

## Problem

## Product Category - Create

Instasmart essentials have a wide variety of products which comes under a huge number of product categories. Since there is a huge number of products, the users find difficulty in searching the products based on purposes. Help them to create a new domain named 'ProductCategory' with the mentioned attributes. Create and validate the ProductCategory for all the required fields.

### Constraints:

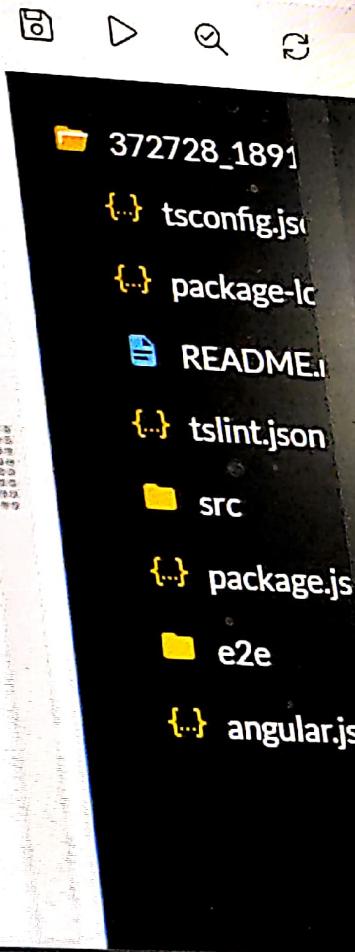
Create a class `ProductCategory` with the following attributes

Attribute	Data type
<code>id</code>	Number
<code>category</code>	String
<code>isVisible</code>	Boolean
<code>imageURL</code>	String

### Technical Description:

- Create the `DashboardComponent`. Call the `HeaderNavComponent` in the `DashboardComponent`. `HeaderNavComponent` is given in the template.
- Create product category component

## Program



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Technical Description:

- Create the DashboardComponent. Call the HeaderNavComponent from the DashboardComponent. HeaderNavComponent is given in the template.
- Create product category component.
- While passing the URL '/productCategory/create', go to the CreateProductCategoryComponent.
- The component 'create-product-category' and class 'ProductCategory' is given as a part of the template code.
- The create-product-category.component.html page is used to display the form for getting all the product category-related details from the user.
- Use the reactive forms for the product category form.
- While clicking on the button CREATE, pass the form values to ProductCategory class constructor. And create a product category instance. Then navigate to the URL '/productCategory/show' in the ViewProductCategoryComponent.
- The view-product-category.component.html page is used to display the view page of the product category as displayed in the screenshots.
- Implement the methods inside the ProductCategoryService to retrieve the list of product values.
- While clicking on the CANCEL button, reset the values from the product category create form.

Note : Kindly adhere to the technical description and screenshots

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Program Angular

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tsconfig.json  
package-lock.json  
README.md  
tslint.json  
src  
package.json  
e2e  
angular.json

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values.

- While clicking on the CANCEL button, reset the values from the product category create form.

Note : Kindly adhere to the technical description and screenshots.

Screenshot 1 :

INSTASMART

Product Category

Create Product Category

Category Name

Image Path

Enter description

Is Visible

CANCEL CREATE

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## Screenshot 2 :

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INSTASMART

Product Category

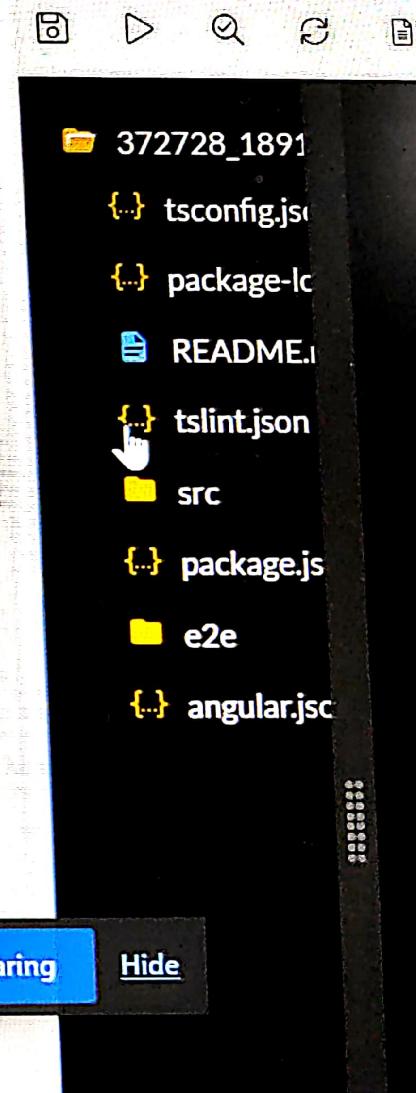
## Furnitures

Name  
Furnitures

Description  
Furniture includes objects such as tables, chairs, beds, desks, backpacks, dressers, and cupboards. These objects are used in a house or other building to make it suitable or comfortable for living or working in.

