NAME: **SRAVAN KUMAR VASAM**
YEAR OF THE PROJECT: **June 2019**
SUBJECT: **WEBCENTRIC**

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ESIGELEC student sales portal

objective: The objective of the project is to deploy a web application, running in the local host server (127.0.0.1). Its sales portal of the school, There students can sell/buy laptops online. Admin can add/remove products also remove users. And manager can validate the orders/remove orders.

In order to use my web application the following requirements must be meet the host computer.

Operating system	Linux ubuntu 16.04 LTS
Web server	Apache 2
Database	Mysql
Server programming	php

Install Web server apache 2:
sudo apt-get install apache2
sudo apache2ctl configtest
After installation done successfully please place all the files in the following directory
/var/www/html/

Install mysql:
sudo apt-get install mysql-server

Install php:
sudo apt-get install php libapache2-mod-php php-mcrypt php-mysql
and set username & password.

goto the webbrowser type 127.0.0.1/phpmyadmin
username: root
password: 12581258

System	Linux sravan-Aspire-E1-470P 4.15.0-43-generic #46~16.04.1-Ubuntu SMP Fri Dec 7 13:31:08 UTC 2018 x86_64
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.0/apache2
Loaded Configuration File	/etc/php/7.0/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.0/apache2/conf.d
Additional .ini files parsed	/etc/php/7.0/apache2/conf.d/10-mysqlnd.ini, /etc/php/7.0/apache2/conf.d/10-opcache.ini, /etc/php/7.0/apache2/conf.d/10-pdo.ini, /etc/php/7.0/apache2/conf.d/15-xml.ini, /etc/php/7.0/apache2/conf.d/20-calendar.ini, /etc/php/7.0/apache2/conf.d/20-ctype.ini, /etc/php/7.0/apache2/conf.d/20-dom.ini, /etc/php/7.0/apache2/conf.d/20-exif.ini, /etc/php/7.0/apache2/conf.d/20-fileinfo.ini, /etc/php/7.0/apache2/conf.d/20-ftp.ini, /etc/php/7.0/apache2/conf.d/20-gd.ini, /etc/php/7.0/apache2/conf.d/20-gettext.ini, /etc/php/7.0/apache2/conf.d/20-iconv.ini, /etc/php/7.0/apache2/conf.d/20-json.ini, /etc/php/7.0/apache2/conf.d/20-mbstring.ini, /etc/php/7.0/apache2/conf.d/20-mcrypt.ini, /etc/php/7.0/apache2/conf.d/20-mysqli.ini, /etc/php/7.0/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.0/apache2/conf.d/20-phar.ini, /etc/php/7.0/apache2/conf.d/20-posix.ini, /etc/php/7.0/apache2/conf.d/20-readline.ini, /etc/php/7.0/apache2/conf.d/20-shmop.ini, /etc/php/7.0/apache2/conf.d/20-simplexml.ini, /etc/php/7.0/apache2/conf.d/20-sockets.ini, /etc/php/7.0/apache2/conf.d/20-sysvmsg.ini, /etc/php/7.0/apache2/conf.d/20-sysvsem.ini, /etc/php/7.0/apache2/conf.d/20-sysvshm.ini, /etc/php/7.0/apache2/conf.d/20-tokenizer.ini, /etc/php/7.0/apache2/conf.d/20-wddx.ini, /etc/php/7.0/apache2/conf.d/20-xmlreader.ini, /etc/php/7.0/apache2/conf.d/20-xmlwriter.ini, /etc/php/7.0/apache2/conf.d/20-xsl.ini
PHP API	20151012
PHP Extension	20151012
Zend Extension	320151012
Zend Extension Build	API320151012,NTS
PHP Extension Build	API20151012,NTS
Debug Build	no

