

Challenge-1:


First Install the Un-Managed package on ur Trailhead -04tf400000105si

After that

On go to the Product object and insert the following record

Product Name	Product Family	Initial Inventory	Quantity Ordered	Active	Standard Price
Pizza	Entree	25	0	true	\$20.00
Garlic Bread	Side	20	0	true	\$6.00
Chocolate Cake	Dessert	15	0	true	\$5.00
Coconut Water	Beverage	10	0	true	\$3.00
Hamburger	Entree	25	0	true	\$20.00
French Fries	Side	20	0	true	\$6.00
Carrot Cake	Dessert	15	0	true	\$5.00
Lemonade	Beverage	10	0	true	\$3.00
Hot Dog	Entree	25	0	true	\$10.00
Onion Rings	Side	20	0	true	\$6.00
Jello	Dessert	15	0	true	\$2.50
Iced Tea	Beverage	10	0	true	\$3.00

Than Go to the object Manager and Product object and edit the Product Family Filed
Like the image below and create the Product Family.

 **SETUP > OBJECT MANAGER**
Product

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Picklist Values Used

Active picklist values 4 (1,000 max)

Inactive picklist values 1

Field Dependencies [New](#)

No dependencies defined.

Validation Rules [New](#)

No validation rules defined.

Product Family Picklist Values [New](#) [Reorder](#) [Replace](#) [Printable View](#) [C](#)

Action	Values	API Name	Default	Chart Colors
Edit Del Deactivate	Entree	Entree	<input type="checkbox"/>	Assigned dynamically
Edit Del Deactivate	Side	Side	<input type="checkbox"/>	Assigned dynamically
Edit Del Deactivate	Dessert	Dessert	<input type="checkbox"/>	Assigned dynamically
Edit Del Deactivate	Beverage	Beverage	<input type="checkbox"/>	Assigned dynamically

Entree, Side, Dessert, Beverage(Product Family)

Then Create a 2 custom Label as follows .

Create two custom labels with the following attributes:

Short Description	Name	Categories	Value	Protected Component
Select One	Select_One	constants	Select one	Unchecked
Inventory Level Low	Inventory_Level_Low	constants	Has a low inventory	Unchecked

Create an Apex class named `Constants`, defining the following constants.