Symfony SF Chaustore v3

Date du brief : 04/11/2019　　　　　　　　　　　　Date du rendu : 17/11/2019

Tags : PHP – SQL – GIT

Compétences visées : Créer une base de données, Développer des composants d'accès aux données, Développer la partie back-end d'une application Web

Livrables attendus

Un dépôt GitHub avec l'ensemble des fichiers nécessaires au bon fonctionnement du site (des commits devront être réalisés régulièrement afin de pouvoir suivre l'évolution du projet).

Une présentation du projet expliquant (de manière détaillée) votre démarche, le déroulement, les obstacles rencontrés, les solutions mises en place…

Énoncé du brief

Vous avez eu l'occasion, lors d'un précédent projet, de développer le back-office d'une boutique de chaussures "from scratch". Cette méthode peut parfois être fastidieuse, répétitive et n'apporter que peu de valeur ajoutée au projet.

Vous avez depuis découvert le framework Symfony et toutes les promesses qui vont avec ! Ce projet est l'occasion de voir en pratique ce que l'utilisation d'un tel outil peut vous apportez sur vos futurs projets.

Vous l'aurez compris vous allez devoir redévelopper l'interface d'administration de la boutique mais en utilisant SF.

Les objectifs restent les mêmes

A savoir :

- une interface simple, fonctionnelle et graphiquement épurée ;
- la possibilité de visualiser / ajouter / modifier / supprimer les catégories, les marques, les couleurs, les tailles, les produits et les stocks ;
- lors de la suppression d'un élément, une confirmation sera demandée à l'utilisateur ;
- en option : l'accès à l'interface sera sécurisé ;
- en option : les pages d'erreur seront personnalisées.

Informations complémentaires

La base de données n'est plus fournie mais votre structure doit reprendre les mêmes éléments.

Vous devez utiliser Symfony Maker pour réaliser ce projet.

Vous ne devez utiliser aucun module / bundle supplémentaire (hors Symfony).

Ce projet est normalement à réaliser en 1 semaine mais compte-tenu des autres projets en cours nous vous laissons 2 semaines pour travailler dessus. Date de rendu : dimanche 17 novembre à 23h59.

Présentation du projet

expliquant (de manière détaillée) votre démarche, le déroulement, les obstacles rencontrés, les solutions mises en place…

Recherche d'informations sur

    a) Documentation Symfony : Databases and the Doctrine ORM

    b) le CRUD avec Symfony

Rem : Projet non terminé :

- Visualisation (CRUD) des stocks non réalisé

- « *lors de la suppression d'un élément, une confirmation sera demandée à l'utilisateur* » : non réalisé

Détails des tâches réalisées.

Création du projet

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets$ symfony new SF-ChaustoreV3 --full

Version 4.10.1 is available. Do you want to update now (execution will continue after whatever you decide) ? [Y/n]: n
OK, I'll ask you again tomorrow.
You can upgrade manually at any time using the `self:update` command

* Creating a new Symfony project with Composer
  (running /usr/local/bin/composer create-project symfony/website-skeleton SF-ChaustoreV3)

* Setting up the project under Git version control
  (running git init SF-ChaustoreV3)

 [OK] Your project is now ready in
 /home/chapierf/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3
```

Mise à jour de la base de données pour le projet

```
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  GNU nano 2.9.3                                        .env

# In all environments, the following files are loaded if they exist,
# the latter taking precedence over the former:
#
#  * .env                contains default values for the environment variables needed by the app
#  * .env.local          uncommitted file with local overrides
#  * .env.$APP_ENV       committed environment-specific defaults
#  * .env.$APP_ENV.local uncommitted environment-specific overrides
#
# Real environment variables win over .env files.
#
# DO NOT DEFINE PRODUCTION SECRETS IN THIS FILE NOR IN ANY OTHER COMMITTED FILES.
#
# Run "composer dump-env prod" to compile .env files for production use (requires symfony/flex >=1.2).
# https://symfony.com/doc/current/best_practices/configuration.html#infrastructure-related-configuration

###> symfony/framework-bundle ###
APP_ENV=dev
APP_SECRET=0329bb8c774dd685a91c15c608090f0c
#TRUSTED_PROXIES=127.0.0.0/8,10.0.0.0/8,172.16.0.0/12,192.168.0.0/16
#TRUSTED_HOSTS='^localhost|example\.com$'
###< symfony/framework-bundle ###