DATABASE

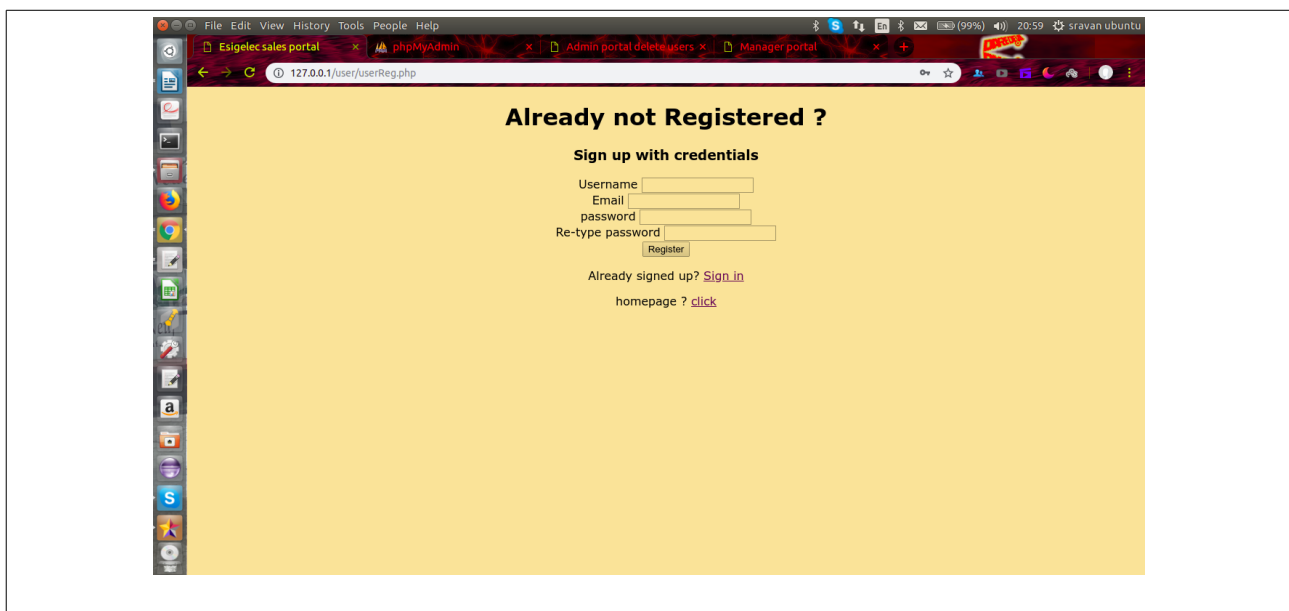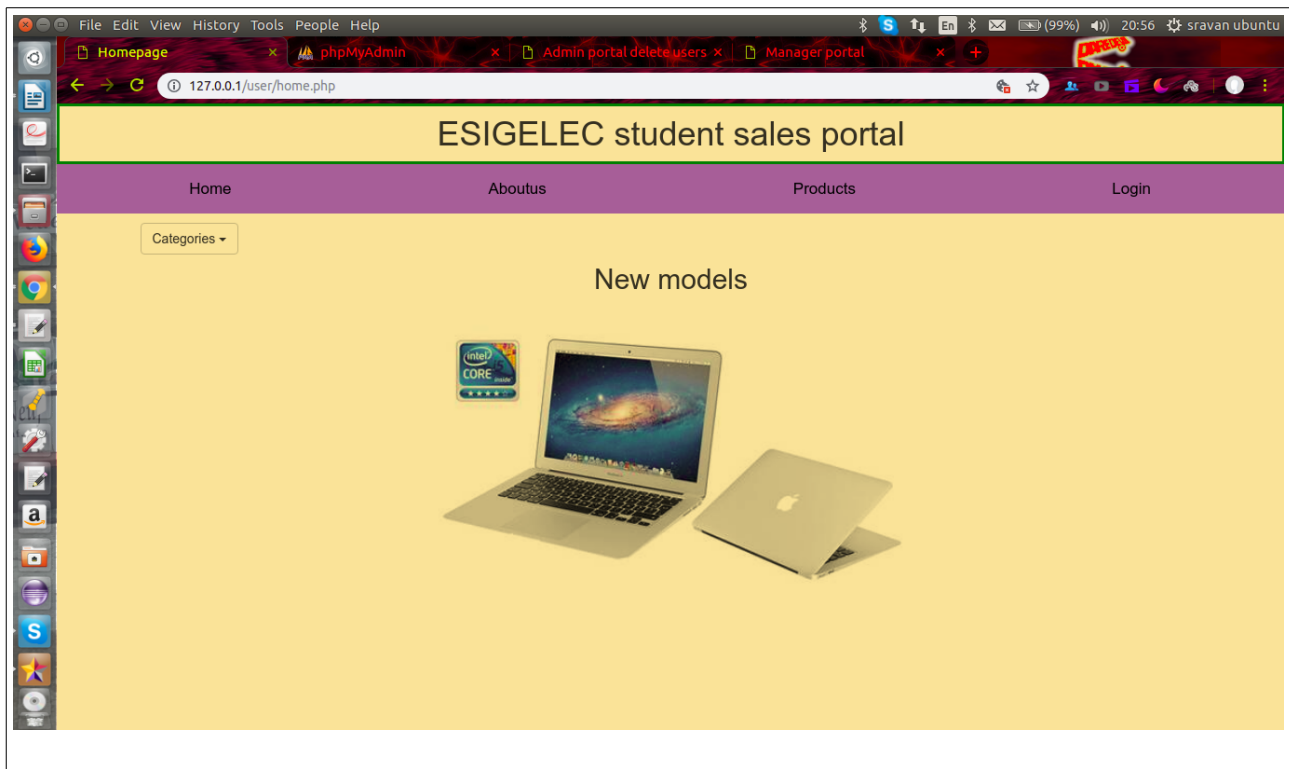There are two databases and 3 tables listed below.

