

Integrated situation

XY Shop is located in Kigali City, Kicukiro District Sales shoes and clothes.

The Shopkeeper (someone who owns or manages a shop) uses a file system (books) to record stock information. This filing system has a problem with non-efficient security, accessibility, and integrity of information about the stock-in and stock-out, not only that but also lacks an easy way to produce a daily/weekly report of the stock.

They hired a database designer who designed the database model that can be used to manage the stock. The designed database is below:

Database Name: XY_Shop

Tables:

- Shopkeeper (ShopkeeperId (PK), UserName, Password)
- Product (ProductCode (PK), ProductName)
- ProductIn (ProductCode (FK), DateTime, Quantity, UnitPrice, TotalPrice)
- ProductOut (ProductCode (FK), DateTime, Quantity, UnitPrice, TotalPrice)

The XY Shop has hired you as a web application developer to develop a web application using Laravel that enables the Shopkeeper to :

- Record/insert the products with the ability to view, modify and delete products.
- Generate a report of stock status and the total price of stock-in or stock-out.

Instruction

- The shopkeeper must have an account in order to login into the system before starting all other activities
- Create an application directory on your desktop and rename it with your FirstName_LastName and save your work.