**Part 1 - Create the Getting Started Objects**

**Creamos la aplicación**

## Crear nueva aplicación

**Nombre** *

ADV Interfaces Practice

**Prefijo** ❓

ADV

**Descripción**

Advanced Interface Creation Exercises

☑ Genere grupos y carpetas para asegurar y organizar objetos

CANCELAR          CREAR

## Revisar la seguridad de la aplicación

💡 **Sugerencia:** los usuarios básicos deben tener al menos derechos de visualización para ver las fuentes y las acciones de una aplicación publicada en tiempo de ejecución. Aprende más ↗

**Nombre**

⊞ Práctica de interfaces ADV

| Usuario o Grupo | Nivel de permiso | |
|---|---|---|
| Predeterminado (todos los demás usuarios) | Sin acceso ▼ | |
| Administradores ADV | Administrador ▼ | ✕ |
| Usuarios ADV | Espectador ▼ | ✕ |
| ➕ Agregar usuarios o grupos | | |

**Creamos el CDT llamado ADV_ItemInInventory**

# Create Data Type

● Create from scratch

○ Duplicate existing data type

○ Create from database table or view

○ Import XSD

**Namespace** *

urn:com:appian:types:ADV

Formatted as a URI, for example 'urn:com:appian:types:COB' for a client onboarding application

**Name** *

ADV_ItemInInventory

**Description**

Captura los datos de cada artículo en el inventario de suministros de oficina

CANCEL                                        CREATE

| ADV_ItemInInventory | | | | | SAVE CHANGES | ⚙▾ | app |

**Fields (12)**

| Name | Type | Length ❓ | Array | Key | | | | |
|---|---|---|---|---|---|---|---|---|
| id | Number (Integer) ✖ | | ☐ | 🔑 | ↑ | ↓ | ✖ | |
| name | Text ✖ | 255 | ☐ | | ↑ | ↓ | ✖ | |
| description | Text ✖ | 255 | ☐ | | ↑ | ↓ | ✖ | |
| cost | Number (Decimal) ✖ | | ☐ | | ↑ | ↓ | ✖ | |
| sku | Text ✖ | 255 | ☐ | | ↑ | ↓ | ✖ | |
| imageId | Number (Integer) ✖ | | ☐ | | ↑ | ↓ | ✖ | |
| inStock | Boolean ✖ | | ☐ | | ↑ | ↓ | ✖ | |
| color | Text ✖ | 255 | ☐ | | ↑ | ↓ | ✖ | |
| addedBy | Text ✖ | 255 | ☐ | | ↑ | ↓ | ✖ | |
| addOn | Date ✖ | | ☐ | | ↑ | ↓ | ✖ | |
| lastModifiedBy | Text ✖ | 255 | ☐ | | ↑ | ↓ | ✖ | |
| lastModifiedOn | Date ✖ | | ☐ | | ↑ | ↓ | ✖ | |

➕ New Field

**Creamos las carpetas principales y secundarias**

# Create Rule Folder

**Name** *

ADV Interfaces

**Description**

Folder used to stored interfaces for the ADV application

**Parent**

📁 ADV Rules & Constants ✖                                        ☰

CANCEL                                        CREATE

# Create Rule Folder

**Name** *

ADV Constants

**Description**

Folder used to store constants for the ADV application

**Parent**

📁 ADV Rules & Constants ✖                                                    ☰

CANCEL                                                                    **CREATE**

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**ADV Interfaces Practice**          IMPORT PACKAGE  PACKAGES  COMPARE AND DEPLOY  ⚙▾  🔍 ▦  👤          **appian**

≡ ALL OBJECTS  ⚙ PLUG-INS  ○ UNREFERENCED OBJECTS

| | | Name | Description | Last Modified |
|---|---|---|---|---|
Name or description 🔍 ▾     NEW ▾  ADD EXISTING ▾  ⟳                                   All Application Objects ▾  ☰ ⊟

Clear Filters

**OBJECT TYPE**
☐ Connected System
☐ Constant
☐ Data Store
☐ Data Type
☐ Decision
☐ Document
☐ Expression Rule

| | | Name | Description | Last Modified |
|---|---|---|---|---|
| ☐ | 📄 | ADV Documents and Files | Folder containing all documents and files for the ADV application | 8/10/2022 3:12 AM by Jesús Alberto Guz... |
| ☐ | 📁 | ADV All Rules & Constants | Rules and constants folder for the ADV Interfaces Practice application | 8/10/2022 3:10 AM by Jesús Alberto Guz... |
| ☐ | 📁 | ADV Constants | Folder used to store constants for the ADV application | 8/10/2022 3:04 AM by Jesús Alberto Guz... |
| ☐ | 📁 | ADV Interfaces | Folder used to stored interfaces for the ADV application | 8/10/2022 3:03 AM by Jesús Alberto Guz... |

