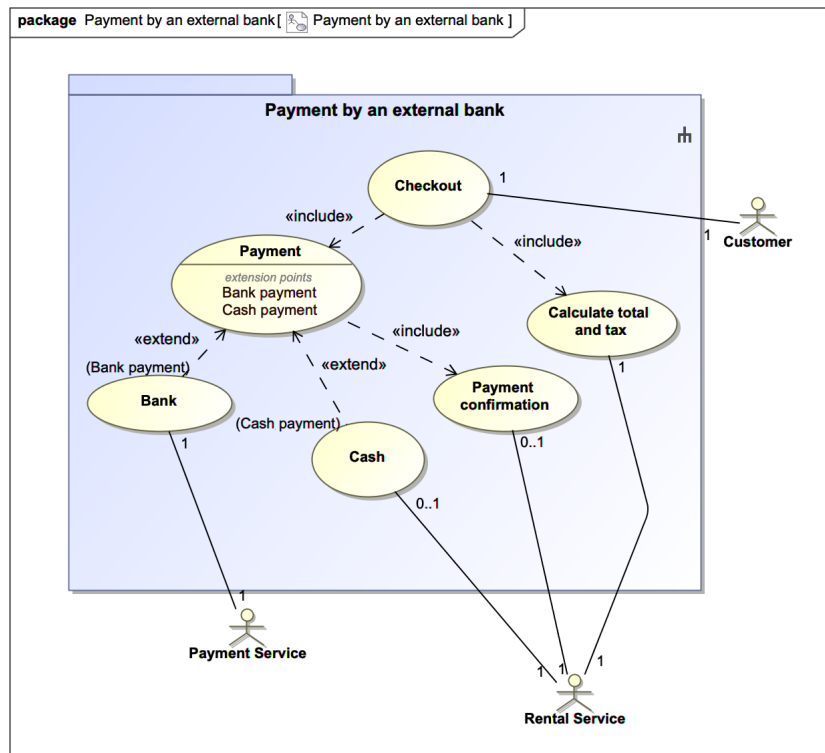


Figure 3: Use Case Diagram (Registration)

