How to create an online store on Drupal without the help of developers

Dear reader,

Thank you for downloading our instructional guide. This document supplements the article How to create an eCommerce website with Drupal.

With its help, you can set up an e-commerce website with Drupal Commerce from scratch completely on your own. We'll show you how to build a simple mobile phone store using the Commerce engine. Let's call it "My Awesome Shop".

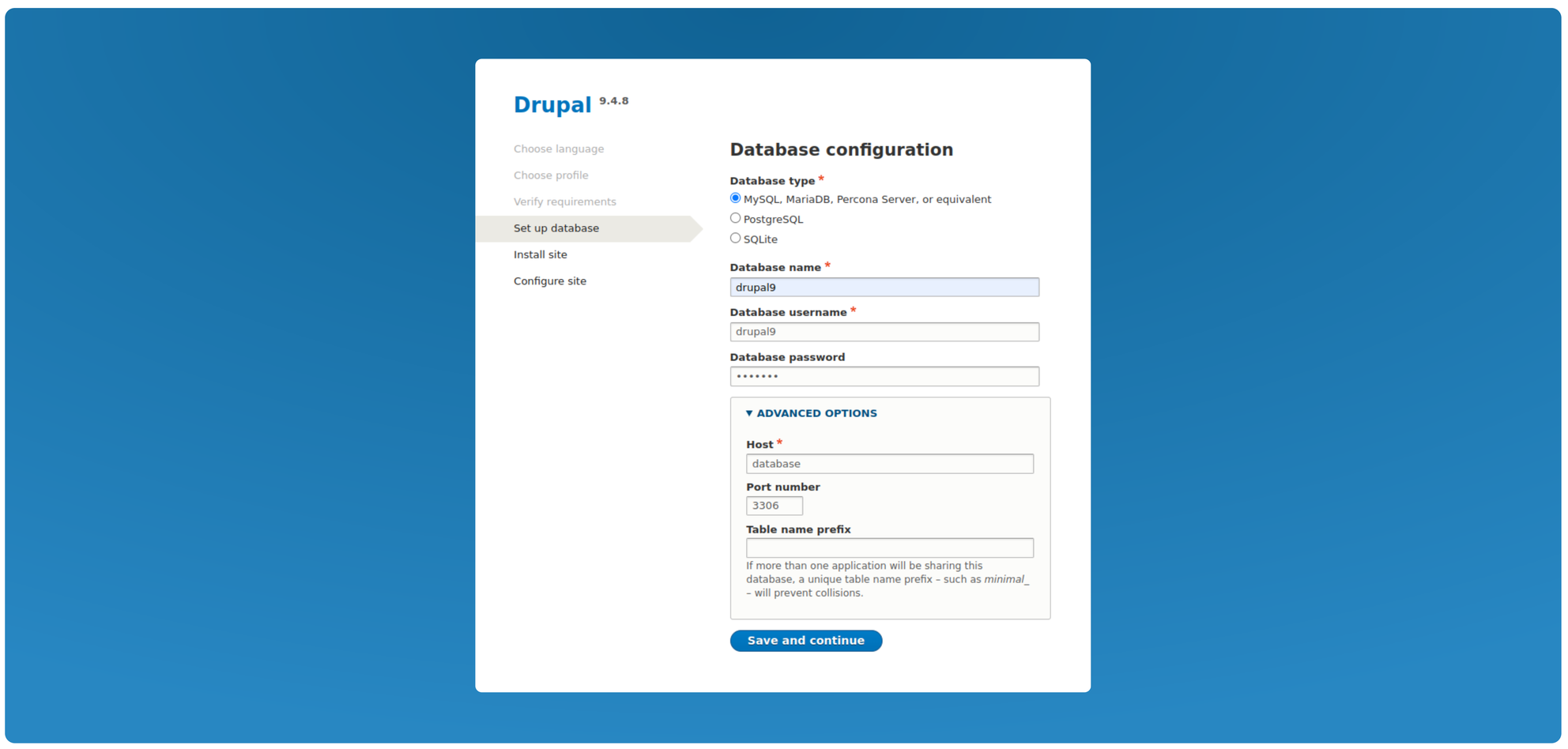
1. Download the latest Drupal core. This can be done in two ways:

- using the Composer package manager. You need to send the command to its console: composer create-project drupal-composer/drupal-project:9.x-dev my_dir --no-interaction

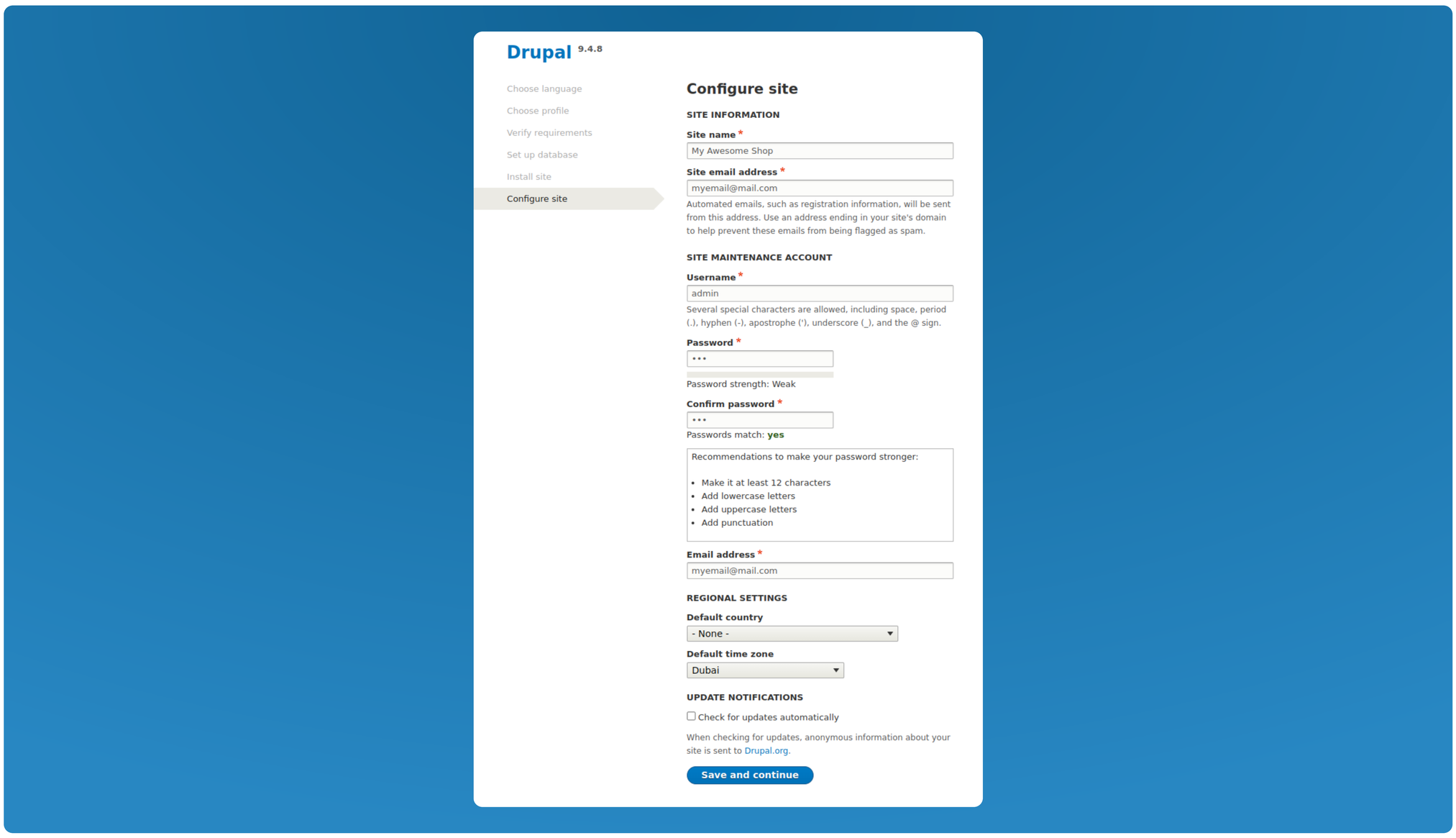
- from the Drupal's official website.

The Drupal Commerce module would require setting external dependencies, so creating your project using Composer is best. Alternatively, the required sets can be connected via the Ludwig module, but we recommend Composer. Here are the alternative installation instructions of Composer for Ludwig users.