Image

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## Screenshot 3 :

1

K INSTASMART

Product Category

## Furnitures

Name

Furnitures

Description

Furniture includes objects such as tables, chairs, beds, desks, backpacks, dressers, and cupboards. These object house or other building to make it suitable or comfortable for living or working in.

Image

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Screenshot 4:

The screenshot shows a web application interface for creating a product category. At the top left is the logo 'INSTASMART'. Below it, a navigation bar includes 'Product Category'. The main content area has a title 'Create Product Category'. It contains two primary input fields: 'Category Name' and 'Image Path'. Both fields have red validation messages: 'Category Name cannot be blank' and 'Image URL cannot be blank' respectively. Below these fields are optional inputs: 'Enter description' (with message 'Description cannot be blank') and a checkbox labeled 'Is Visible' (unchecked). At the bottom are 'CANCEL' and 'CREATE' buttons. A cursor is hovering over the 'CREATE' button. A watermark 'persistentpro.e-box.co.in is sharing your screen.' is visible at the bottom.

Program

Angular



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- ({...} tsconfig.json)
- ({...} package-lock.json)
- 📄 README.md
- ({...} tslint.json)
- 📁 src
- ({...} package.json)
- 📁 e2e
- ({...} angular.json)

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Screenshot 5:

INSTASMART

Product Category

Create Product Category

Category Name  
Category Name cannot be blank

Enter description  
Description cannot be blank

Is Visible

CANCEL CREATE

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Program Angular

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tsconfig.json

package-lock.json

README.md

tslint.json

src

package.json

e2e

angular.json



## TestCase Details :

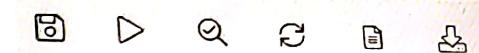
**Important Note: Component name or Filename, className, id, and text are case sensitive.**

Goto the URL '/productCategory/create'

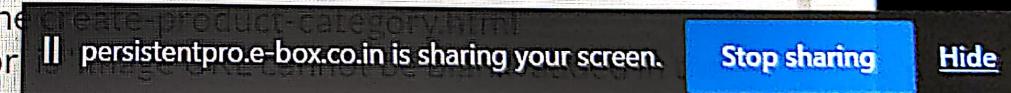
- 1) Check the tag 'app-root' added in the index.html
- 2) Check the component 'app-dashboard' added.
- 3) Provide the empty input for input tag with id 'category' in the create-product-category.html  
Provide the empty input for input tag with id 'imageURL' in the create-product-category.html  
Provide the empty input for textarea tag with id 'imageURL' in the create-product-category.html
- 4) Check the element with id 'descriptionError' added in the create-product-category.html
- 5) Check the element with id 'categoryError' in the create-product-category.html  
Check the text of element with id 'categoryError' is 'Category Name cannot be blank' added in the create-product-category.html
- 6) Check the element with id 'imageURLError' in the create-product-category.html  
Check the text of element with id 'imageURLError' is 'Image URL cannot be blank' added in the create-product-category.html

## Program

Angular



```
372728_1891
tsconfig.json
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e2e
angular.json
```



Check the text of element with id 'categoryError' is 'Category Name cannot be blank' added in the create-product-category.html



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Check the text or element with id 'categoryError' is 'Category Name cannot be blank' added in the create-product-category.html

1) Check the element with id 'imageURLError' in the create-product-category.html  
Check the text of element with id 'imageURLError' is 'Image URL cannot be blank' added in the create-product-category.html

2) Check the text of element with id 'descriptionError' is 'Description cannot be blank' added in the create-product-category.html

3) Provide the input for input tag with id 'description' as 'Furniture refers to movable objects intended to support various human activities such as seating, eating (tables), and sleeping. Furniture is also used to hold objects at a convenient height for work, or to store things.'

4) Provide the input for input tag with id 'category' as 'Table Catalog Category'

5) Provide the input for input tag with id 'imageURL' as 'assets/images/products/chair.png'

6) Click the element with id 'createProductCategory' added

7) Check the element with id 'category-heading' added  
Check the text of element with id 'category-heading' is 'Table Catalog Category'

8) Check the element with id 'category-name' added  
Check the text of element with id 'category-name' is 'Table Catalog Category'

9) Check the element with id 'catagory-img' added  
Check the src of element with id 'catagory-img' is 'assets/images/products/chair.png'

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