

Minicase: Holiday Travel Vehicles (continued)

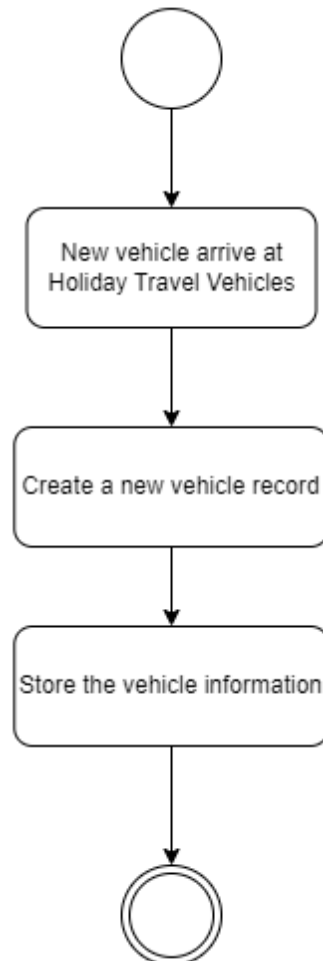


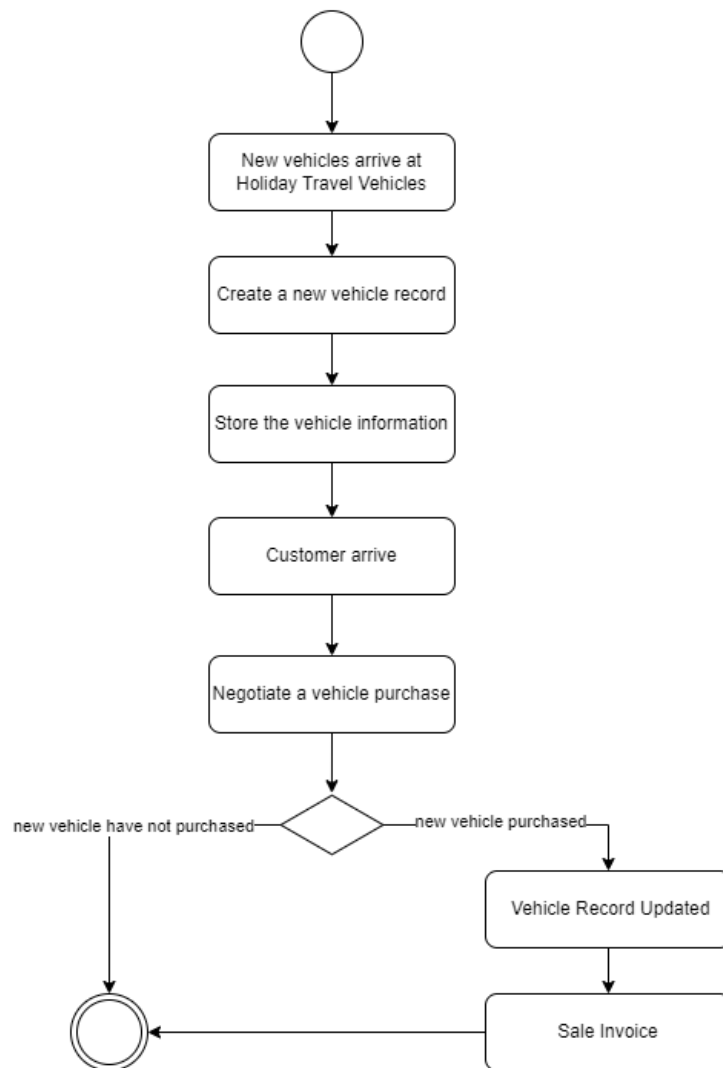
Refer to the structural model (CRC cards and class diagram) that you created for the Holiday Travel Vehicles Minicase in Week 5. Based on your performance, Holiday Travel Vehicles was so satisfied. They wanted you to develop behavioral models so that they could more fully understand both the interaction that would take place between the users and the system and the system itself in greater detail.

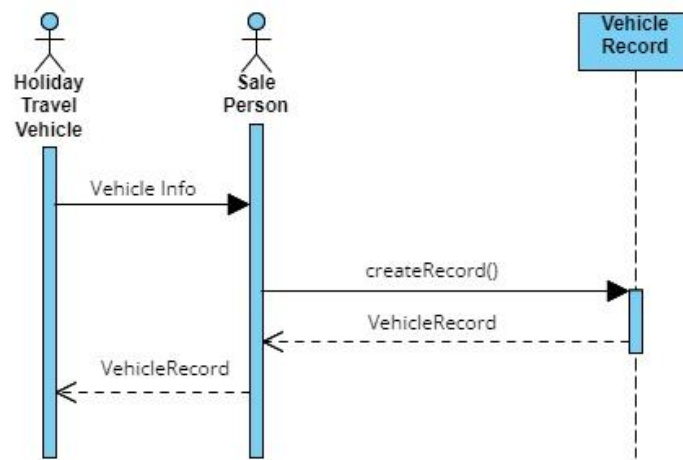
- A. Based on the use case diagram, select 2 use cases and create their use case descriptions.
- B. Create 2 activity diagrams for the 2 use case descriptions.
- C. Based on the class diagram and use case descriptions, create 2 sequence diagrams of the use cases.

Use Case Name: New Vehicle Record	ID: 1	Importance Level: High
Primary Actor: Sale Person		Use Case Type: Essential
Stakeholders and Interests: Sale Person: Sale Person has to add a new vehicle record. Holiday Travel Vehicle: Holiday Travel Vehicles provides a comprehensive sales service for those looking to purchase a recreational vehicle or travel trailer.		
Brief Description: This use case describes how to manage the sales service system.		
Trigger: When new vehicles arrive at Holiday Travel Vehicles		
Type: External		
Relationships: Association: Sale Person Include: Extend: Vehicle Purchase Generalization:		
Normal Flow of Events: <ol style="list-style-type: none">1. When new vehicles arrive at Holiday Travel Vehicles, a new vehicle record is created.2. Store new vehicle records that are vehicle serial number, name, model, year, manufacturer, and base cost.		
Subflows:		
Alternate/Exceptional Flow:		

Use Case Name: Vehicle Purchase	ID: 2	Importance Level: High
Primary Actor: Customer		Use Case Type: Essential
Stakeholders and Interests: Customer: The customer wants to purchase the vehicle. Holiday Travel Vehicle: Holiday Travel Vehicles provides a comprehensive sales service for those looking to purchase a recreational vehicle or travel trailer.		
Brief Description: This use case describes how to manage the sales service system.		
Trigger: When customers arrive at Holiday Travel Vehicles to purchase then a salesperson negotiates a vehicle purchase.		
Type: External		
Relationships: Association: Sale Person Include: Sale Invoice Extend: Generalization:		
Normal Flow of Events: <ol style="list-style-type: none">1. When new vehicles arrive at Holiday Travel Vehicles, a new vehicle record is created.2. Store new vehicle records that are vehicle serial number, name, model, year, manufacturer, and base cost.3. Customers have arrived.4. Sale Person negotiates a vehicle purchase with the customer.5. Customer purchases the vehicle.6. Sale person updates the status of the vehicle record and creates a sale invoice.		
Subflows:		
Alternate/Exceptional Flow:		

Activity diagrams 1: New vehicle Record

Activity diagrams 2: Vehicle Purchase

Sequence diagrams: New Vehicle Record**Sequence diagrams: Vehicle Purchase**