

READ ME

Objective-

Implemented the Bookshop Using Magento 2.4.6

Steps To Install-

- Clone the Git repository from the URL provided.
- Check env.php from the path app/etc/ for DB password, user name and DB name.
- Create a new database and import the SQL file into that database using the command- `mysql -u root -p Dbname < sqlfilename.sql`
- Install the composer globally, elastic search and nginx server.
- Create a conf file in the nginx/sites-available directory.
- Create a symlink for that file.
- Go to the Magento directory and run the command `composer install`.
- Run the following commands
 - `sudo php bin/magento setup:upgrade`
 - `sudo php bin/magento setup:di:compile`
 - `sudo php bin/magento setup:static-content:deploy -f`
 - `sudo php bin/magento indexer:reindex`
 - `sudo php bin/magento cache:flush`

NOTE-

BaseUrl->dev.magento.com

Add URL in the hosts file

Overview-

I created two custom modules->

- Bookshop_Attributes
- Bookshop_BackendApi

Bookshop_Attributes-

- In this module, a new product attribute Author is added using the patch. There are many ways to add new attributes this one is preferable as when we setup:upgrade this attribute will be created.
- The Attribute is visible on the product listing page(PLP).To display the author attribute on the PLP page I have created a reference container in layout to overwrite the list.phtml in my custom module.

Bookshop_BackendApi-

- In this module, I have Implemented all the custom APIs mentioned in the Assignment Document.
- Also, Find the API documentation in the GIT repository.