**Creamos constante ADV_COLOR_LIST**

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# Create Constant

**Name** *

ADV__COLOR_LIST

**Description**

Constante que contiene la lista de colores utilizados para describir los artículos en el inventario de suministros de oficina

**Type** *

Text                                                                        ▾

☑ Array (multiple values)

**Values (8)** ❓

Red
Green
Blue
Purple
Pink
Yelow
Orange
Black

CANCEL                                                                    **CREATE**

**Creamos constante ADV_CONS_DOC_FOLDER**

## Create Constant

⦿ Create from scratch  ◯ Duplicate existing constant

**Name** *

ADV__CONS_DOC_FOLDER

**Description**

Constant  pointing to the document folder

**Type** *

Folder ▾

☐ Array (multiple values)

**Value**

🗁 ADV Documents and Files ✕                                      ☰

**Environment Specific** ❓
☐ Different environments need to have different values for this constant

**Save In** *

🗁 ADV Constants ✕                                                ☰

CANCEL                                                      **CREATE**

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**Part 2 - Build a Basic Interface Using Expressions**

**Creamos una interfaz llamada ADV_AddItemToInventory**

## Create Interface

⦿ Create from scratch  ◯ Duplicate existing interface

**Name** *

ADV_AddItemToInventory

**Description**

Formulario para agregar un nuevo artículo al inventario de productos

**Save In** *

🗁 ADV Interfaces ✕                                               ☰

Create New Rule Folder

CANCEL                                                      **CREATE**

**Agregamos una regla de entrada llamada "item"**
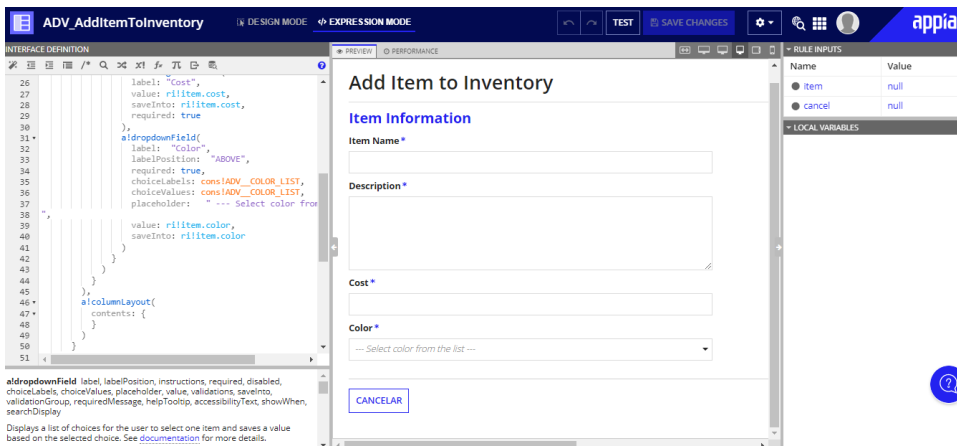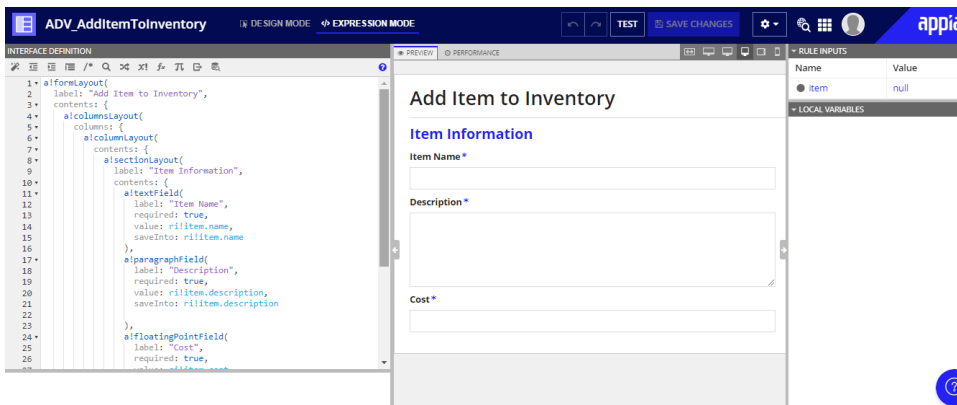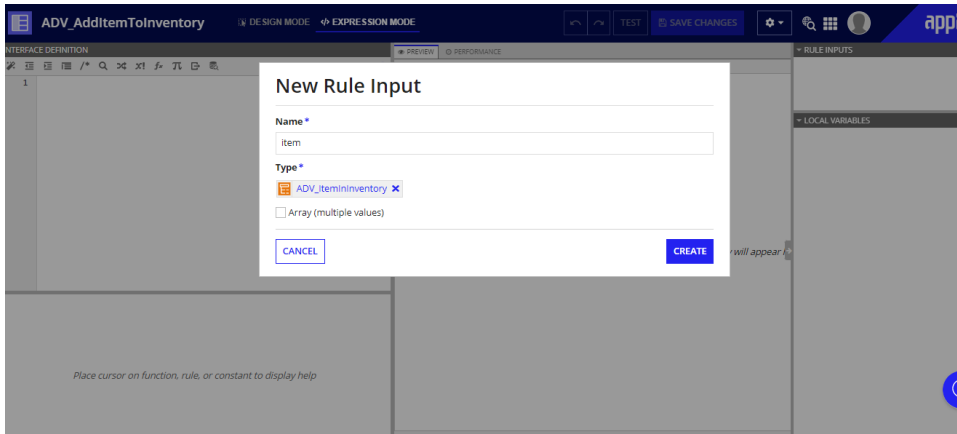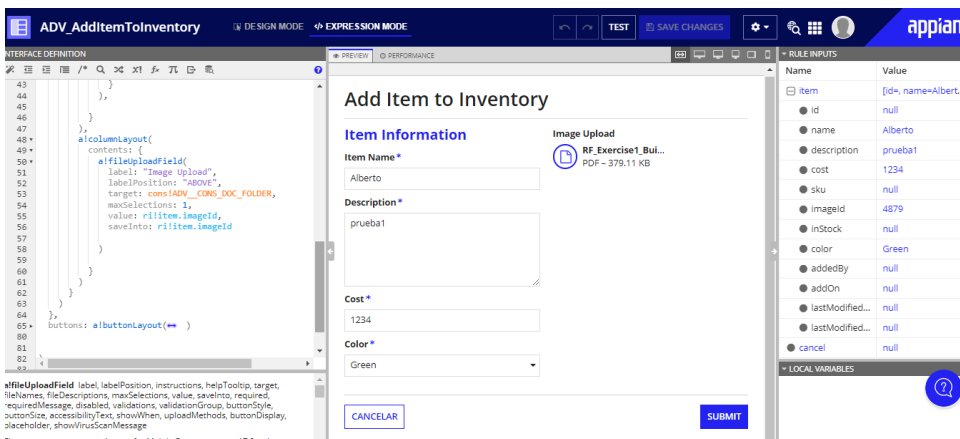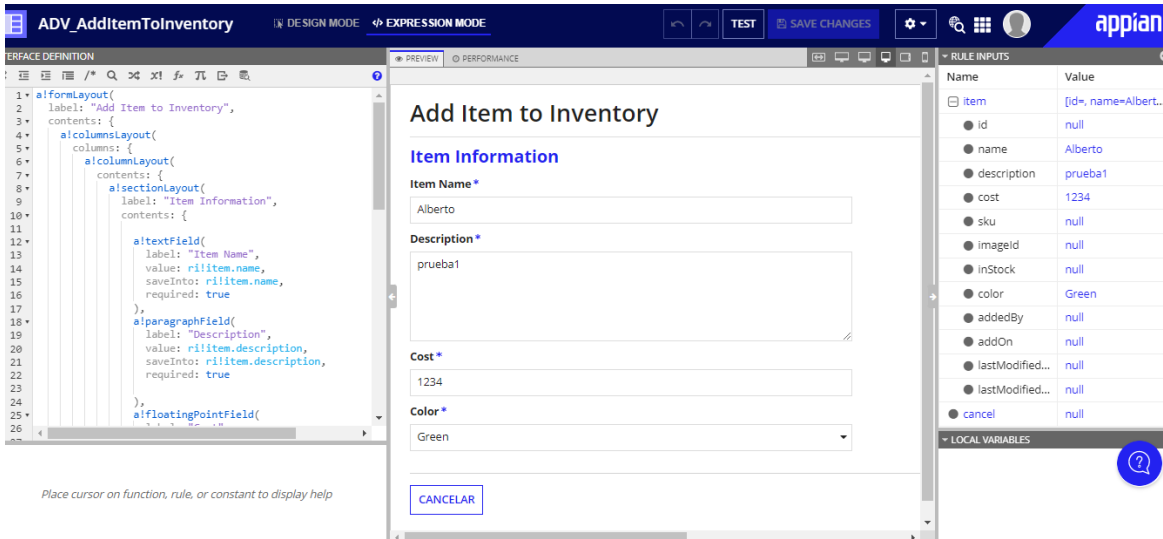
## Parte 3: crear y guardar variables locales
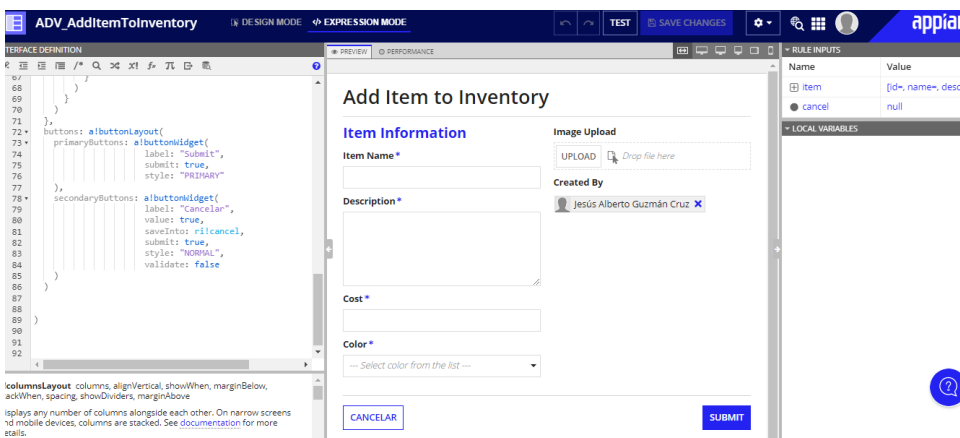
ADV_AddItemToInventory   DESIGN MODE   EXPRESSION MODE   TEST   SAVE CHANGES

