Magento CE: Setup and showcase of an E-commerce

Abstract:
This poster gives a general overview of a project with the aim to set up and showcase an e-commerce system. Magento CE was used for this. The project also used two extensions namely, *beeTailer* and *mSemantic*, which are free for download at the magento extensions marketplace. The first of these extensions allowed us to incorporate aspects of social semantic web into the e-store. The later attaches RDFa tag / metadata to the e-store to publish it on an online vocabulary and make it discoverable in the Semantic Web. *Magento DB Publisher*, a java implementation of d2rq that we did enables the e-store Administrator to export the relational database used by Magento into RDF from where it can either be viewed as HTML or RDF or queried over a SPARQL endpoint.

This poster is presented as a partial fulfilment of a lab module, MA-INF3232-Lab by
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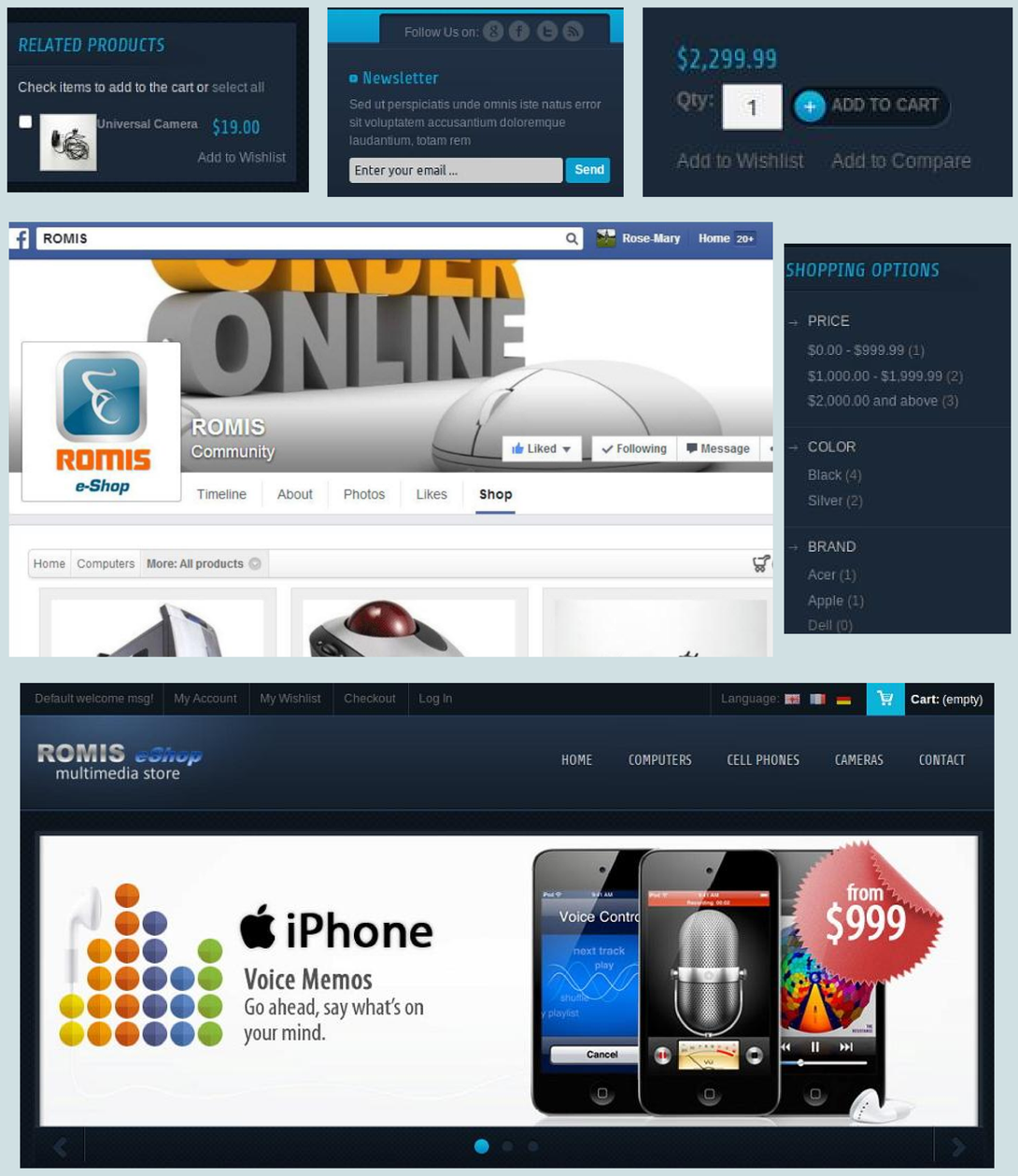