2. Specify access to the database.



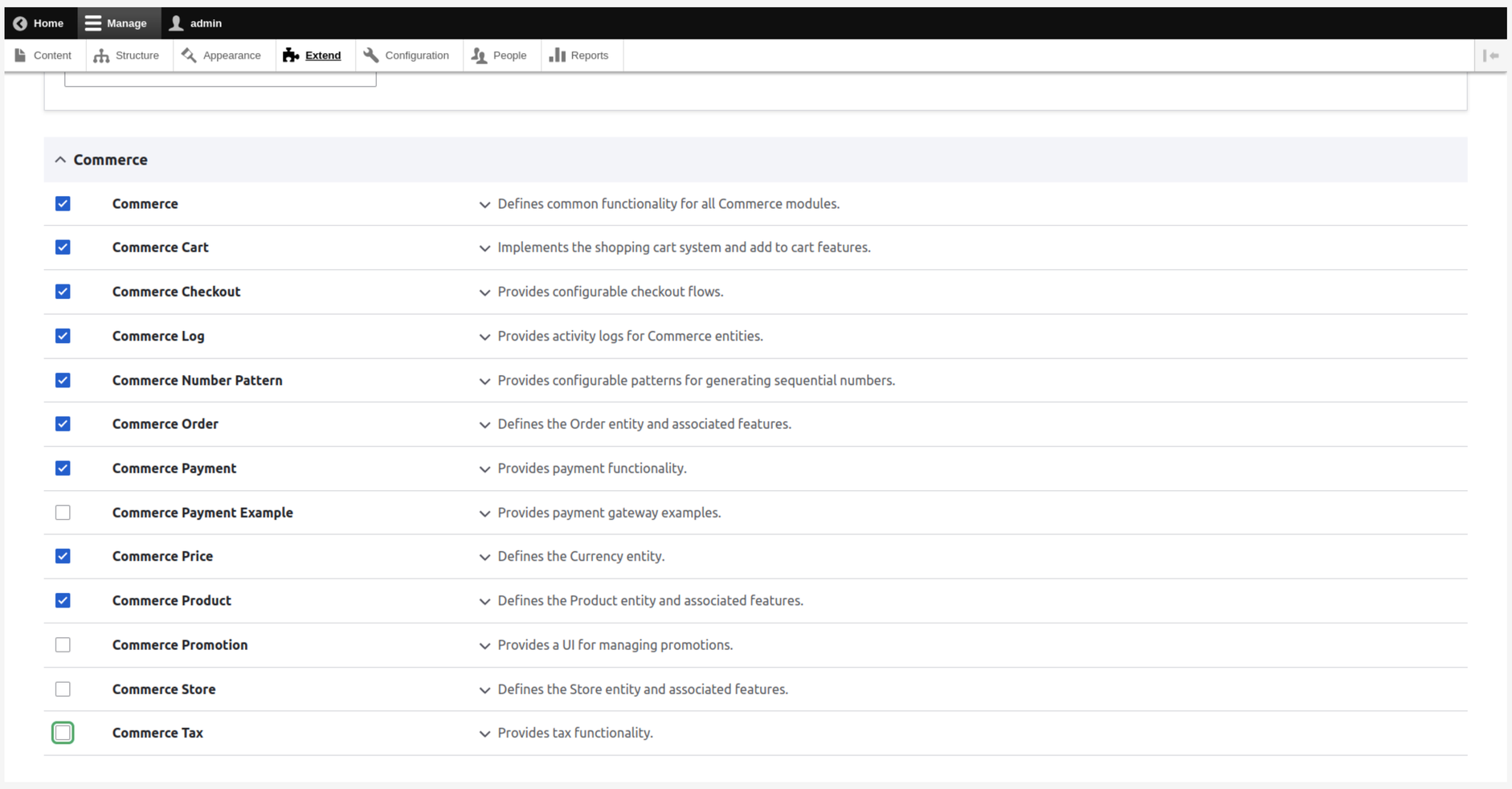
Drupal offers you a choice between several website profiles that contain settings and content by default. If you don't need this, you may select the minimal profile. After finishing the installation, fill in the details on the Configure Site page.



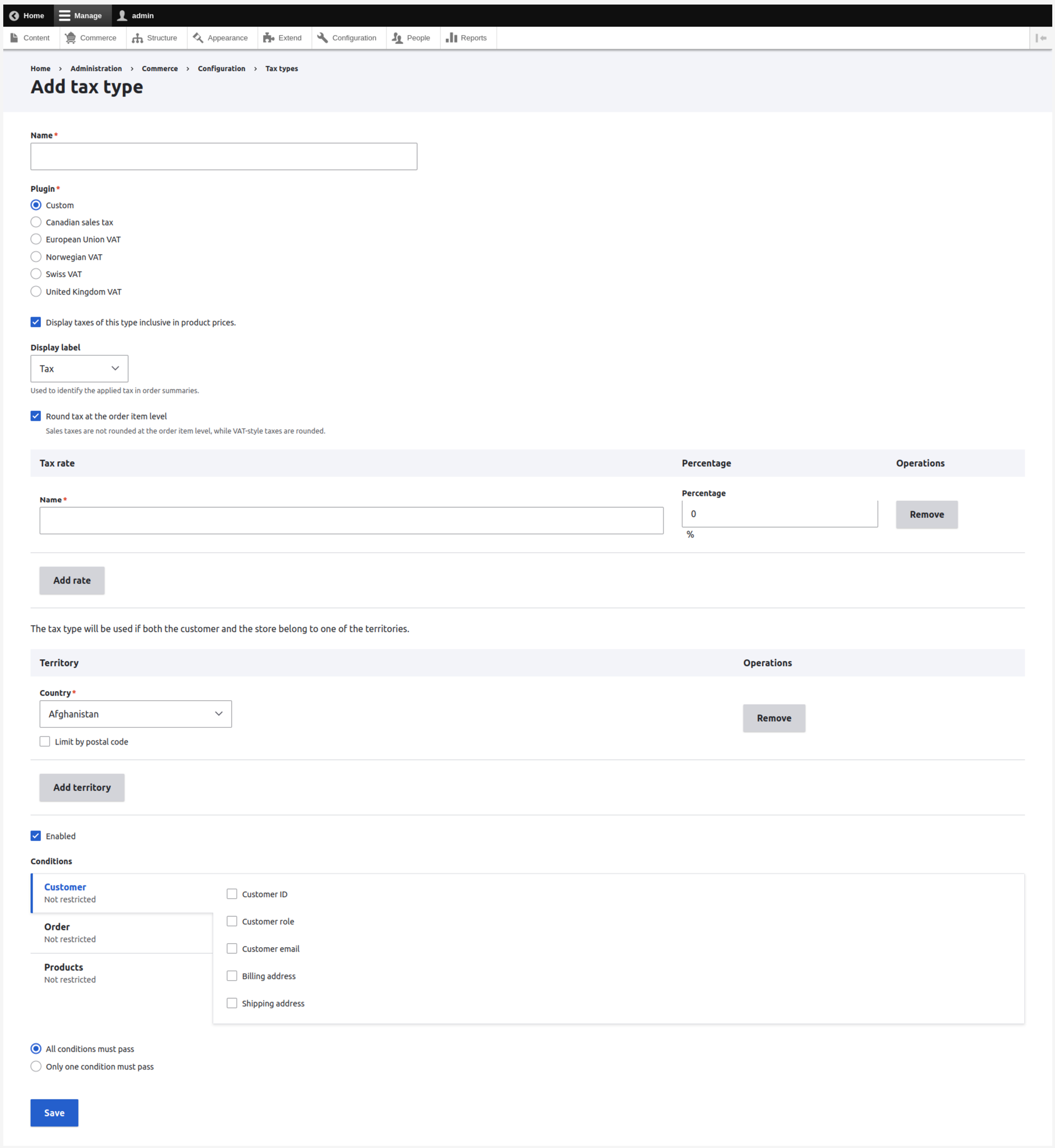
3. Installing the Drupal Commerce module is only possible using the composer package manager or using the Ludwig module. Check out the documentation. Don't worry that the team's documentation is written for Drupal 8 - they are true for Drupal 9 as well.

4. You must send the command "composer require drupal / commerce" to the console to download the Commerce module via Composer.