INTERFACE DEFINITION

PREVIEW   PERFORMANCE

```
46    a!columnLayout(
47      contents: {
48        a!fileUploadField(
49          label: "Image Upload",
50          labelPosition: "ABOVE",
51          target: cons!ADV__CONS_DOC_FOLDER,
52          maxSelections: 1,
53          value: ri!item.imageId,
54          saveInto: ri!item.imageId
55        ),
56        a!pickerFieldUsers(
57          label: "Created By",
58          labelPosition: "ABOVE",
59          maxSelections: 1,
60          value: ri!item.addedBy,
61          saveInto: ri!item.addedBy
62        )
63      }
64    )
65    }
66  )
67  },
68  buttons: a!buttonLayout(
69    primaryButtons: a!buttonWidget(
70      label: "Submit",
71      submit: true,
72
```

Place cursor on function, rule, or constant to display help

## Add Item to Inventory

### Item Information

Item Name *

Description *

Cost *

Color *

--- Select color from the list ---

**Image Upload**

UPLOAD   Drop file here

**Created By**

Jesús Alberto Guzmán Cruz ✕

CANCELAR     SUBMIT

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ADV_AddItemToInventory   DESIGN MODE   EXPRESSION MODE   TEST   SAVE CHANGES   appian

INTERFACE DEFINITION

PREVIEW   PERFORMANCE   RULE INPUTS

```
61        value: local!defaultUser,
62        saveInto: local!defaultUser
63      )
64    }
65  )
66  }
67  )
68  },
69  buttons: a!buttonLayout(
70    primaryButtons: a!buttonWidget(
71      label: "Submit",
72      submit: true,
73      style: "PRIMARY",
74      saveInto: a!save(ri!item.addedBy, local!defaultU
75    ),
76    secondaryButtons: a!buttonWidget(
77      label: "Cancelar",
78      value: true,
79      saveInto: ri!cancel,
80      submit: true,
81      style: "NORMAL",
82      validate: false
83    )
84  )
85  )
86  }
```

Place cursor on function, rule, or constant to display help

## Add Item to Inventory

### Item Information

Item Name *
Prueba2

Description *
Prueba2

Cost *
22

Color *
Orange

**Image Upload**

UPLOAD   Drop file here

**Created By**

Jesús Alberto Guzmán Cruz ✕

CANCELAR     SUBMIT

| Name | Value |
|---|---|
| item | [Id=, name=Prueb... |
| id | null |
| name | Prueba2 |
| description | Prueba2 |
| cost | 22 |
| sku | null |
| imageId | null |
| inStock | null |
| color | Orange |
| addedBy | jaguzmanc@indra... |
| addOn | null |
| lastModified... | null |
| lastModified... | null |
| cancel | null |

**LOCAL VARIABLES**

| Name | Value |
|---|---|
| defaultUser (1 i... | [jaguzmanc@indra... |
| [1] | jaguzmanc@indra... |