

User Story:

As a Workshop Manager

I want to add service record for equipment,

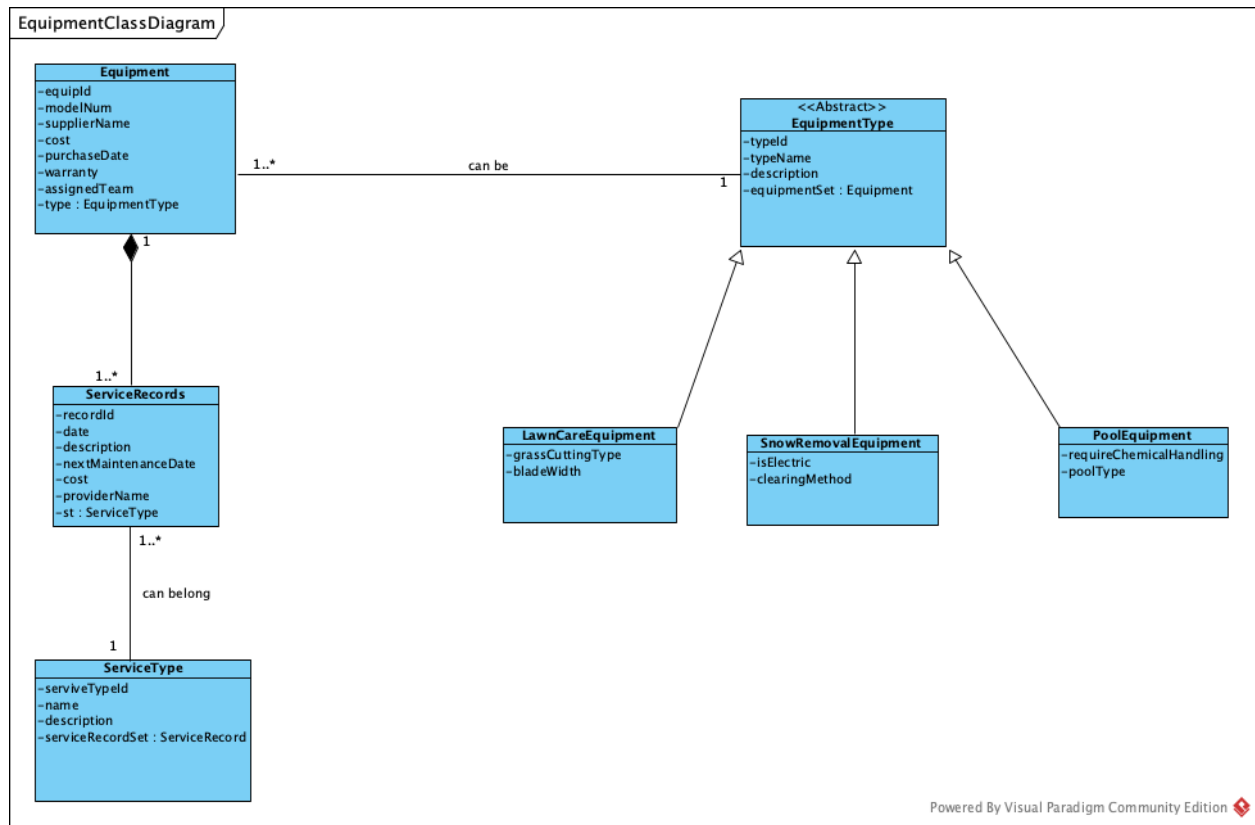
So that I can track and maintain service records on the equipment