5. Go to the Advanced tab in the top admin menu and enable the required modules.



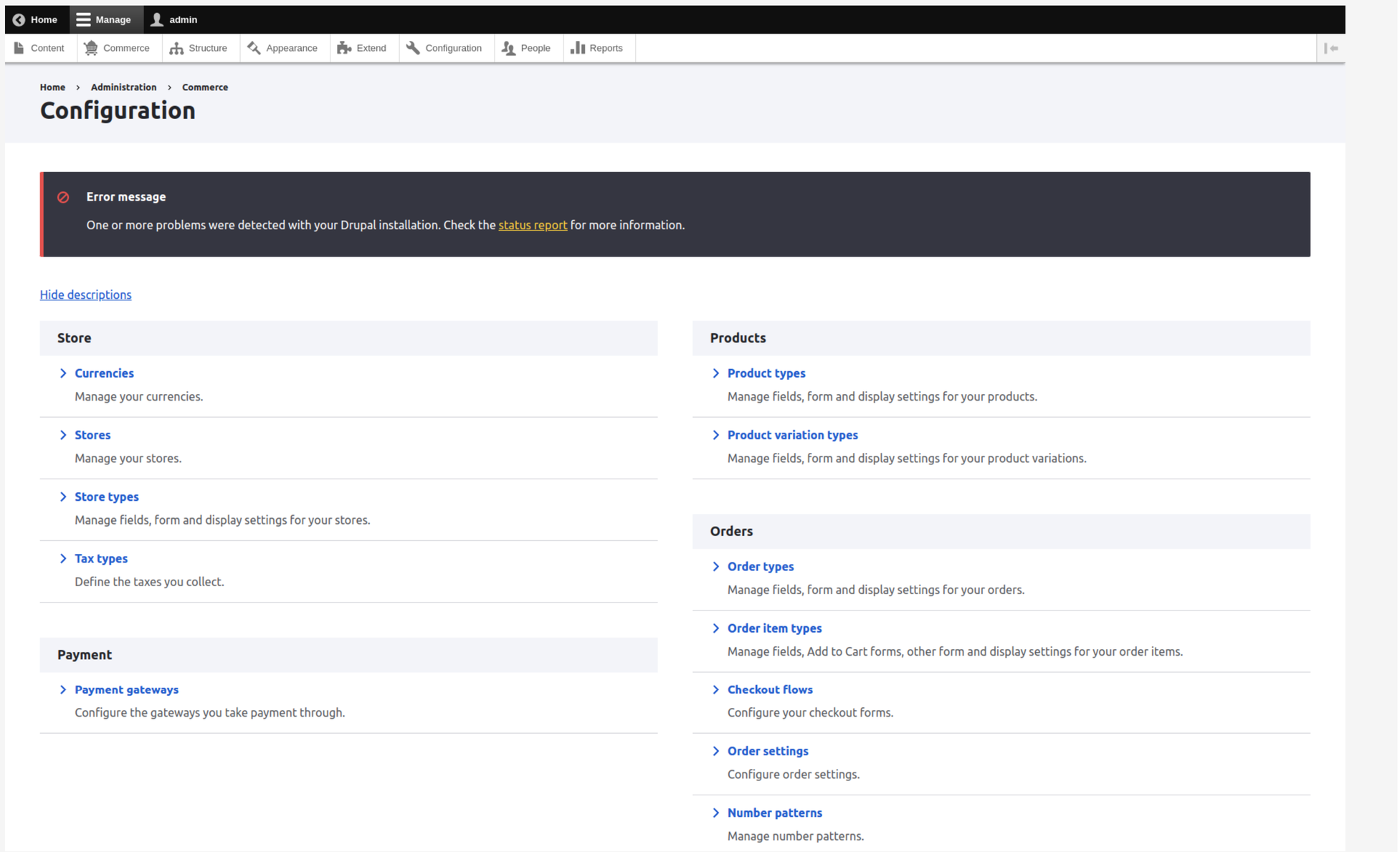
Optionally you can enable the Commerce Tax module to add additional taxes.



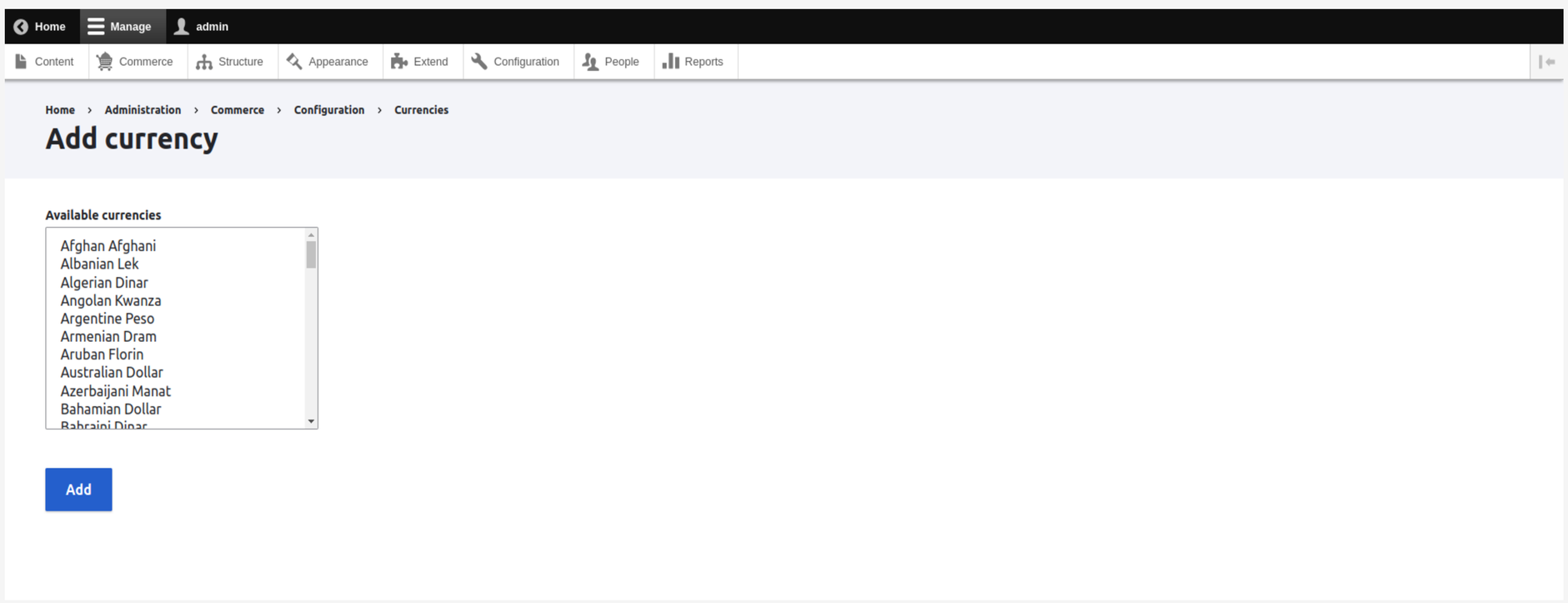
The Commerce Promotion module is used to create promotions, the Commerce Number Pattern is the tool for generating the identification numbers for your products, and the Commerce Store will be useful if you want to have several stores managed by a single system.