###> doctrine/doctrine-bundle ###
# Format described at https://www.doctrine-project.org/projects/doctrine-dbal/en/latest/reference/configuration.html#conn$
# For an SQLite database, use: "sqlite:///%kernel.project_dir%/var/data.db"
# For a PostgreSQL database, use: "postgresql://db_user:db_password@127.0.0.1:5432/db_name?serverVersion=11"
# IMPORTANT: You MUST configure your db driver and server version, either here or in config/packages/doctrine.yaml
DATABASE_URL=mysql://fabrice             @127.0.0.1:3306/chaustore?serverVersion=5.7
###< doctrine/doctrine-bundle ###

###> symfony/swiftmailer-bundle ###
# For Gmail as a transport, use: "gmail://username:password@localhost"
# For a generic SMTP server, use: "smtp://localhost:25?encryption=&auth_mode="
# Delivery is disabled by default via "null://localhost"
MAILER_URL=null://localhost
###< symfony/swiftmailer-bundle ###


^G Aide        ^O Écrire      ^W Chercher    ^K Couper      ^J Justifier   ^C Pos. cur.   M-U Annuler    M-A Marquer
^X Quitter     ^R Lire fich.  ^\ Remplacer   ^U Coller      ^T Orthograp.  ^  Aller lig.  M-E Refaire    M-6 Copier
```

Mapping import & make entity

```
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chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console doctrine:mapping:import "App\Entity" annotation --path=src/Entity
Importing mapping information from "default" entity manager
  > writing src/Entity/Brand.php
  > writing src/Entity/Category.php
  > writing src/Entity/Color.php
  > writing src/Entity/Product.php
  > writing src/Entity/Size.php
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$
```

```
Fichier  Édition  Affichage  Rechercher  Terminal  Aide
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:entity --regenerate App

 updated: src/Entity/Category.php
 updated: src/Entity/Product.php
 updated: src/Entity/Size.php
 updated: src/Entity/Color.php
 updated: src/Entity/Brand.php

  Success!

chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$
```

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console cache:clear

 // Clearing the cache for the dev environment with debug true

  [OK] Cache for the "dev" environment (debug=true) was successfully cleared.

chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:migration

  Success!

 Next: Review the new migration "src/Migrations/Version20191116220747.php"
 Then: Run the migration with php bin/console doctrine:migrations:migrate
 See https://symfony.com/doc/current/bundles/DoctrineMigrationsBundle/index.html
```

Rem : impossibilité de créer directement l'entité stock via cette procédure : création manuelle

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console doctrine:migrations:migrate

                    Application Migrations

WARNING! You are about to execute a database migration that could result in schema changes and data loss. Are you sure you wish to continue? (y/n)y
Migrating up to 20191116220747 from 0

  ++ migrating 20191116220747

     -> ALTER TABLE category CHANGE name name VARCHAR(63) NOT NULL
     -> DROP INDEX name ON product
     -> ALTER TABLE product CHANGE category_id category_id INT UNSIGNED DEFAULT NULL, CHANGE brand_id brand_id INT UNSIGNED DEFAULT NULL, CHANGE color_id color_id INT UNSIGNED DEFAULT NULL, CHANGE name name
e VARCHAR(255) NOT NULL, CHANGE image image VARCHAR(255) DEFAULT NULL, CHANGE price price NUMERIC(5, 2) DEFAULT '0.00' NOT NULL
     -> CREATE INDEX name ON product (name)
     -> ALTER TABLE stock DROP stock
     -> ALTER TABLE stock RENAME INDEX size_product TO IDX_4B365660498DA827
     -> ALTER TABLE size CHANGE name name VARCHAR(15) NOT NULL
     -> ALTER TABLE color CHANGE name name VARCHAR(31) NOT NULL
     -> ALTER TABLE brand CHANGE name name VARCHAR(63) NOT NULL

  ++ migrated (took 2939.8ms, used 14M memory)

  ------------------------

  ++ finished in 2943.5ms
  ++ used 14M memory
  ++ 1 migrations executed
  ++ 9 sql queries
```

Création controller et template pour chaque entité : brand, category, color, product et size

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:controller BrandController

 created: src/Controller/BrandController.php
 created: templates/brand/index.html.twig

  Success!

 Next: Open your new controller class and add some pages!
```

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:controller CategoryController

 created: src/Controller/CategoryController.php
 created: templates/category/index.html.twig


 Success!


