# **Advanced Interfaces Exercises**

Before completing any exercises for Designer 203, you must import the VFM application. This application can be found under the main folder.

**Exercise 1: Expression View**

In this exercise you will build a basic interface using the Expression View to request one repair for a car in the Vehicle Fleet Management (VFM) application.

Use the Interface Designer to create a task form that collects maintenance request details from an end user. The interface should adhere to the following guidelines:

1. The form should save to only one rule input of type CDT. Create a CDT called VFM\_request with the following fields:
   1. requestId (integer)
   2. partId (integer)
   3. repairCost (decimal)
   4. reason (text)
   5. dateNeeded (date)
   6. isRoutine (Boolean)
2. Create an interface that collects all fields in the CDT except the request Id. For each field, create the corresponding component.
   1. Part--Dropdown (use the provided getAllVehicleParts query rule to populate the labels and values)
   2. Cost of repair--Decimal
   3. Reason--Paragraph
   4. Needed date--date
   5. Routine Maintenance--Radio button
3. The reason field should only be visible if maintenance is not routine

STRETCH GOAL: Show the repair cost with a currency symbol and default 2 decimal places.