6. If you did everything correctly, the new "Commerce" menu item will appear in the administrator's top menu.

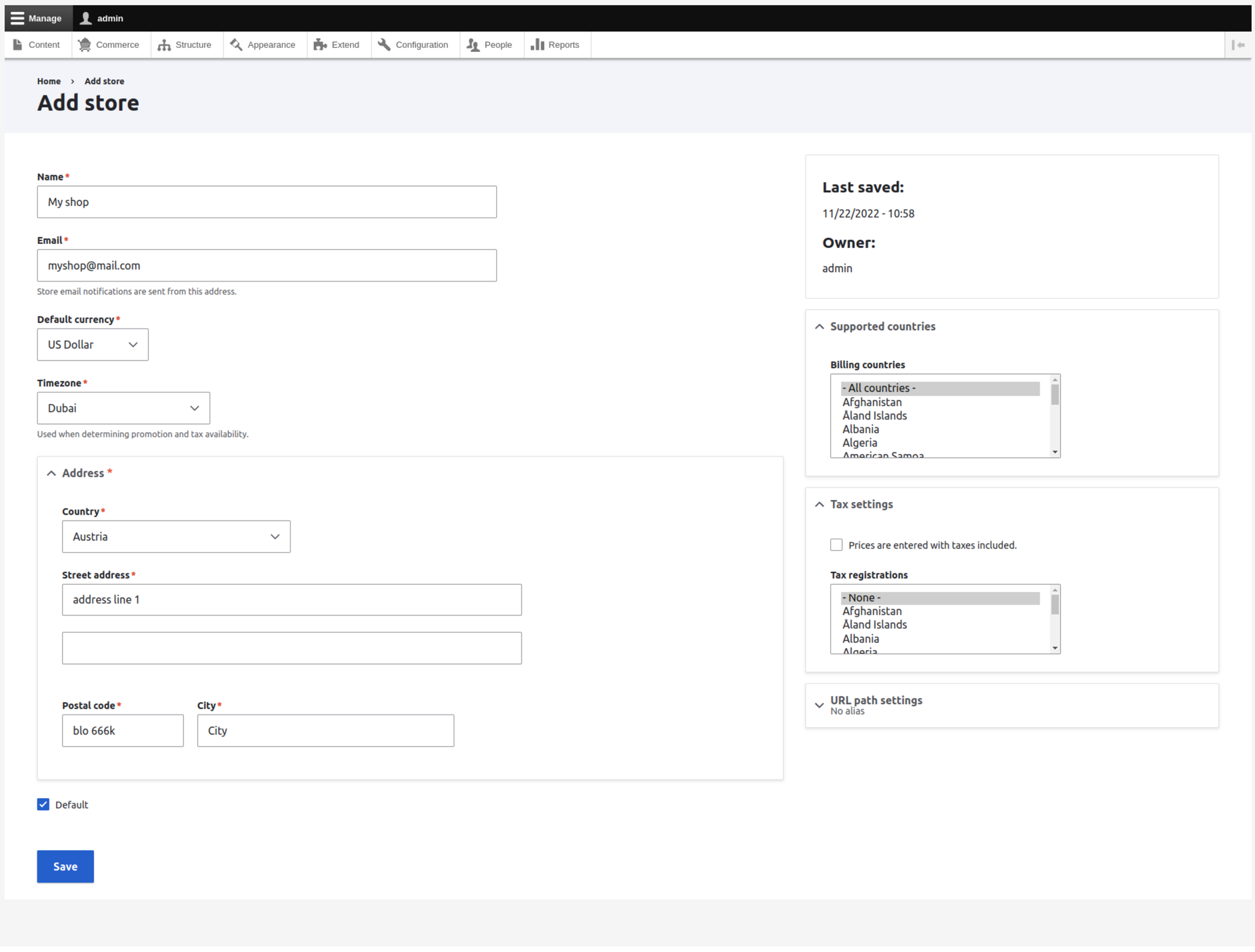
7. To begin with, set up general store configurations, and only then you can create products. Go to the menu item "Commerce" -> "Configuration".



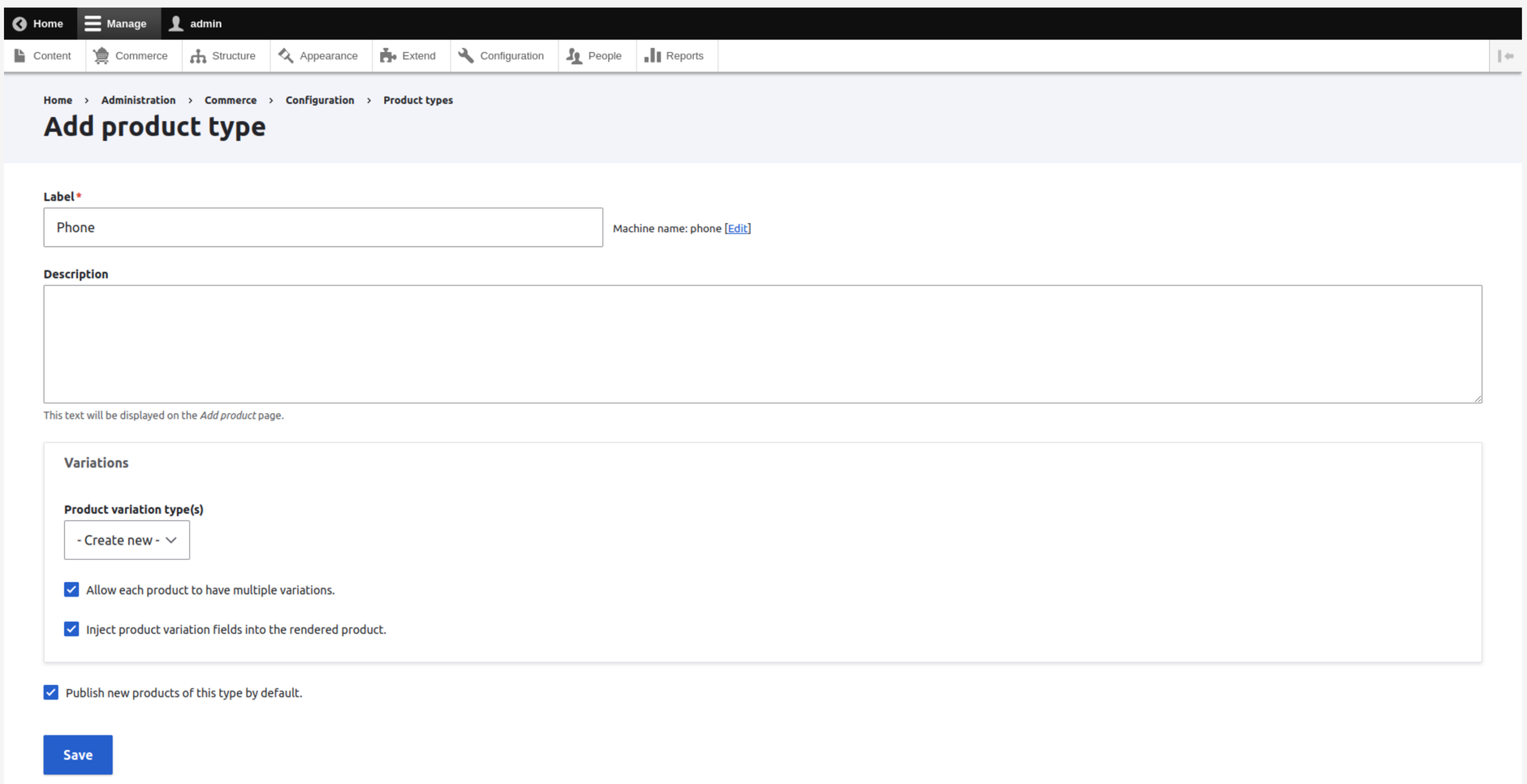
8. Add one or more currencies that users will use to pay for purchases. To do this, go to the menu item "Currencies".



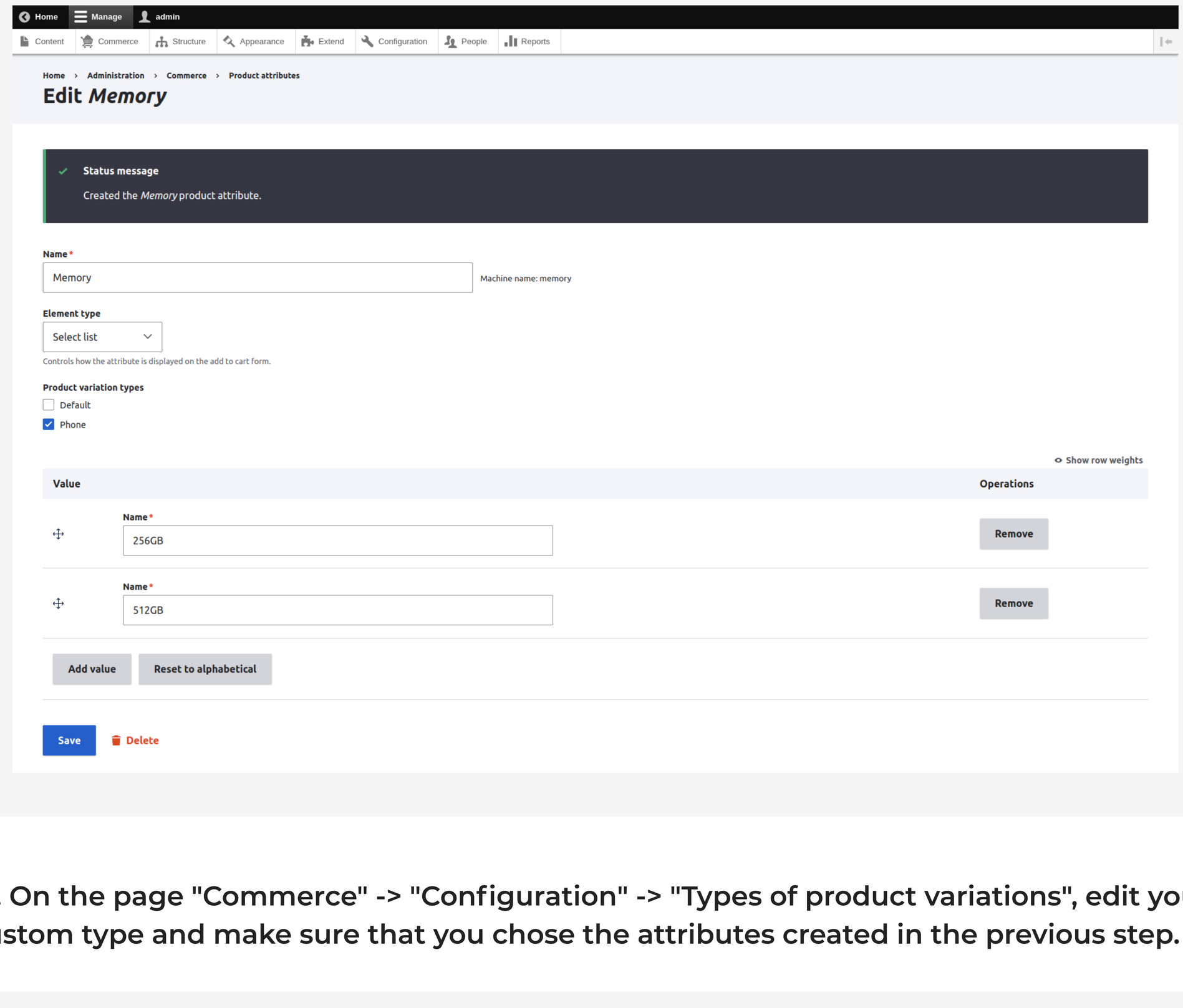
9. Go to the menu item "Commerce" -> "Configuration" -> "Stores" and create a new store. Fill in the required fields.