 Next: Open your new controller class and add some pages!
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:controller ColorController

 created: src/Controller/ColorController.php
 created: templates/color/index.html.twig


 Success!


 Next: Open your new controller class and add some pages!
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:controller ProductController

 created: src/Controller/ProductController.php
 created: templates/product/index.html.twig


 Success!


 Next: Open your new controller class and add some pages!
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:controller SizeController

 created: src/Controller/SizeController.php
 created: templates/size/index.html.twig


 Success!


 Next: Open your new controller class and add some pages!
```

Création form pour chaque entité : Brand, Category, Color, Product et Size

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:form

 The name of the form class (e.g. GentleKangarooType):
 > BrandType

 The name of Entity or fully qualified model class name that the new form will be bound to (empty for none):
 > Brand

 created: src/Form/BrandType.php


 Success!


 Next: Add fields to your form and start using it.
 Find the documentation at https://symfony.com/doc/current/forms.html
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:form

 The name of the form class (e.g. GrumpyJellybeanType):
 > CategoryType

 The name of Entity or fully qualified model class name that the new form will be bound to (empty for none):
 > Category

 created: src/Form/CategoryType.php


 Success!


 Next: Add fields to your form and start using it.
 Find the documentation at https://symfony.com/doc/current/forms.html
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:form

 The name of the form class (e.g. DeliciousPizzaType):
 > ColorType

 The name of Entity or fully qualified model class name that the new form will be bound to (empty for none):
 > Color

 created: src/Form/ColorType.php


 Success!


 Next: Add fields to your form and start using it.
 Find the documentation at https://symfony.com/doc/current/forms.html
```

Make CRUD => error

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. AgreeableKangaroo):
 > Brand


 [ERROR] The file "src/Controller/BrandController.php" can't be generated because it already exists.


chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. GrumpyElephant):
 > Brand


 [ERROR] The file "templates/brand/index.html.twig" can't be generated because it already exists.
```

Suppression de tous les controllers et templates créés précédemment.
CRUD crée automatiquement les controllers et templates.

Rétiration de la procédure Make CRUD
Brand, Category

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. VictoriousGnome):
 > Brand

 created: src/Controller/BrandController.php
 created: src/Form/BrandType.php
 created: templates/brand/_delete_form.html.twig
 created: templates/brand/_form.html.twig
 created: templates/brand/edit.html.twig
 created: templates/brand/index.html.twig
 created: templates/brand/new.html.twig
 created: templates/brand/show.html.twig


 Success!


 Next: Check your new CRUD by going to /brand/
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. FierceKangaroo):
 > Category

 created: src/Controller/CategoryController.php
 created: src/Form/CategoryType.php
 created: templates/category/_delete_form.html.twig
 created: templates/category/_form.html.twig
 created: templates/category/edit.html.twig
 created: templates/category/index.html.twig
 created: templates/category/new.html.twig
 created: templates/category/show.html.twig


 Success!


 Next: Check your new CRUD by going to /category/
```

Crud pour Color, Product et Size

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. GrumpyElephant):
 > Color

 created: src/Controller/ColorController.php
 created: src/Form/ColorType.php
 created: templates/color/_delete_form.html.twig
 created: templates/color/_form.html.twig
 created: templates/color/edit.html.twig
 created: templates/color/index.html.twig
 created: templates/color/new.html.twig
 created: templates/color/show.html.twig


  Success!


 Next: Check your new CRUD by going to /color/
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. DeliciousPuppy):
 > Product

 created: src/Controller/ProductController.php
 created: src/Form/ProductType.php
 created: templates/product/_delete_form.html.twig
 created: templates/product/_form.html.twig
 created: templates/product/edit.html.twig
 created: templates/product/index.html.twig
 created: templates/product/new.html.twig
 created: templates/product/show.html.twig


  Success!