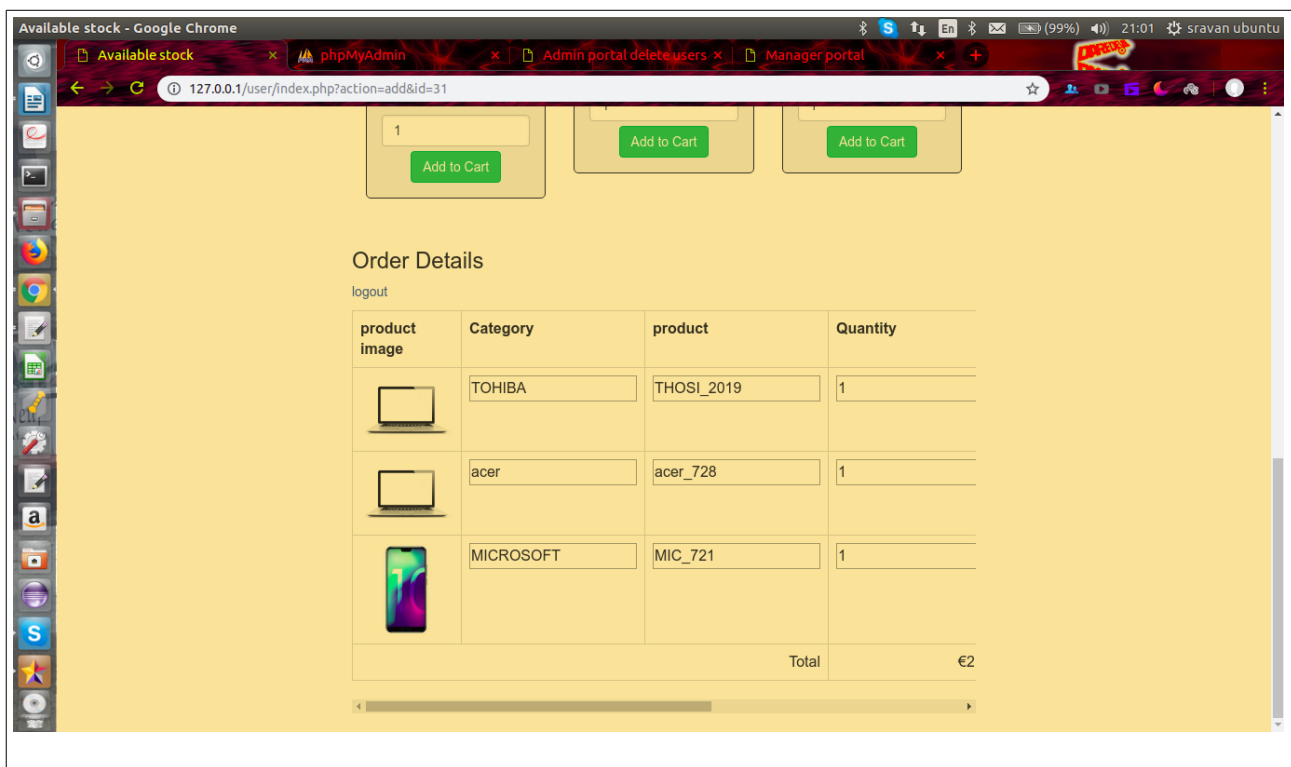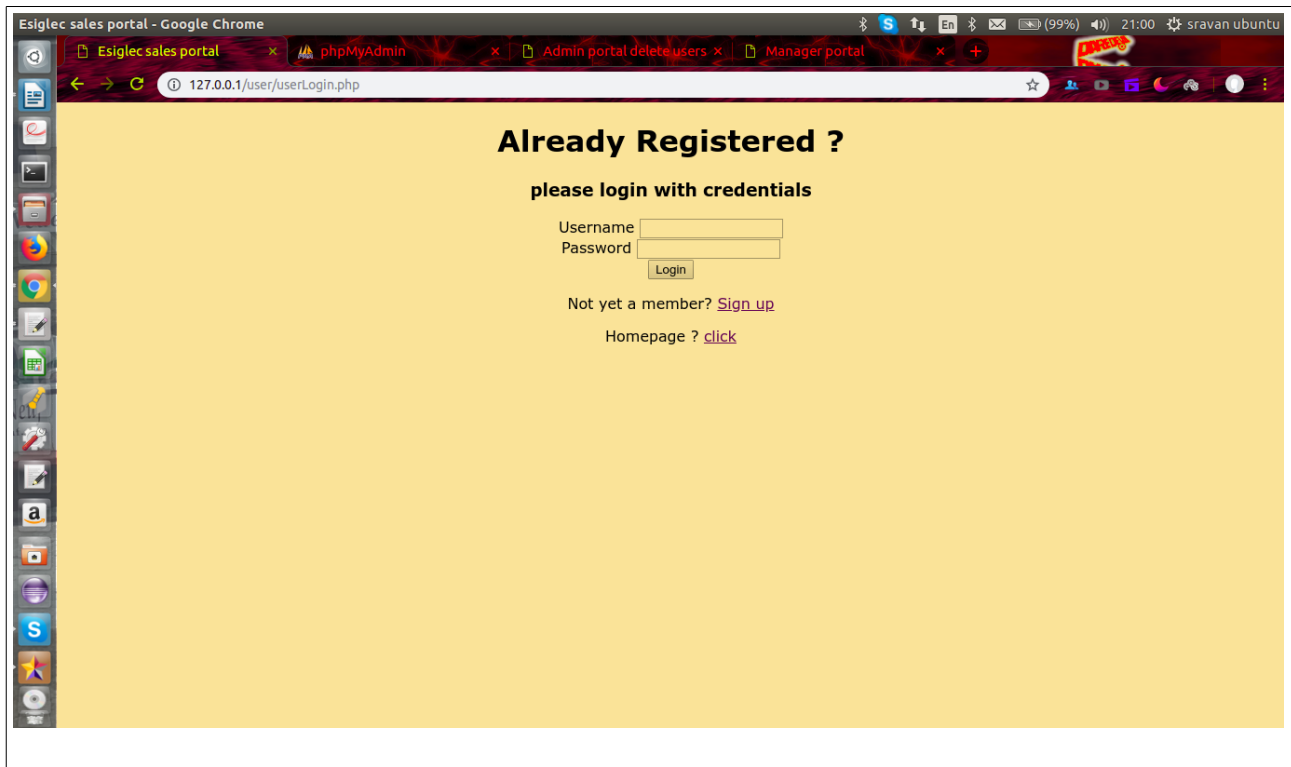| Basket.db | Orders.sql & products.sql |
| Registration.db | Users.sql |