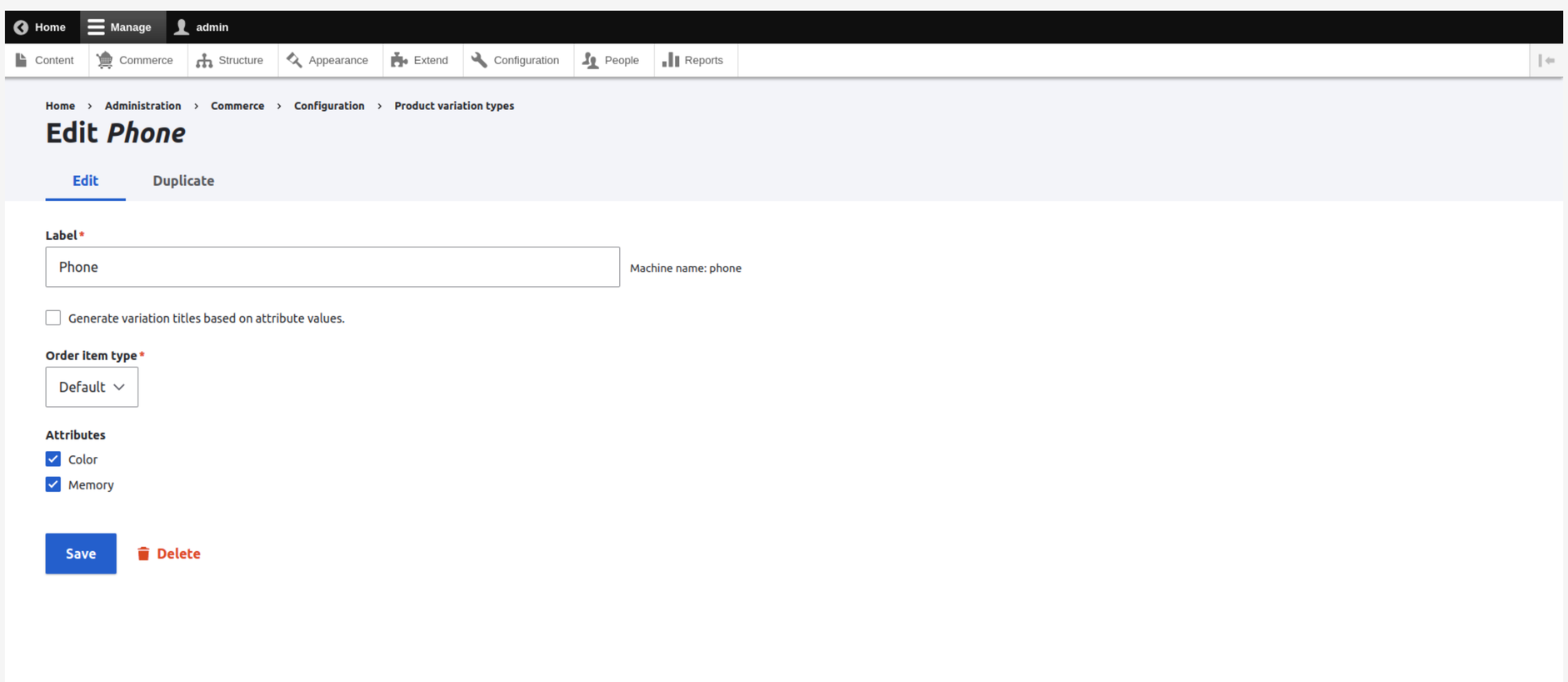
10. Add a new product type the same way. For a product type, you can set the minimum required set of fields that are common for all products and do not affect their price, for example, a text description. The other characteristics appear in its variations.



11. Add several attributes in the menu item "Commerce" -> "Product attributes". For example, for phones, this might be a camera, screen size, memory amount, or color.

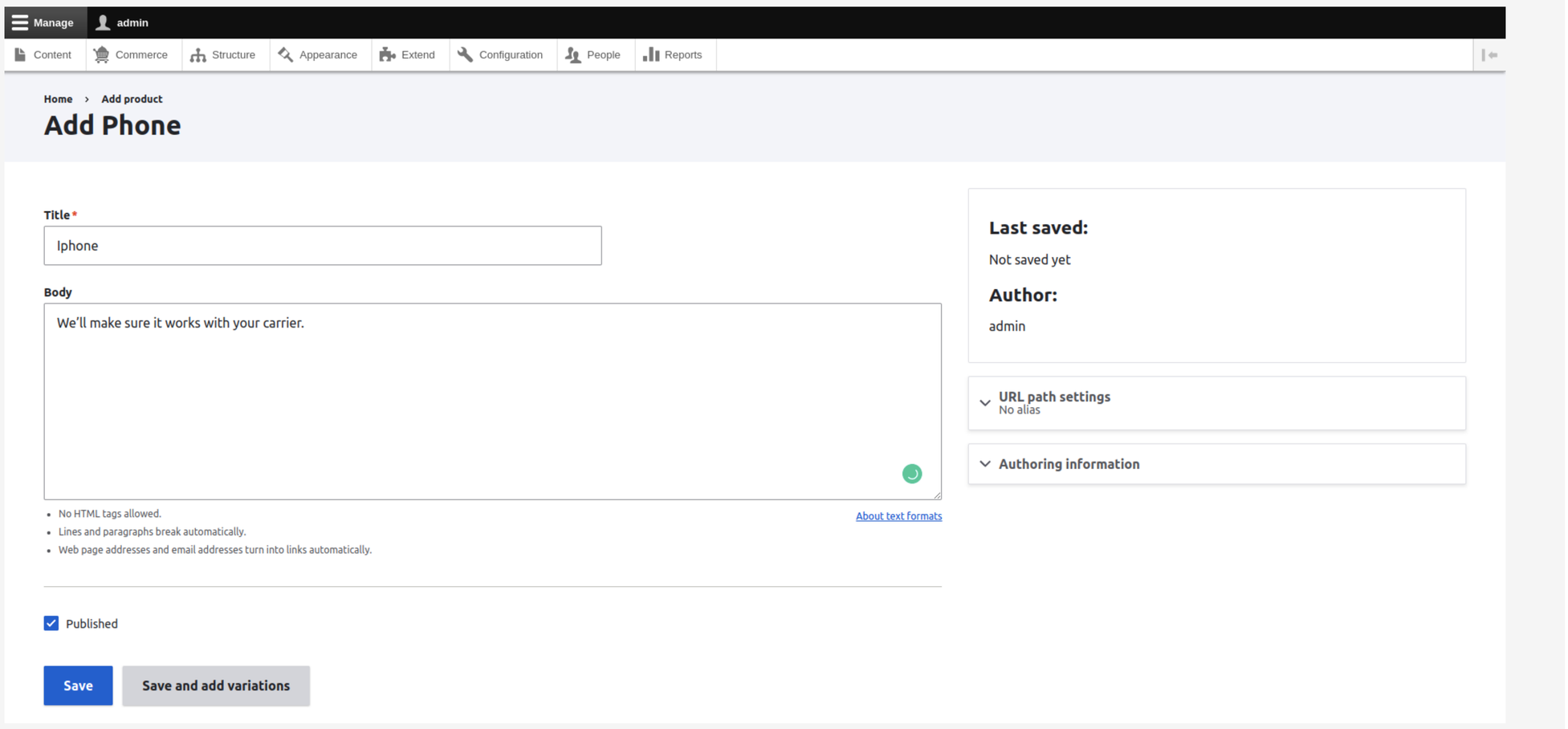


12. On the page "Commerce" -> "Configuration" -> "Types of product variations", edit your custom type and make sure that you chose the attributes created in the previous step.

