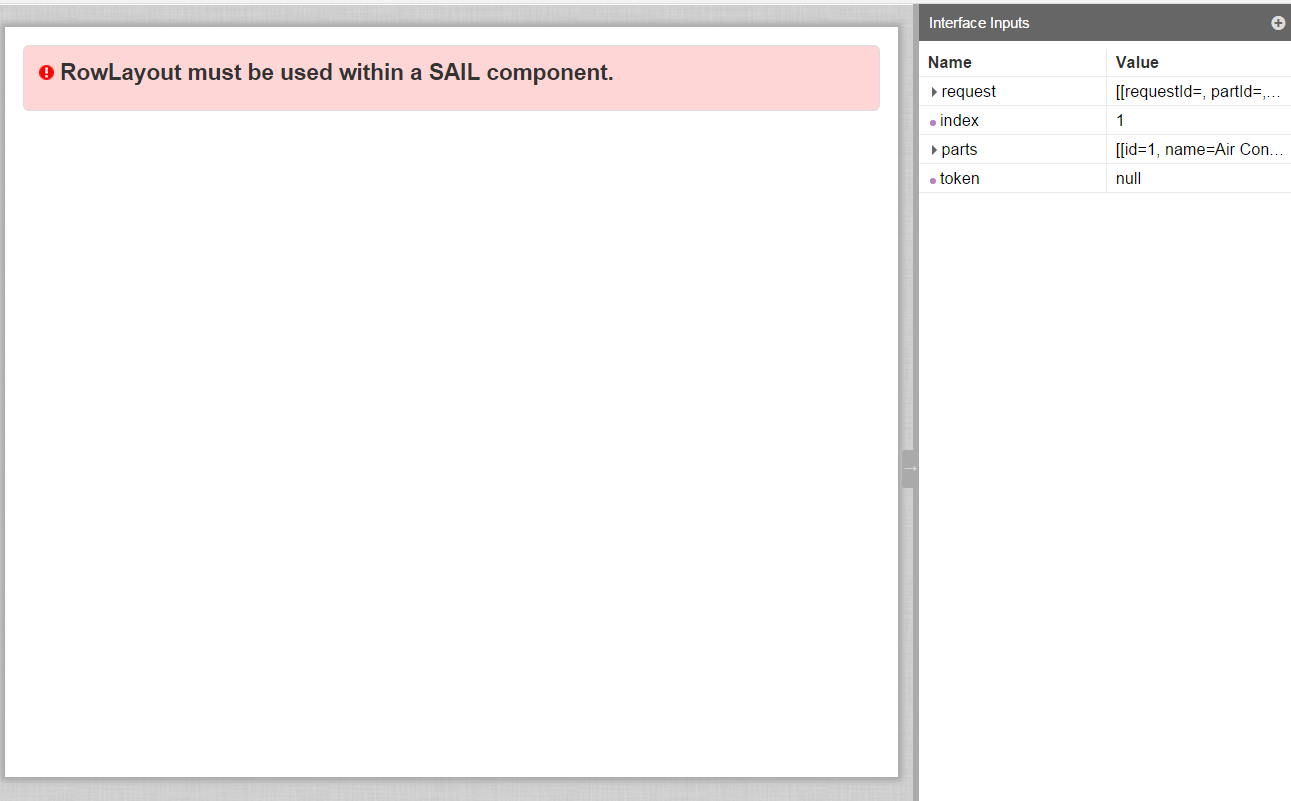
# **Editable Grid Exercises - Solutions**

**Exercise 1: Editable Grids**

Single Row:



