



EIS Lab SS 14

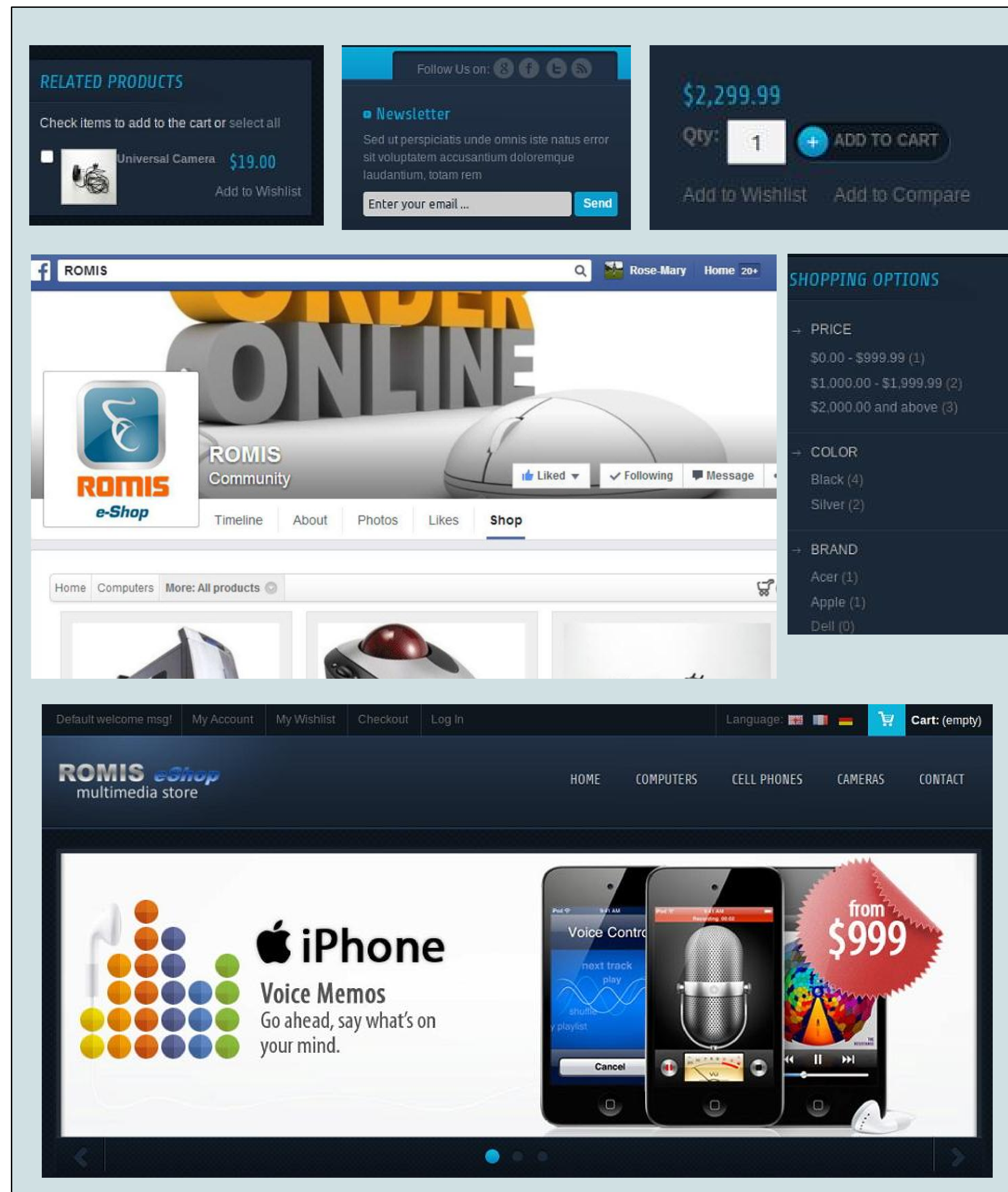
Magento CE: Setup and showcase of an E-commerce system



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, *beeTrailer* 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-shop. The later is used along with what we call the *Magento DB Publisher*, a java app we developed in order to export the relational database used by magento into a d2r mapping file from where it can either be viewed as an HTML or RDF or queried over a SPARQL endpoint.

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

Navigate browser to:
goo.gl/uuLgg8

Local - Frontend

Navigate browser to:
localhost/romishop/admin

Live - Backend

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

Local - Backend

Navigate browser to:
localhost/romishop/
User: magento
Password: magento77



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 ☆ ▼

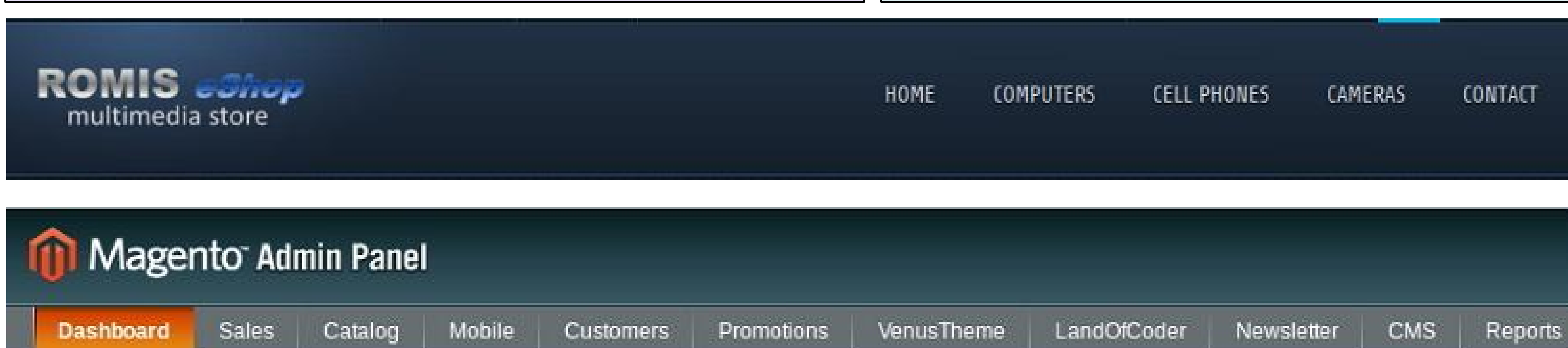
E1sPa33w0rd.

☒ Remote control
☐ File transfer
☐ VPN

[Connect to partner](#)

Github Access

<http://goo.gl/0diWEr>



Explore products

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

Login Front

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

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.

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

Adding a product of 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"

Magento DB publisher is a Java executable file, in order to successfully run this software Java SE Runtime Environment 7 must be installed on the Linux OS. Also, the folder /lib must be on the same directory as the executable file (.jar). The folder "lib" has the libraries and D2RQ files required by the software to successfully process the database.