 Next: Check your new CRUD by going to /product/
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. TinyJellybean):
 > Size

 created: src/Controller/SizeController.php
 created: src/Form/SizeType.php
 created: templates/size/_delete_form.html.twig
 created: templates/size/_form.html.twig
 created: templates/size/edit.html.twig
 created: templates/size/index.html.twig
 created: templates/size/new.html.twig
 created: templates/size/show.html.twig


  Success!
```

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

The class name of the entity to create CRUD (e.g. BraveElephant):
> Stock


[ERROR] Entity "Stock" doesn't exist; please enter an existing one or create a new one.
```

Make CRUD pour Stock impossible : entity n'existe pas.

Création d'une nouvelle entité pour le stock : « STOCK1 »

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:entity

Class name of the entity to create or update (e.g. TinyChef):
> Stock1

created: src/Entity/Stock1.php
created: src/Repository/Stock1Repository.php

Entity generated! Now let's add some fields!
You can always add more fields later manually or by re-running this command.

New property name (press <return> to stop adding fields):
> product_id

Field type (enter ? to see all types) [integer]:
> integer

Can this field be null in the database (nullable) (yes/no) [no]:
> no

updated: src/Entity/Stock1.php

Add another property? Enter the property name (or press <return> to stop adding fields):
> size_id

Field type (enter ? to see all types) [integer]:
> integer

Can this field be null in the database (nullable) (yes/no) [no]:
> no

updated: src/Entity/Stock1.php

Add another property? Enter the property name (or press <return> to stop adding fields):
> stock

Field type (enter ? to see all types) [string]:
> integer

Can this field be null in the database (nullable) (yes/no) [no]:
> no

updated: src/Entity/Stock1.php

Add another property? Enter the property name (or press <return> to stop adding fields):
>


Success!
```

Make migration + Doctrine:migration:migrate pour Stock1

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:migration

 Success!

 Next: Review the new migration "src/Migrations/Version20191117204632.php"
 Then: Run the migration with php bin/console doctrine:migrations:migrate
 See https://symfony.com/doc/current/bundles/DoctrineMigrationsBundle/index.html
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console doctrine:migrations:migrate

                    Application Migrations

WARNING! You are about to execute a database migration that could result in schema changes and data loss. Are you sure you wish to continue? (y/n)y
Migrating up to 20191117204632 from 20191116220747

  ++ migrating 20191117204632

     -> CREATE TABLE stock1 (id INT AUTO_INCREMENT NOT NULL, product_id INT NOT NULL, size_id INT NOT NULL, stock INT NOT NULL, PRIMARY KEY(id)) DEFAULT CHARACTER SET utf8mb4 COLLATE `utf8mb4_unicode_ci` E
NGINE = InnoDB

  ++ migrated (took 351.6ms, used 14M memory)

  ----------------------

  ++ finished in 354.9ms
  ++ used 14M memory
  ++ 1 migrations executed
  ++ 1 sql queries
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:controller Stock1Controller

 created: src/Controller/Stock1Controller.php
 created: templates/stock1/index.html.twig

 Success!

 Next: Open your new controller class and add some pages!
```

Make Crud pour Stock1 et test server pour résultats

```
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ php bin/console make:crud

 The class name of the entity to create CRUD (e.g. DeliciousKangaroo):
 > Stock1

 created: src/Controller/Stock1Controller.php
 created: src/Form/Stock1Type.php
 created: templates/stock1/_delete_form.html.twig
 created: templates/stock1/_form.html.twig
 created: templates/stock1/edit.html.twig
 created: templates/stock1/index.html.twig
 created: templates/stock1/new.html.twig
 created: templates/stock1/show.html.twig

 Success!

 Next: Check your new CRUD by going to /stock1/
chapierf@chapierf-ThinkPad-T440:~/Documents/Projets_Simplon/Symfony-projets/SF-ChaustoreV3$ symfony server:start

 [WARNING] run "symfony server:ca:install" first if you want to run the web server with TLS support, or use
 "--no-tls" to avoid this warning

Nov 17 21:54:27 |DEBUG| PHP    Using PHP version 7.2.19 (from default version in $PATH)
Nov 17 21:54:28 |INFO | PHP    listening path="/usr/bin/php7.2" php="7.2.19" port=38907
Nov 17 21:54:28 |DEBUG| PHP    started

 [OK] Web server listening on http://127.0.0.1:8000 (PHP CLI 7.2.19)
```