**a!gridRowLayout(**

**id: ri!index,**

**contents: {**

a!dropdownField(

label: "Part",

labelPosition: "ABOVE",

choiceLabels: ri!parts.name,

placeholderLabel: "--- Select a Value ---",

choiceValues: ri!parts.id,

value: ri!request[ri!index].partId,

saveInto: ri!request[ri!index].partId,

required: true,

validations: {}

),

a!textField(

label: "Repair Cost",

labelPosition: "ABOVE",

value: ri!request[ri!index].repairCost,

saveInto: ri!request[ri!index].repairCost,

refreshAfter: "UNFOCUS",

required: true,

validations: {}

),

a!dateField(

label: "Date Needed",

labelPosition: "ABOVE",

value: ri!request[ri!index].dateNeeded,

saveInto: ri!request[ri!index].dateNeeded,

validations: {}

),

a!dropdownField(

label: "Type of Maintenance",

labelPosition: "ABOVE",

choiceLabels: {"Routine", "Other"},

placeholderLabel: "Select a type",

choiceValues: {true, false},

value: ri!request[ri!index].isRoutine,

saveInto: ri!request[ri!index].isRoutine,

required: true,

choiceLayout: "STACKED",

validations: {}

),

a!paragraphField(

label: "Description of Repair",

labelPosition: "ABOVE",

value: ri!request[ri!index].reason,

saveInto: ri!request[ri!index].reason,

refreshAfter: "UNFOCUS",

**height: "SHORT",**

validations: {}

),

**a!imageField(**

**size: "ICON",**

**images: a!documentImage(**

**document: a!iconIndicator(icon: "REMOVE"),**

**link: a!dynamicLink(**

**value: ri!index,**

**saveInto: {**

**a!save(ri!request, remove(ri!request, save!value)),**

**a!save(ri!token, remove(ri!token, save!value))**

**}**

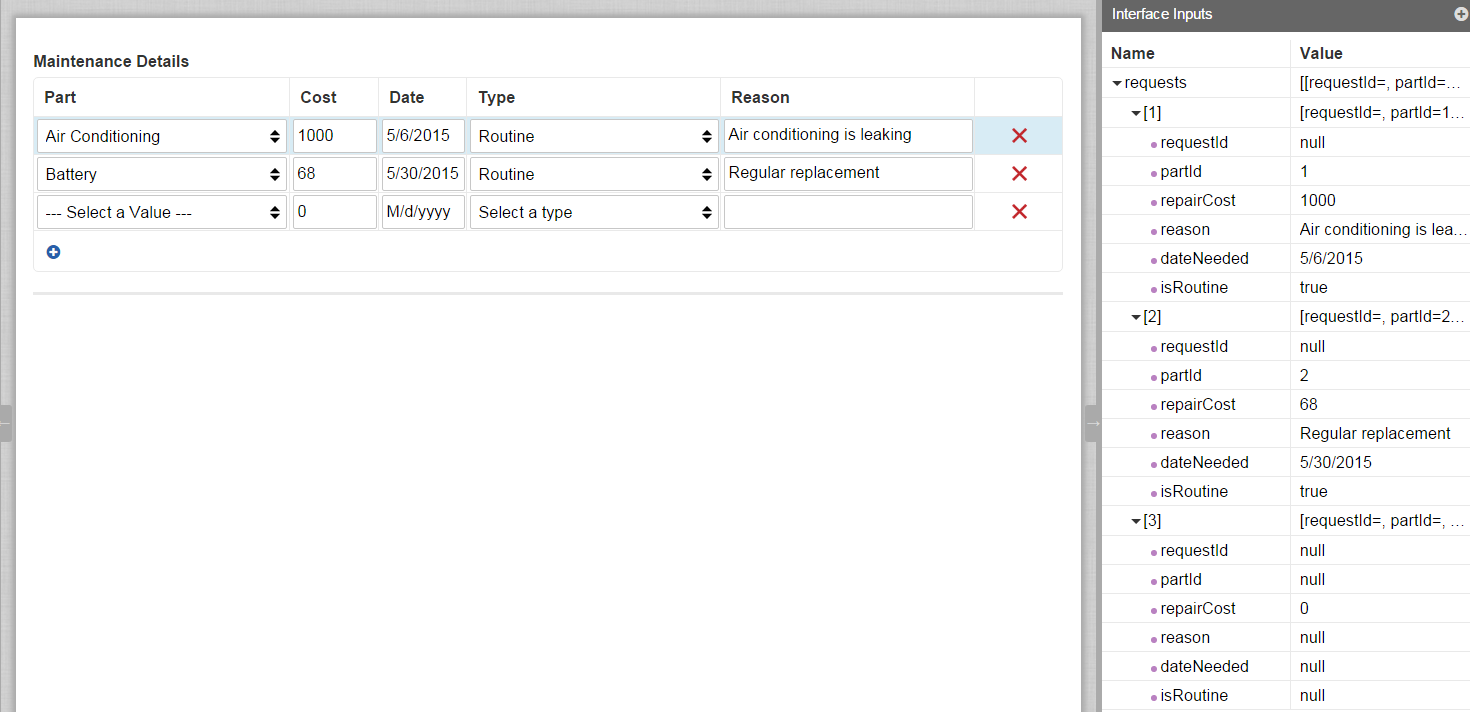
**)**

**)**

**)**

})

Editable Grid:



load(

local!parts: rule!VFM\_getAllVehicleParts(),

local!token,

a!formLayout(

firstColumnContents: {a!gridLayout(

label: "Maintenance Details",

headerCells: {

a!gridLayoutHeaderCell(label: "Part"),

a!gridLayoutHeaderCell(label: "Cost"),

a!gridLayoutHeaderCell(label: "Date"),

a!gridLayoutHeaderCell(label: "Type"),

a!gridLayoutHeaderCell(label: "Reason"),

a!gridLayoutHeaderCell(label: "")

},

columnConfigs: {

a!gridLayoutColumnConfig(width: "DISTRIBUTE"),

a!gridLayoutColumnConfig(width: "NARROW"),

a!gridLayoutColumnConfig(width: "NARROW"),

a!gridLayoutColumnConfig(width: "DISTRIBUTE"),

a!gridLayoutColumnConfig(width: "DISTRIBUTE"),

a!gridLayoutColumnConfig(width: "NARROW")

},

rows: a!applyComponents(

function: rule!VFM\_requestRepair(

request: ri!requests,

index: \_,

parts: local!parts,

token: local!token

),

array: if(

or(isnull(ri!requests), count(ri!requests)<1),

{},

1+enumerate(count(ri!requests))

),

arrayVariable: local!token

)

),

addRowLink: a!dynamicLink(

label: "",

value: type!VFM\_request(repairCost: 0),

saveInto: {

a!save(ri!requests, append(ri!requests, save!value)),

a!save(local!token, append(local!token, save!value))

}

)

)

}

)

)