4 Use Case: Check-in/-out for Bicycle Rent

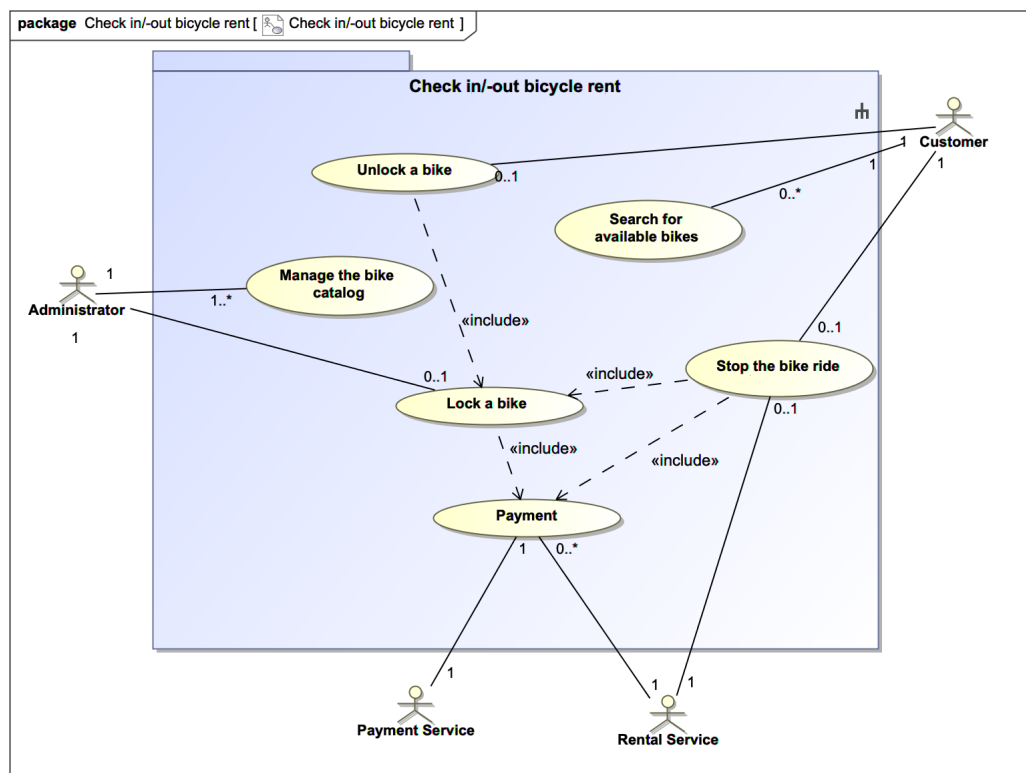


Figure 4: Use Case Diagram (Check-in/out for Bicycle Rent)

5 Use Cases (Variant 2: Combined)

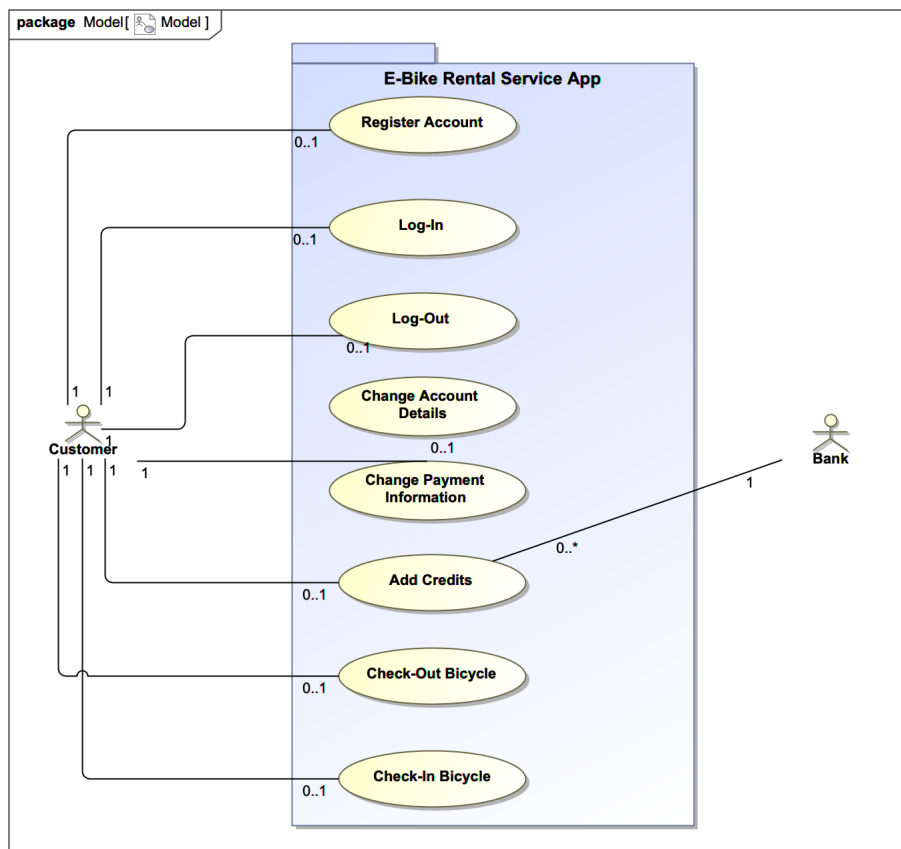


Figure 5: Use Case Diagram Variant 2 (E-Bike Rental Service App)

6 Division of Work

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20%	20%	20%	20%	20%

Figure 6: "Who did what?"

References

- [1] UML Standard 2.5.1 Specification
<https://www.omg.org/spec/UML/2.5.1/PDF>