Test Résultats

Brand	Category	Color	Size	Product

Brand index

Id	Name	Logo	actions
1	Converse		show edit
2	Adidas		show edit
3	Nike		show edit
4	Les P'tites Bombes		show edit
5	I Love Shoes		show edit
6	New Balance		show edit
7	Georgia Rose		show edit
8	Clarks Unstructured		show edit
9	Puma		show edit
10	Marvin&Co		show edit
11	Mr SARENZA		show edit
12	Clarks		show edit
13	Pier One		show edit
14	Converse 2		show edit
18	Converse 3		show edit
19	Converse 4		show edit

Create new

Category index

Id	Name	actions
1	Baskets	show edit
5	Bottes	show edit
6	Brogue	show edit
3	Chaussures à lacets	show edit
4	Escarpins	show edit
2	Sandales et nu-pieds	show edit

Create new

Color index

Id	Name	actions
12	Beige	show edit
1	Blanc	show edit
3	Bleu	show edit
25	Bleu clair	show edit
8	Gris	show edit
5	Jaune	show edit
11	Marron	show edit
2	Noir	show edit
9	Orange	show edit
7	Rose	show edit
4	Rouge	show edit
6	Vert	show edit
10	Violet	show edit

Create new

Size index

Id	Name	actions
1	35	show edit
2	35 1/2	show edit
3	36	show edit
4	36 1/2	show edit
5	37	show edit
6	37 1/2	show edit
7	38	show edit
8	38 1/2	show edit
9	39	show edit
10	39 1/2	show edit
11	40	show edit
12	40 1/2	show edit
13	41	show edit
14	41 1/2	show edit
15	42	show edit
16	42 1/2	show edit
17	43	show edit
18	43 1/2	show edit
19	44	show edit
20	44 1/2	show edit
21	45	show edit
22	45 1/2	show edit
23	46	show edit
24	46 1/2	show edit
25	47	show edit
26	47 1/2	show edit
27	48	show edit

Create new

Product index

Id	Name	Image	Price	Gender	actions
1	All Star Dainty Canvas Ox W Blanc Optical		52.00	F	show edit
2	Superstar W Blanc Noir		99.99	F	show edit
3	Wmns Air Huarache Run White White		119.99	F	show edit
4	Gazelle W Rose Blanc		99.99	F	show edit
5	Wmns Classic Cortez Leather Blanc Rouge Bleu		85.00	F	show edit
6	Kaylin Alba Burgundy		99.95	F	show edit
7	Calla Rose Black		99.95	F	show edit
8	Petunia Noir		29.90	F	show edit
9	Benino Gold		39.00	F	show edit
10	W996 Light Cashmere		70.00	F	show edit
11	Gazelle W Gris Blanc		94.99	F	show edit
12	Inof Vaqueta Noir		89.00	F	show edit
13	Ipona Noir		59.00	F	show edit
14	Un Reisel Mara Black Leather		89.99	F	show edit
15	Suede Hyper Embelished Wn's Black White		90.00	F	show edit
16	Benino Black		39.00	F	show edit
17	Stan Smith Noir		94.99	H	show edit
18	Stan Smith Blanc Vert		81.00	H	show edit
19	Superstar Blanc Noir		99.99	H	show edit
20	Suede Classic+ Peacoat White		80.00	H	show edit
21	Chuck Taylor All Star Hi M Blanc Optical		69.99	H	show edit
22	Star Player Ev Canvas Ox M Marine Blanc		58.50	H	show edit
23	Classic Cortez Nylon Obsidian White		80.00	H	show edit
24	Satingh Brown		79.00	H	show edit
25	Southampton Bleu		109.00	H	show edit
26	Suttino Beige		79.00	H	show edit
27	Nastie Bruciato		149.00	H	show edit
28	Stall Brown		119.00	H	show edit
29	Rilmot		99.00	H	show edit
30	Test creation Converse Basket verte pour Homme		85.00	H	show edit

Create new

Stock1

Stock1 index

Id	Product_id	Size_id	Stock	actions

no records found

Create new