if the server up and running, goto the web browser and type the
127.0.0.1/user/home.php
* I created a folder called user where I created all the php files related to **user** portal.

How to use web application

HOMEPAGE

Already Registered ?

please login with credentials

Username [   ]
Password [   ]
[Login]

Not yet a member? Sign up

Homepage ? click

Order Details

logout

product image	Category	product	Quantity
	TOHIBA	THOSI_2019	1
	acer	acer_728	1
	MICROSOFT	MIC_721	1
		Total	€2

1

[Add to Cart]   [Add to Cart]   [Add to Cart]

Order Details

	Quantity	Price	Total	Action	
	1	€889	$889.00	Remove	Order
	1	€821	$821.00	Remove	Order
	1	€487	$487.00	Remove	Order
tal		€2,197	1		

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validate order

please verify

category TOHIBA
product THOSI_2019
quantity 1
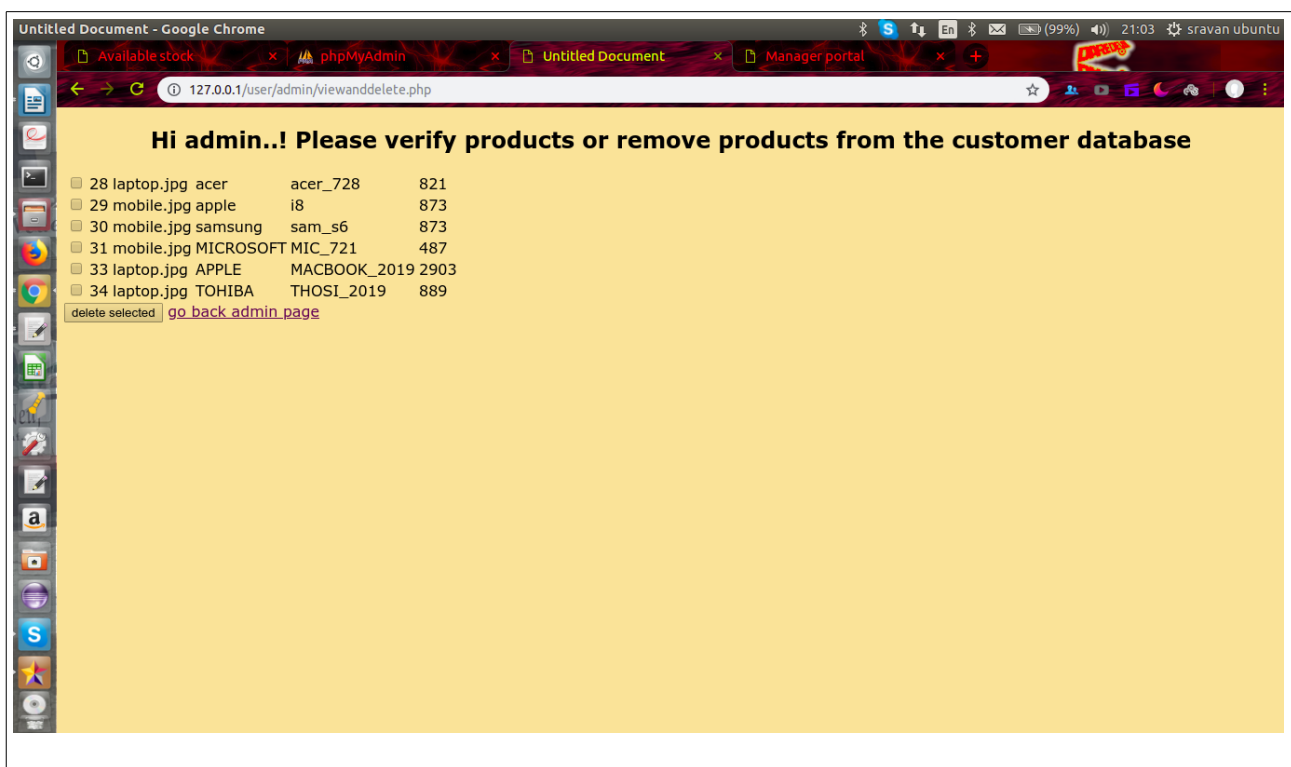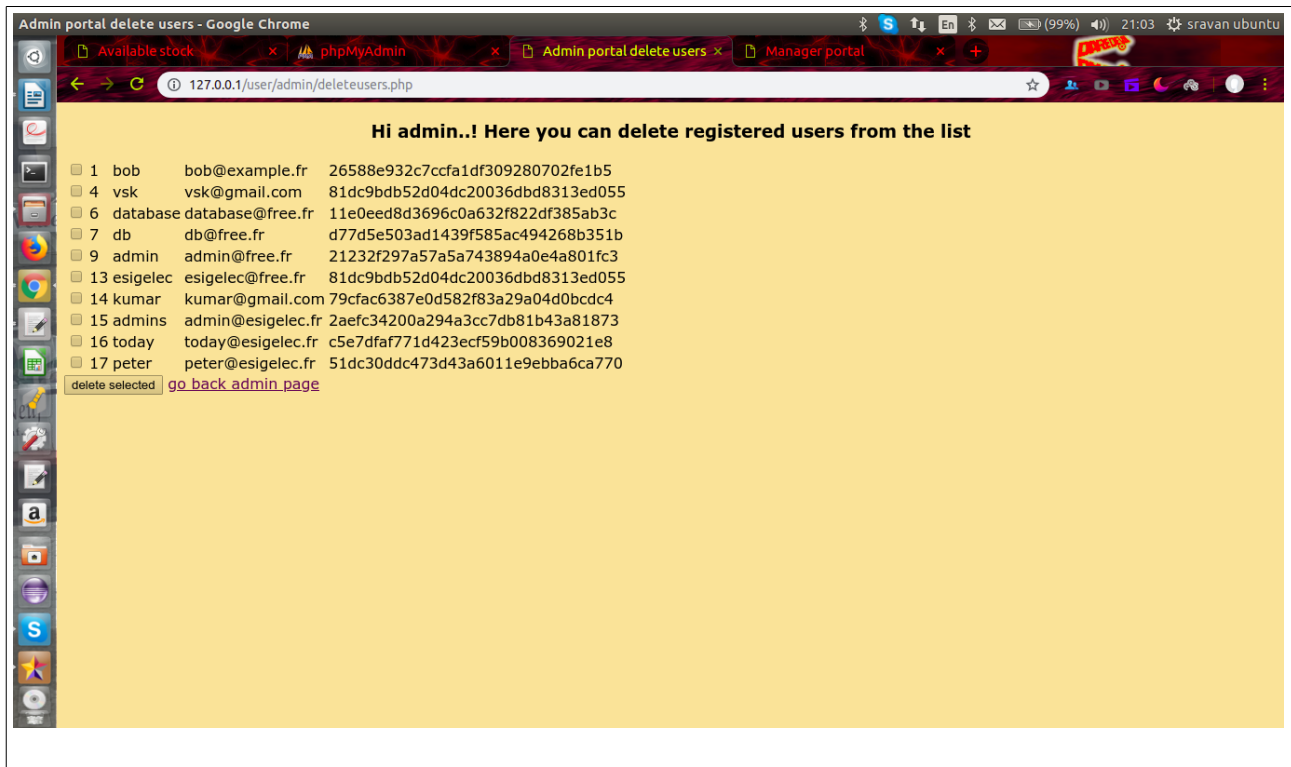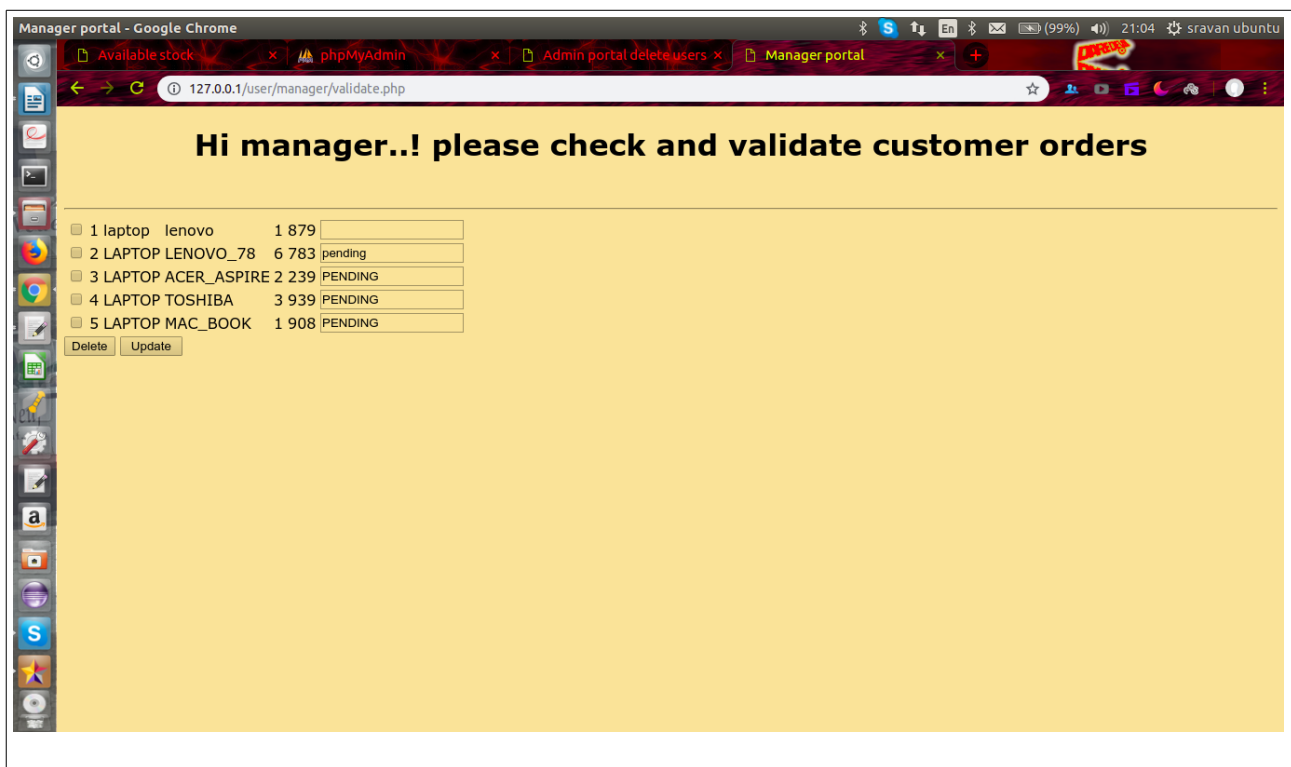price €889