Use Case Descriptions

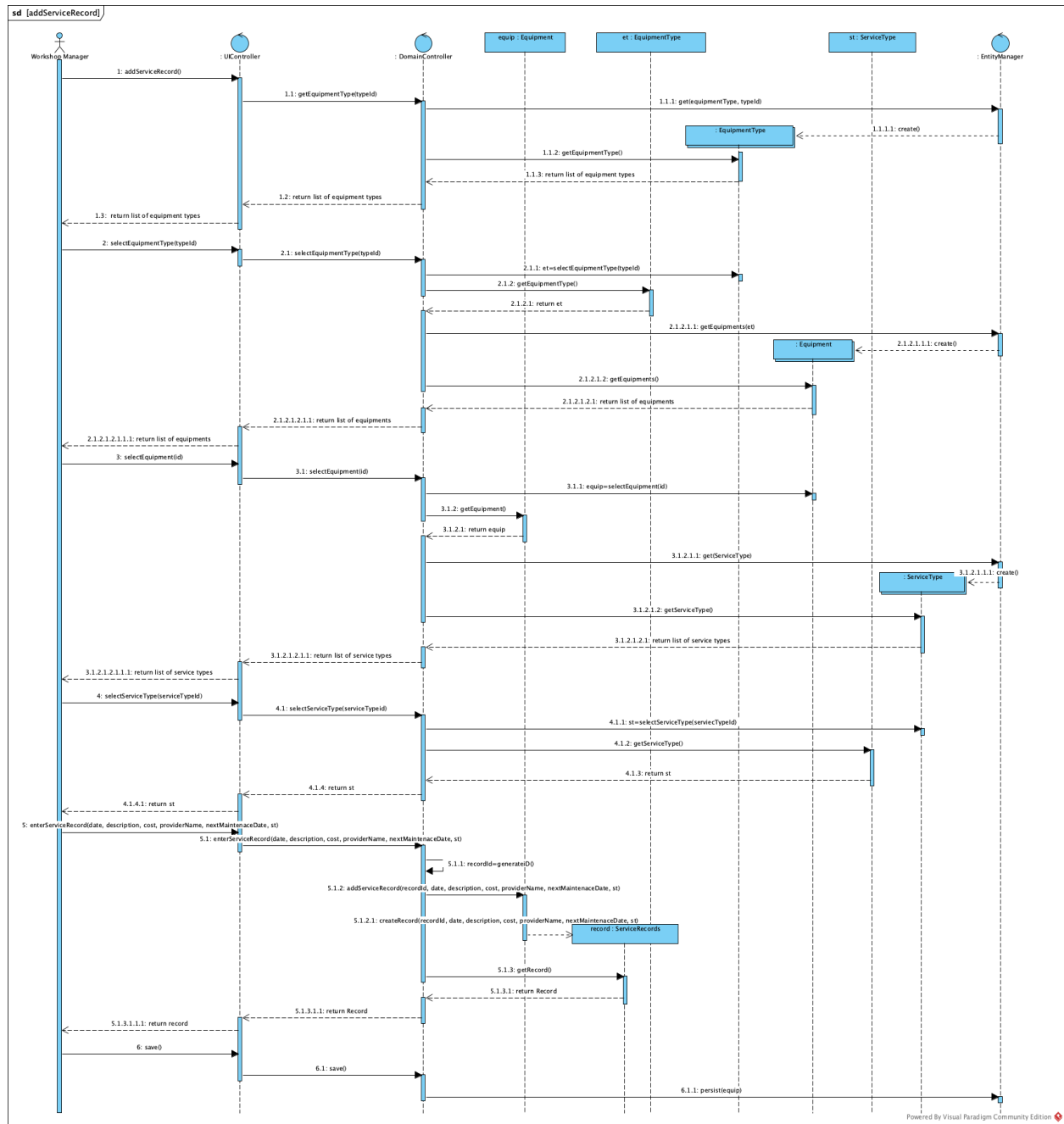
Use Case Name	Create Service Record for an equipment		
Triggering Event	Workshop manager wants to add new service record to the equipment		
Brief Description	Workshop manager adds a service record to track equipment maintenance, linking it to a specific equipment and service type.		
Actors	Workshop manager (
Related Use Cases	UserLogin, QueryServiceRecords		
Preconditions	Workshop Manager is logged in to the system and prepared to enter the new service record		
Post Conditions	New service record is saved under the selected equipment and Equipment's maintenance history is updated.		
Flow of activities	Actor	System	Data Source
	1. Requests to create a service record.	Displays equipment type. Prompts for selection	EquipmentType
	2. Select an equipment type	Displays all valid equipment of selected type. Prompts for equipment selection.	typeId, Equipment
	3. Select the equipment item	Displays service types. Prompts for selection.	equipmentId, Service-Type

	4.	Selects service type	Display the type and Prompts to enter service record details (date, description, cost, providerName, nextMaintenanceDate).	serviceTypeeld
	5.	Enters service record details (date, description, cost, providerName, nextMaintenanceDate) and the service type selected	Validated information entered. Generate the unique id and create a new Service record. Display the newly created service Record. Prompt for confirmation	date, description, cost, providerName, nextMaintenanceDate
	6	Confirm Save	Save the new Record	
Exception Conditions	Workshop manager wishes to stop(cancel) the process			