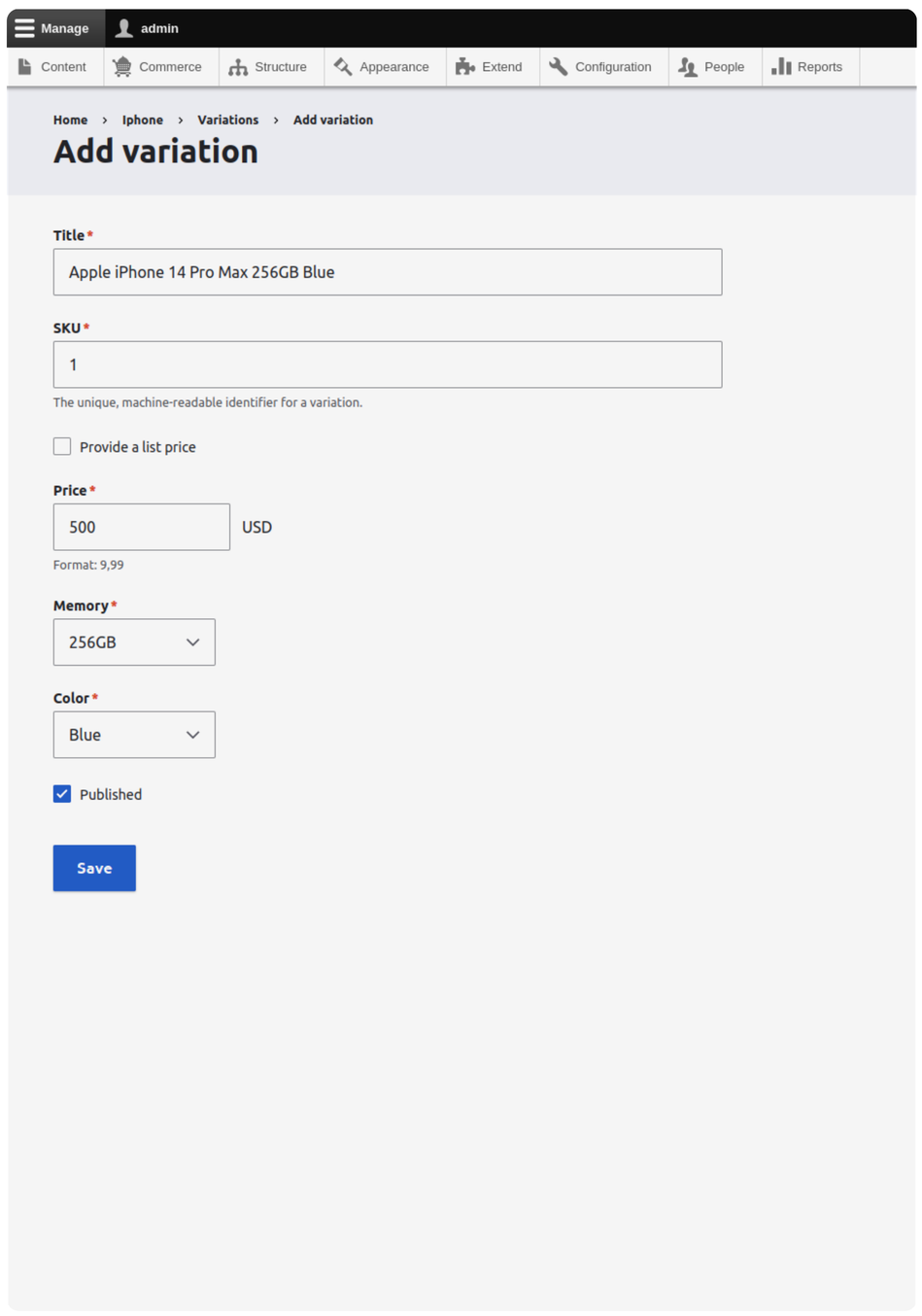


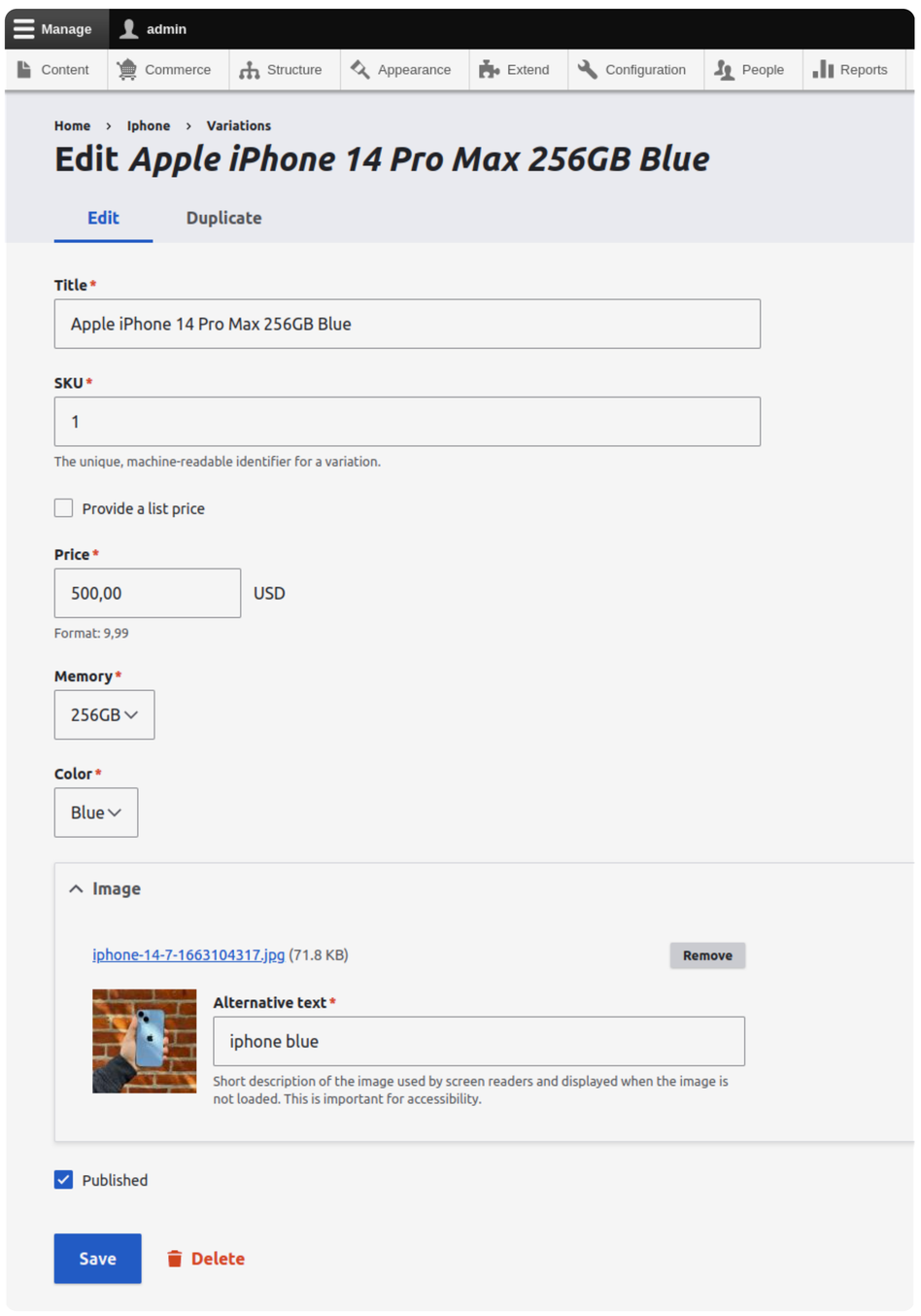
You can also add additional fields related to the entire variation, such as a product photo.