Register

Admin: please check the products and click on remove selected button to remove products from the available stock. (products.db)

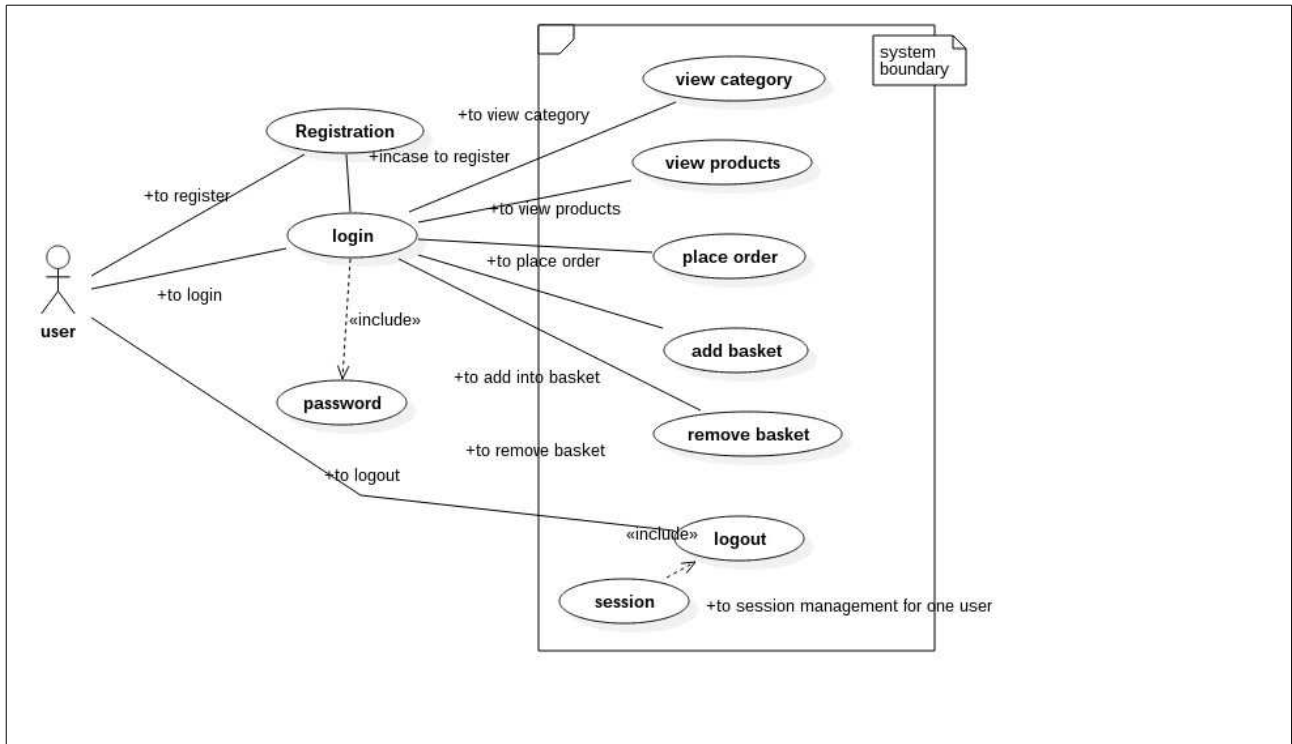**Admin**: please check the user and click on remove selected button to remove from the database of users.
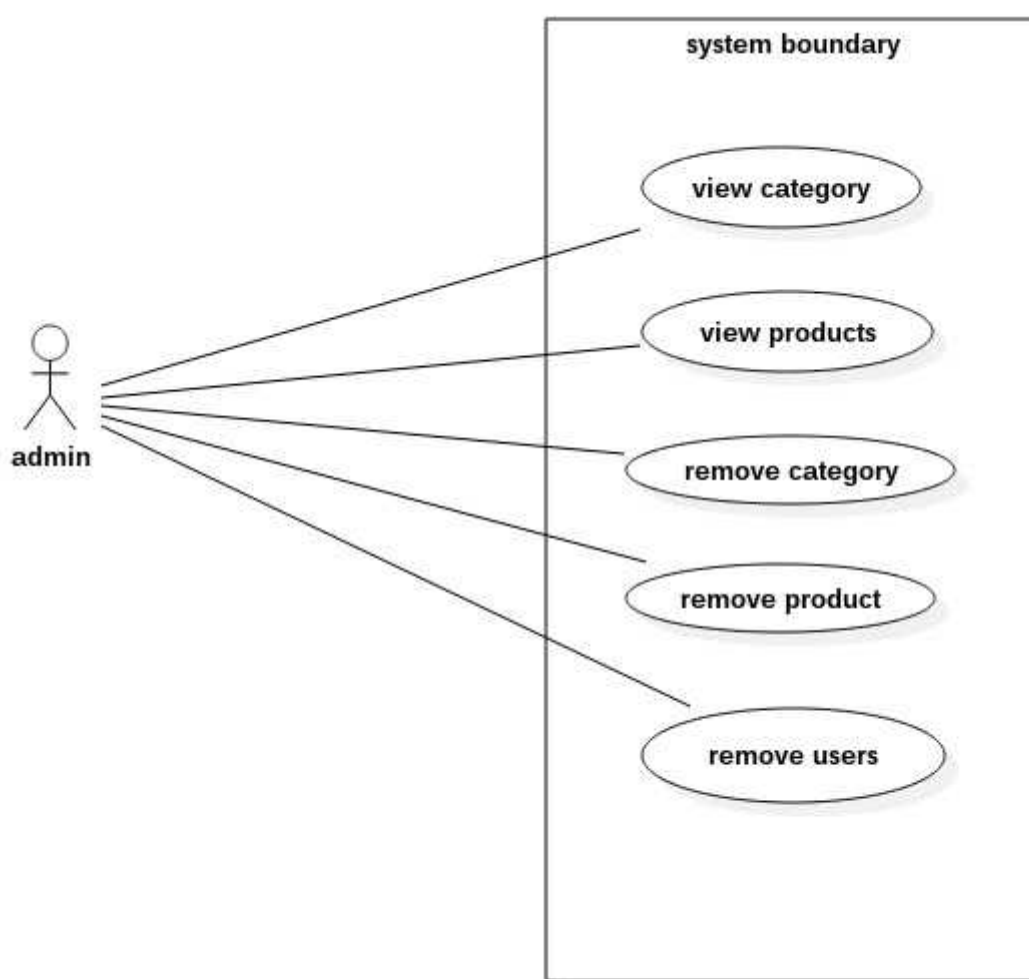
Manager: manage can access the orders data base and validate/delete orders of users. (orders.db)