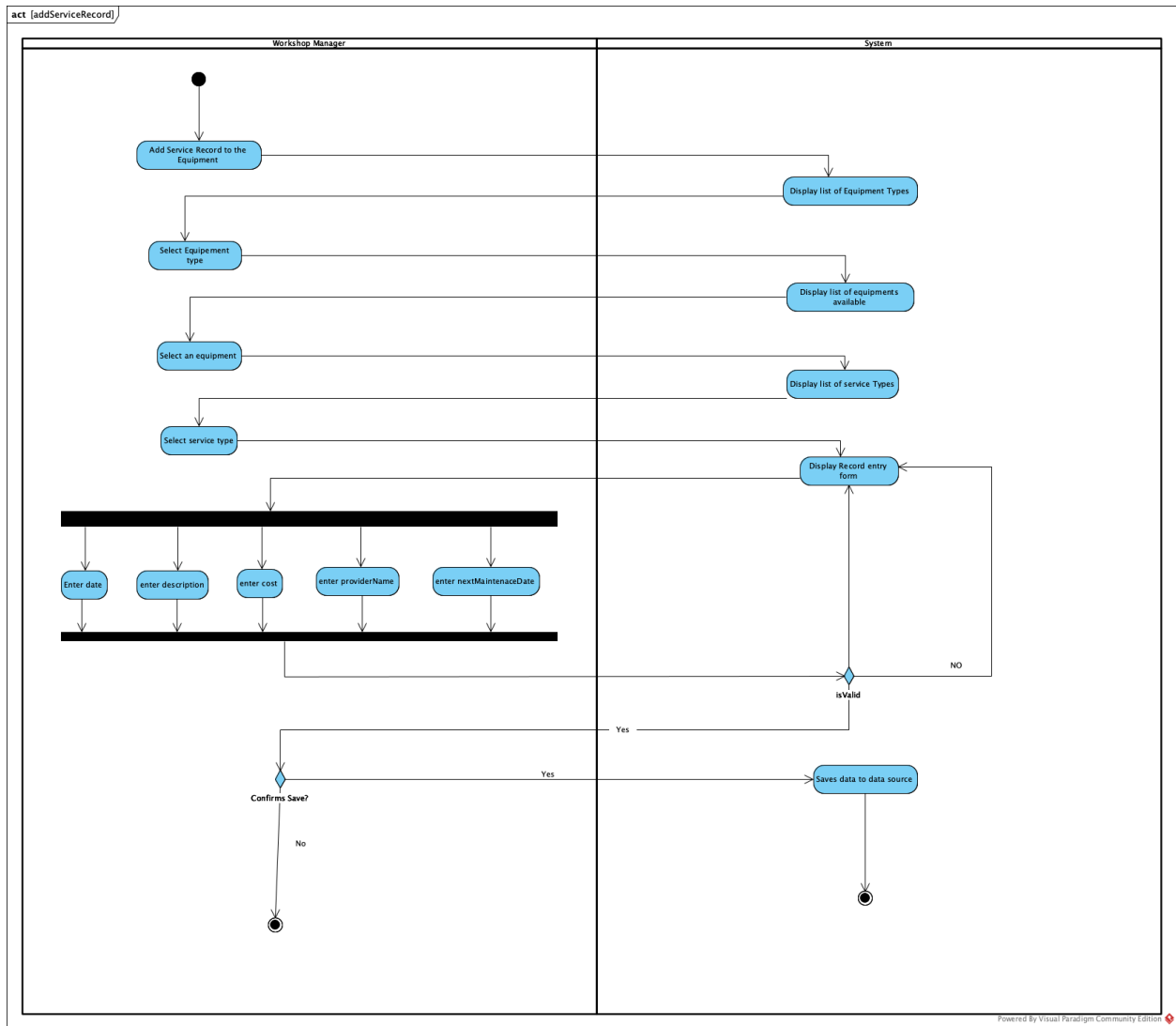
Class Diagram



Sequence Diagram



Activity Diagram



UI MockUp :

<https://wireframe.cc/JOyROp>

ADMIN DASHBOARD

Premium Lawn Care, landscaping
and Pool services in GTA

Add Service
Record

Equipment Type e.g., Lawn Mower, Snow Blower, Trimmer, etc.*

Select equipment item

Service Type e.g. Oil Change, Blade Sharpening, Engine Repair

Date of Service *

Cost (CAD) *

Description*

Provider Name*

Next Maintenance Date *

Cancel

Cofirm & Save

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