13. After we have prepared the structure, it's time to add some products. Go to "Commerce" -> "Products" -> "Add product".

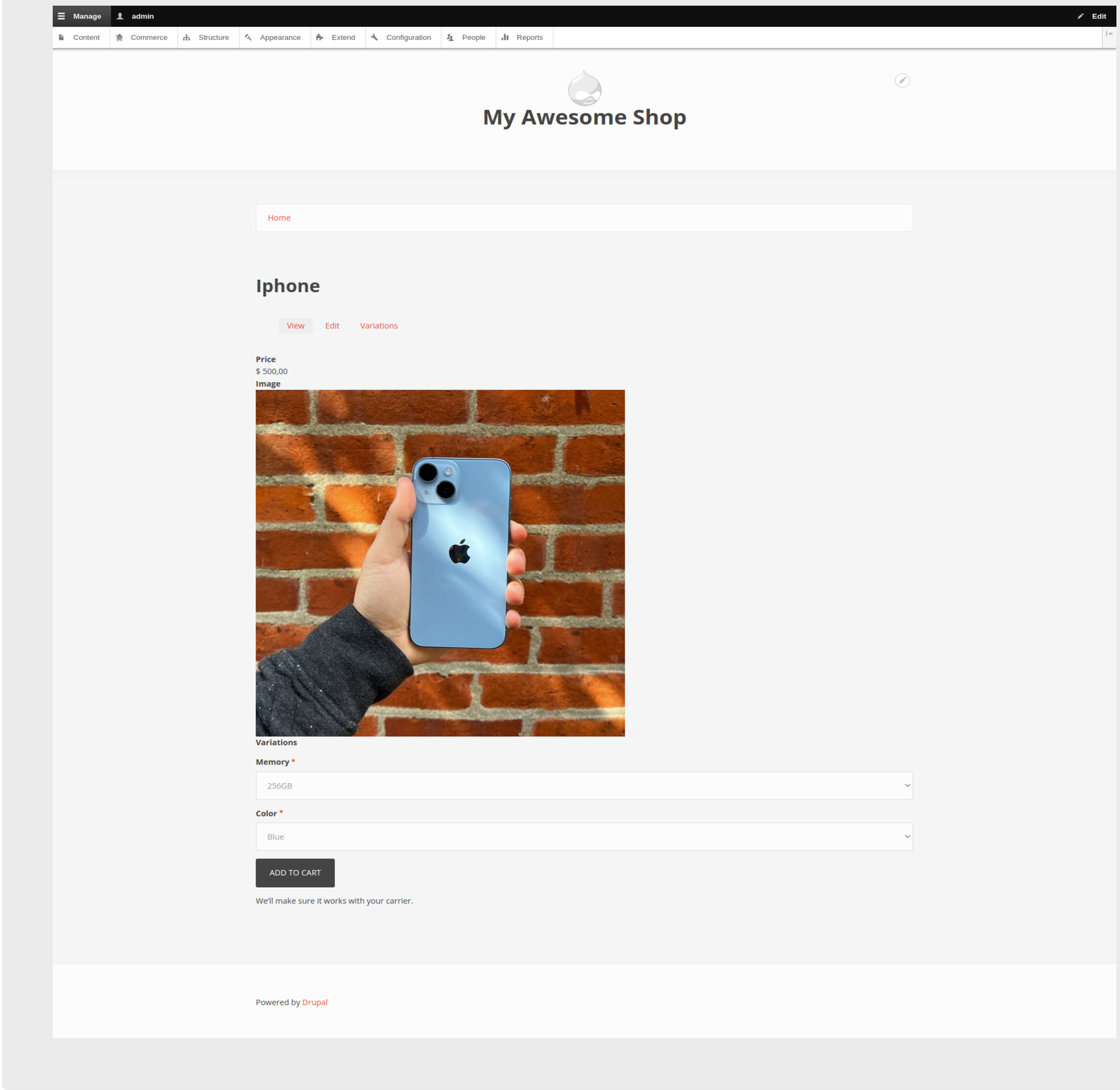


14. Go to the "Variations" tab. Here you can set product variations with additional options (attributes) that we created in step 12.