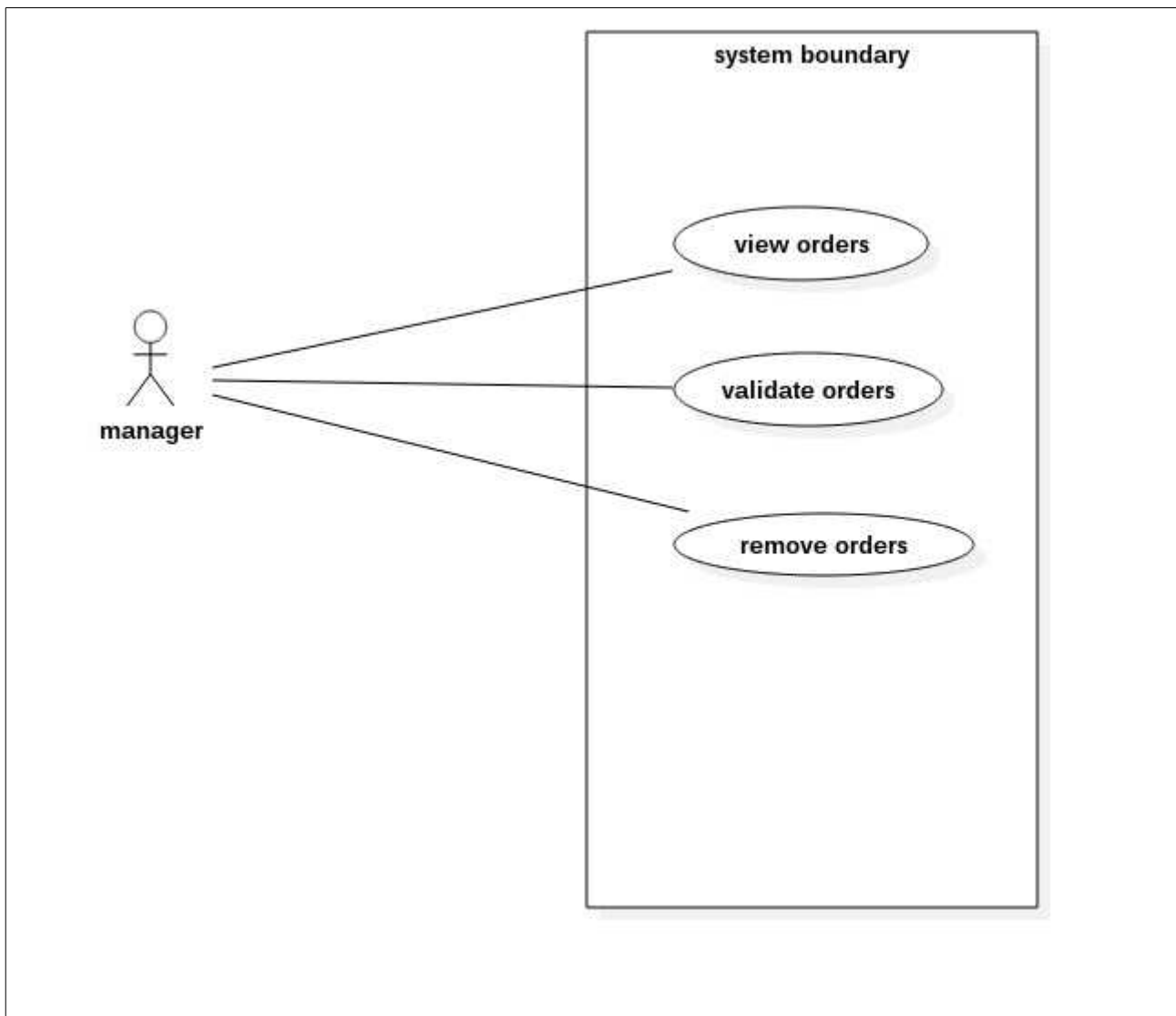# UML USE CASE DIAGRAM OF USER

ADMIN UML USE CASE DIAGRAM

MANAGER UML USECASE DIAGRAM

TECHNOLOGIES USED:

HTML
CSS
JAVA SCRIPT
PHP
MYSQL
APACHE 2 WEBSERVER
LINUX/UBUNTU 16.04 LTS
STAR UML 3.0.1

CONCLUSION:

The project is deployed in linux machine, running in apache2 web server is new challenging. Faced several difficulties during developing the project from user side, connecting to server pages for registration, user login and session management kind challenging during connecting to server pages, and user basket management to add the sale into basket. From the admin side delete users and add products and remove projects is challenging because at the same time the database to be updated since its running in php. So the displaying in real time database and the functions to developed is challenging. From the manager side the to delete the orders also challenging.

LEARNING:

During the development of the project I got difficulties in the server connecting, and after basket management of the users, session management of the user. Admin side connecting into database and retrieving the data of the products database to add the products and remove products and remove users. In real time the database updated in single click of delete and updated instantly on the web browser. Manager side also to validate the users orders. Back end side and front end side had learnt something new from this project.