Virtual Machine

Ubuntu login: magento

Name: Ubuntu14-Magento
OS: Ubuntu (64 bit)
Base Memory: 1024 MB
Processors: 2

Teamviewer Access

Partner ID
288 967 688
E1sPa33w0rd.
Remote control
File transfer
VPN
Connect to partner

Github Access

http://goo.gl/0dIWEr

Live - Frontend

Navigate browser to:
goo.gl/uuLgg8 *

Local - Frontend

Navigate browser to:
localhost/romiseshop/admin

Live - Backend

Navigate browser to:
goo.gl/Xpz9fY *
User: magento
Password: magento77

Local - Backend

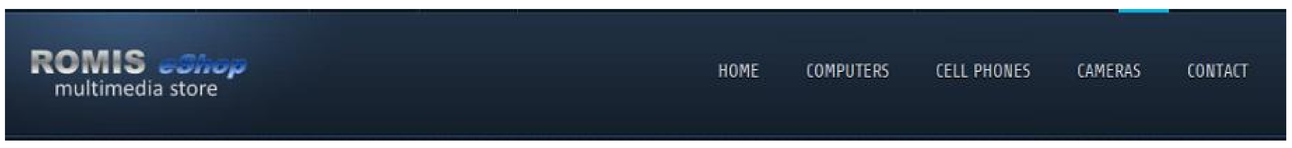
Navigate browser to:

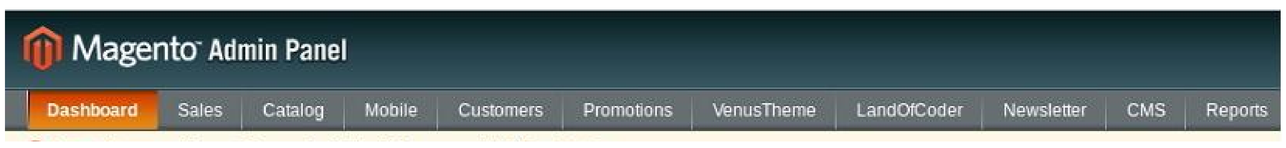
localhost/romiseshop/
User: magento
Password: magento77

The live links might change over time, Please find the current link from a text file "readme.txt" from the Public GitHub Repository of the EIS Lab GroupB or from this direct link here: **goo.gl/HmD7UL**

mSemantic beetailer

Both extensions freely available from Magento Connect





Explore Products

- Visit **goo.gl/uuLgg8** Or the facebook page of the webstore **goo.gl/0ulKIo**
- If you already have an account with the webstore, go to activity 3 else go to activity 2

How to Use

- Give permissions to the executable file on Linux (sudo chmod a+x magentodbpublisher.jar)
- Run the program
- Introduce the required data: Database Name, MySQL Credentials (Username/Password) and Server port to publish
- Press "Generate" button to start the publication process
- DONE! Now you can access the Magento DB as virtual, read-only RDF graphs

Login Front

- Click on the "login in" icon
- Follow the instructions on the "login page"
- Click on the "login" button"

Creating an Account

- Click on the "login in" icon
- Click "create an account" button on the new page display
- Follow the instructions on the create an account page
- Click on the submit button

```
sudo chmod a+x magentodbpublisher.jar
```

Requirements

- Linux OS (Any distribution)
- Working Magento 1.7+ Installation
- Java SE Runtime Environment 7 or newer

Payment and Checkout

- Click on the shopping cart button on the top right corner of the store.
- Check that you have selected the right products in their right quantities.
- If there is an error, click "update shopping cart" button else click "proceed to checkout" and follow the steps.

Adding a product to shopping cart

- Click on the item you would like to buy.
- Type the quantity of the products you would like to buy.
- Click on "add to cart button"

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