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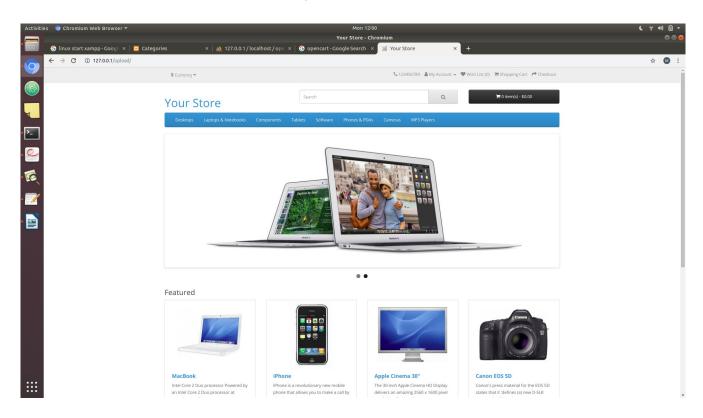
OPENCART

OpenCart is an Open-Source E-Commerce System, which utilizes PHP and MySQL Database.

INSTALLATION

After downloading zip file from website, it is extracted in XAMP's htdocs folder which is situated in *opt*/lampp/htdocs/. The setup is to be ran only first time after which 'install' folder is deleted from htdocs folder.

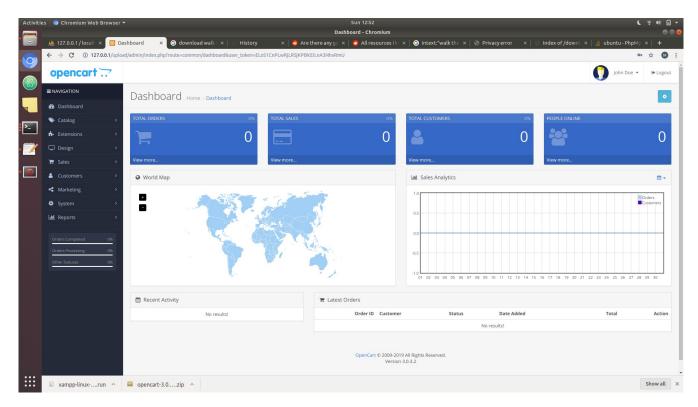
USER PERSPECTIVE



After successful installation, above image represents the first look on the front-end. As you can see it is situated in localhost/upload/ domain. The products shown are for demo-purpose only.

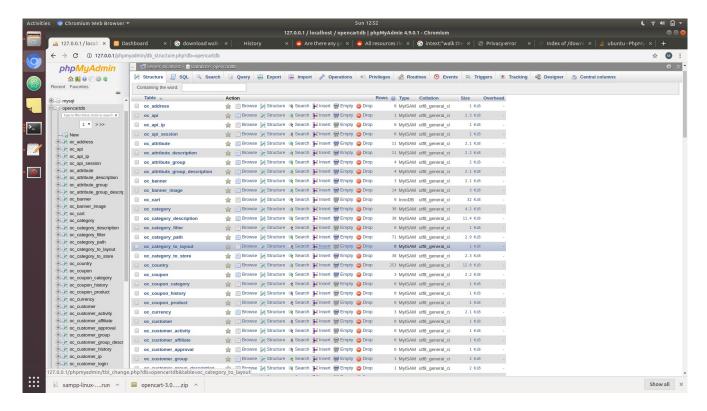
ADMIN PORTAL

Open Cart has its own admin portal where different categories, products, currencies etc can be added without coding. Next Screenshot provides a first look of the portal.

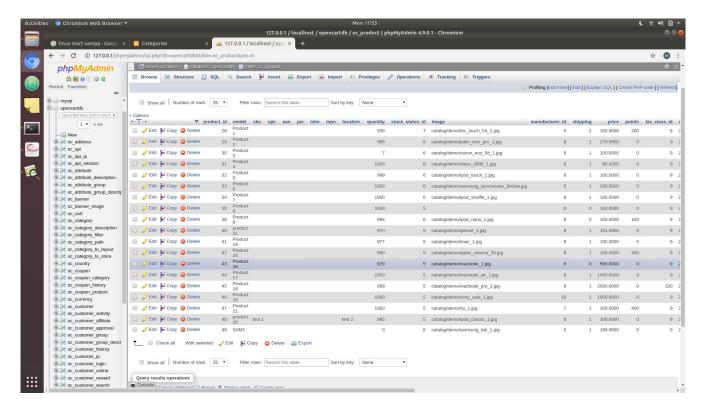


Resources can be managed from 'Catalog' drop down on left side of the page. This page represents fully any resources, and purchases made from different areas over the globe, and also allows to manage currencies. The sale graph also shows any sales made in graphical format.

DATABASE



While installing OpenCart asked for a newly-created database which can be populated. I created 'opencartdb' for this purpose. Above screenshot represents a subset of the database. Different tables are available to deal with respectable resources. For the sake of this report, I will only showcase product table:



ProductId is the key-attribute and many other other attributes are foreign for example CategoryId.

CODE

OpenCart also allows source manipulation with coding. Follwong Screenshot represents a .php file for product management.

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Description of the product plane of the product pla
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This code represents the back-end of the admin portal from where products are added. As you can see from the code of function addProduct, it directs addition to SQL Database. We can manipulate it for our needs but for now we will leave it as it is.

WIDGET

I installed a Theme called 'Nou Free-OC 3'. The procedure for installation was as follows:

I downloaded the theme.

Uploaded it to the server using FileZilla.

Installed the plugin using OpenCart Admin Portal.

Enabled the plugin using OpenCart Admin Portal.

