

# Prestashop adesigner module

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## Target

I need a "skeleton" module for Prestashop that will serve as a base to integrate our furniture designer (configurator) in the system, so that certain products can be customized at will.

This module should provide the basic customization functionalities that we need, and then we will add Javascript code to fill in the basic fields with data from our furniture designer.

First task is to create this skeleton, and then there could be additional tasks - customizing the display of the product in the order page for instance - but there will only be defined after we make the first integration of our furniture designer

## General idea

Product A is set as "customizable with designer" in the module admin.

When opening the product page for product A, our configurator will appear - in this skeleton project, it will only be a DIV with a "project number" field and a "price" field. We will later hide these fields and populate them with Javascript.

The user will then click a custom "add to cart" button, which will add product A to his shopping cart, with customization data "project number" and price updated to the value of the "price" field.

## Product page

On the product page, for a specific set of products, we want:

- To hide the default price and "add to cart" button
- To add a section "Customization" (a full-width DIV) below the standard product description.

In the "Customization" section will be:

- designer\_model: a text field populated by the module, and coming from the module configuration. For example, for product A it could be "shelf", for product B it could be "cabinet", etc. It will be used by our configurator to offer the relevant options to the user
- project\_number: text field
- price: number field
- A specific "Add to cart" button

When clicking on the new "add to cart" button, the product will be added to the cart with the customization - ie price is changed, and project number is

## Admin panel

We need an admin panel with:

- A way to edit the list of products in the catalog that will be customizable by the module (ie our configurator)
- A way to set and edit a "designer\_model" value to each of these products: it will be used by our furniture designer to display the relevant configuration options to the user

# Reference

<https://www.prestashop.com/forums/topic/549666-guide-the-new-customization-system-in-prestashop-17/>