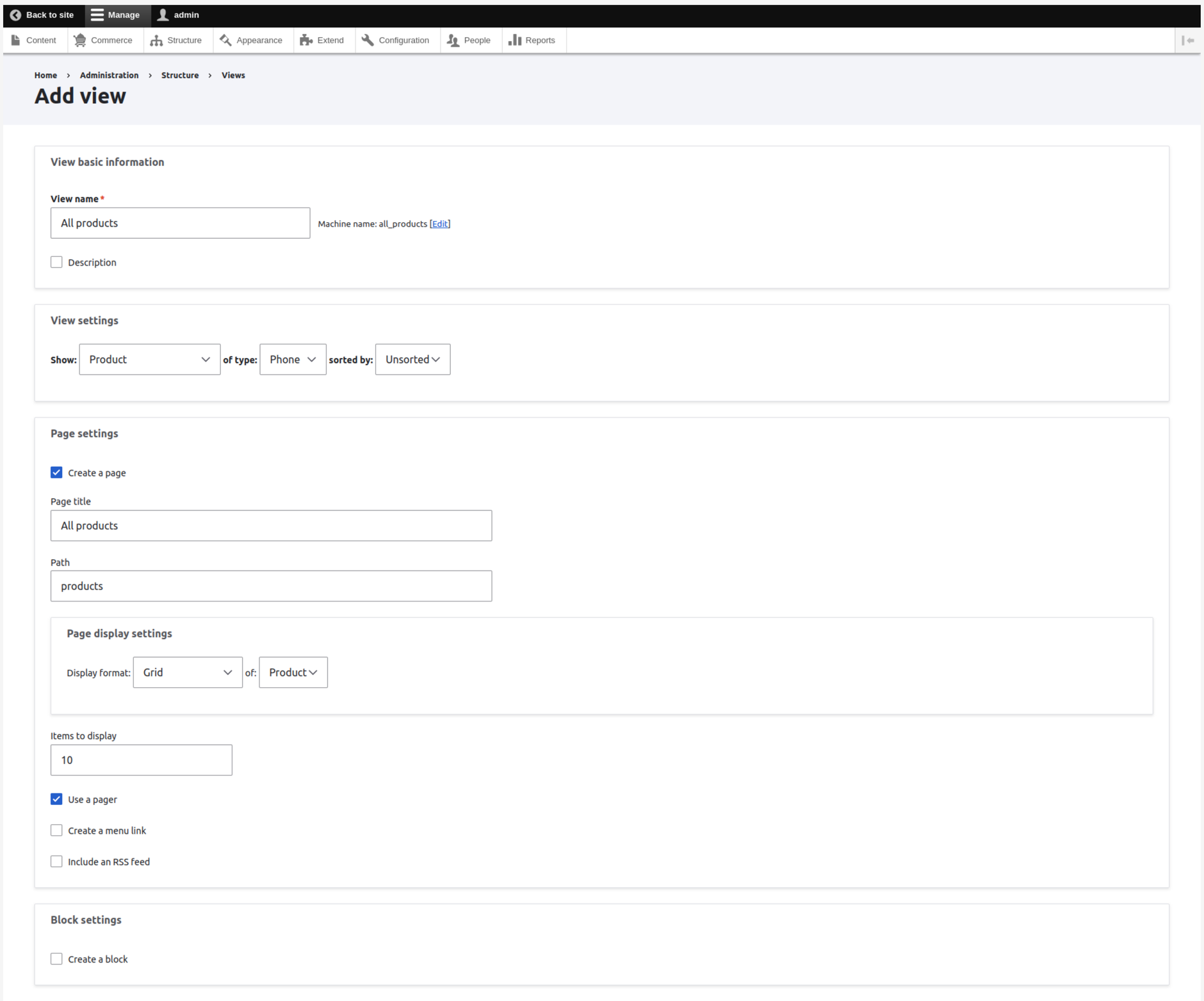


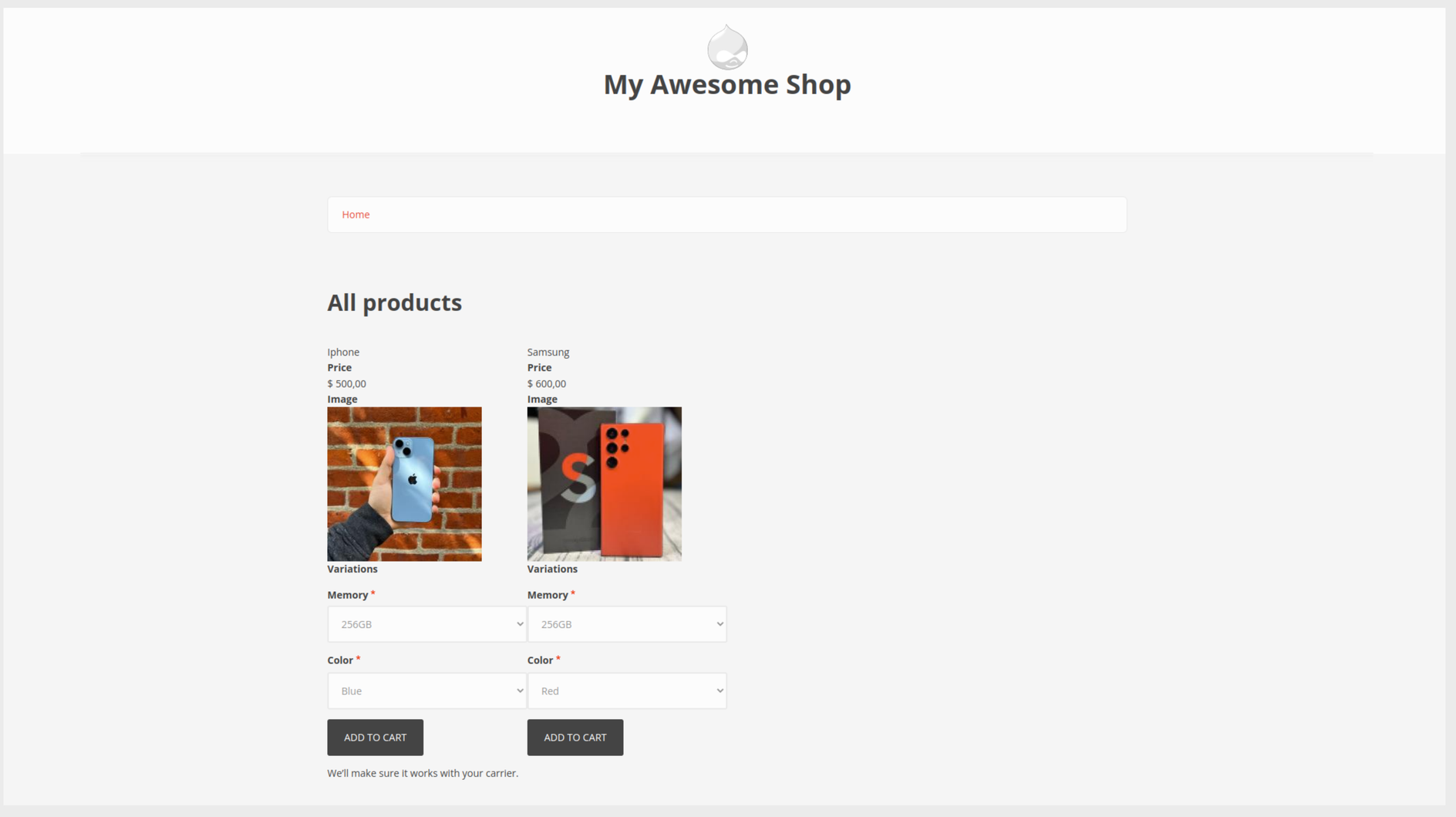
15. Save your changes and go to the product page.

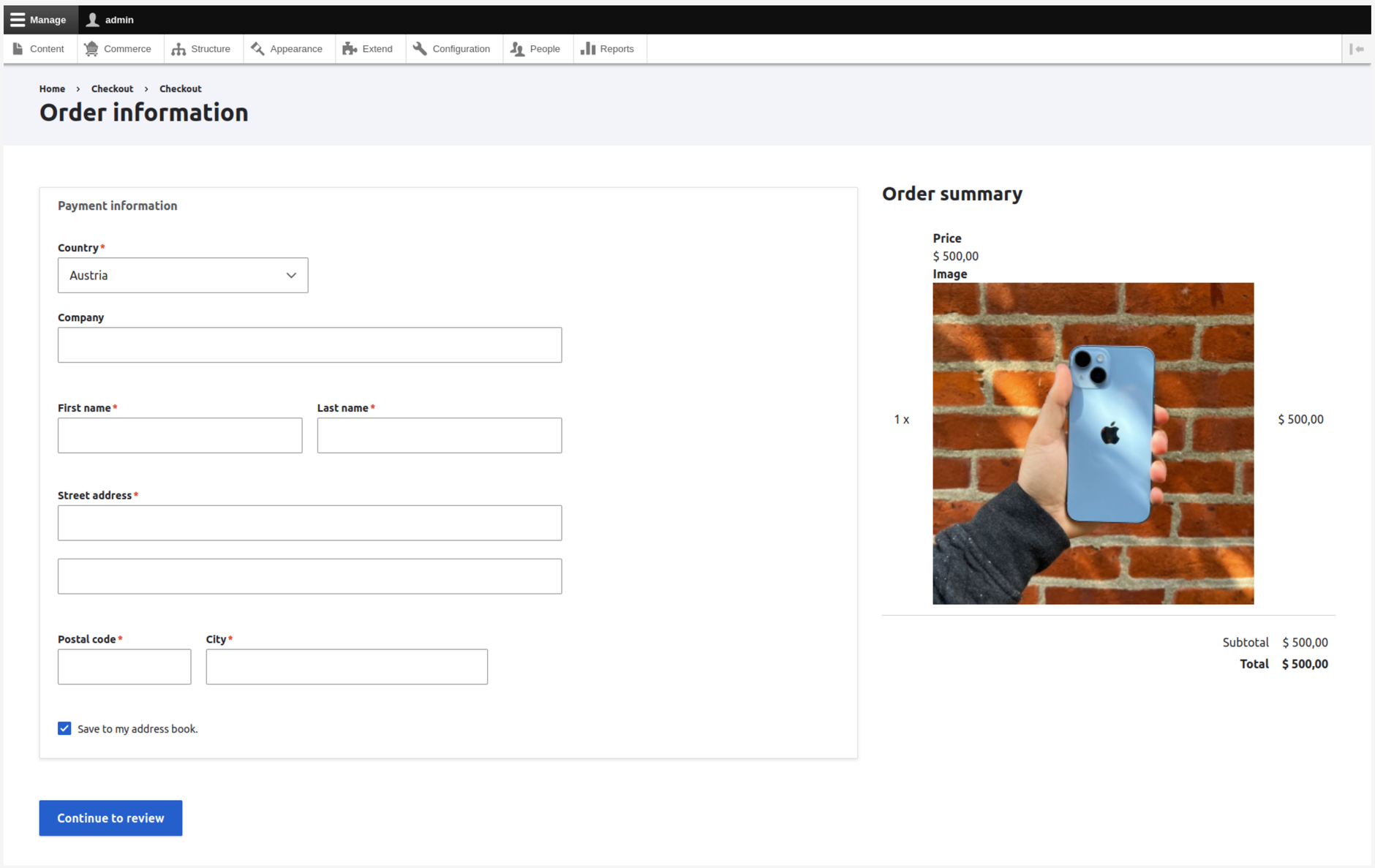


The module automatically displays a widget for switching attributes and loads the relevant variation.

16. Let's create a page that will display all products. To do this, go to "Structure" -> "Views" and create a new view in the administrator menu. Select the "Show product" type (your custom type) and check the "Create the page" checkbox.


Back to site
Manage
admin
Content
Commerce
Structure
Appearance
Extend
Configuration
People
Reports
Home › Administration › Structure › Views
Add view
View basic information
View name *
All products
Machine name: all_products [Edit]
Description
View settings
Show: Product of type: Phone sorted by: Unsorted
Page settings
Create a page
Page title
All products
Path
products
Page display settings
Display format: Grid of: Product
Items to display
10
Use a pager
Create a menu link
Include an RSS feed
Block settings
Create a block
Save and edit
Cancel


My Awesome Shop
Home
All products
Iphone
Price
$ 500,00
Image
Samsung
Price
$ 600,00
Image
Variations
Memory *
256GB
Color *
Blue
ADD TO CART
Variations
Memory *
256GB
Color *
Red
ADD TO CART
We'll make sure it works with your carrier.



17. If you did everything correctly, then when you would go to the page that you created in the previous step, you see all products added to the website. This is the most basic use of Views and moving on to "Structure" -> "Views" and choosing one you want, you can customize this page, for example, set up the output of products or add search filters. The Search API and Facets modules for creating faceted searches can help you with this.

18. Orders that we created can be seen on the page "Commerce" -> "Orders"

