

UNIVERSITY OF THE PHILIPPINES MANILA  
COLLEGE OF ARTS AND SCIENCES  
DEPARTMENT OF PHYSICAL SCIENCES AND MATHEMATICS

LOCALIZED E-COMMERCE APPLICATION FOR  
UNIVERSITY OF THE PHILIPPINES MANILA  
(LEAF-UPM)

A special problem in partial fulfillment  
of the requirements for the degree of  
**Bachelor of Science in Computer Science**

Submitted by:

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May 2016

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## ACCEPTANCE SHEET

The Special Problem entitled “Localized E-Commerce Application for University of the Philippines Manila (LEAf-UPM)” prepared and submitted by Harold James C. Decapia in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science has been examined and is recommended for acceptance.

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## **Abstract**

Many organizations or individuals at the University of the Philippines Manila (UP Manila) sell different types of products such as shirts, textbooks, tickets, etc. The only ways into which these sellers are able to advertise their products are by means of (1) posting some posters of these on bulletin boards, (2) posting posters of these on social media and (3) direct communication between the buyer and the seller. Because of this, certain problems are encountered by both buyers and sellers in terms of convenience, effort, awareness, customer and product management. Certain web applications have already been designed and implemented but none of these is localized; that is, for use only within the UP Manila campus. The goal of this project is to design and implement a localized web-based application which will centralize all product advertisements, all sellers and all buyers of products within UP Manila.

*Keywords:* E-Commerce, Buy and Sell, UP Manila, Information Systems

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# I. Introduction

## A. Background of the Study

Nowadays, the Internet is not just used for finding information on the web or for social networking but also, it is used as a powerful tool for doing business online. This activity is known as Electronic Commerce (E-Commerce). E-Commerce is formally defined as the buying and selling of goods and services, or the transmitting of funds or data, over an electronic network, primarily the Internet [1]. Although, it means buying and selling of products over the internet, any transaction that is completed solely through electronic measures can also be considered E-Commerce [2]. This includes deals or trades which are done over the internet. The transactions occur by either consumer-consumer, business-business, business-consumer or consumer-business [1]. It is a powerful concept and process that has fundamentally changed the current of human life [3]. Because of E-Commerce, many companies, organizations or even individuals do their businesses more easily and more convenient since they are more connected to their customers and that interaction between them and their products is more manageable.

In the Philippines, E-Commerce is becoming a huge market which attracts a lot of customers [4]. Some of the most popular E-Commerce sites in the Philippines are the olx.com.ph and ayosdito.ph. These E-Commerce sites allow the general public to buy and sell or advertise products online. They just have to post an advertisement of their product, and if one customer got interested into the product, he/she will contact the seller to talk about the product and perhaps make a deal about the price.

In the local setting of the University of the Philippines Manila, many students especially those members of an organization are fond of selling different types of products such as clothes, tickets, books, gadgets, foods, etc. For example is the UP Manila Indayog Dance Varsity organization. It is an organization in the UP Manila campus whose members interests are all about the art of dancing. There

are times that they hold concerts (e.g. Sayaw Manila) so they have to sell a number of tickets to everyone who are interested into watching their performance. Another organization is the UPM-Shoot which is fond of selling UP Merchandise like shirts, bags, etc. These sellers have their own ways in advertising their products. That is, they advertise them by posting them on bulletin boards around the campus and/or posting them on social networking sites like facebook, twitter, etc. The problem with these methods is that the sellers are limited into publicizing the advertisement only to their facebook friends or only to those who got to see the posts. As for the buyers, the times into which they buy a product is only when they got to see a post. The abovementioned sites of E-Commerce can be used by UPM students in buying and selling their products. However, they might find it slow and difficult to find customers since their target market are members of the UPM community (students, faculty members, etc.). Also, it would be better if a totally different localized web application is used so that organizations can manage their products as well as to monitor the wants of their customers locally.

## **B. Statement of the Problem**

Many organizations at the University of the Philippines Manila (UPM) make different types of customized products (e.g. T-shirts, Bags, etc.) for use mainly by their fellow UPM students. The only ways into which these organizations are able to advertise their products are by means of (1) posting some posters of these on bulletin boards, (2) posting posters of these on social media and (3) by person to person communication between the students. In connection with these, certain problems occur. These are as follows: (1) the sellers find it hard to track customers wants and opinions on social media; (2) the sellers do not necessarily inform the general public about the products they sell since they limit the posts only to those who got to see them (e.g. facebook friends) and (3) it is difficult for them to find specific customers who are interested in buying their products especially if the seller is an individual.

On the side of the buyers, the following problems can be observed: (1) the buyers find it difficult to look for specific products they want within UP Manila and for specific sellers who could provide them; (2) they are not informed or not always aware that a new product is being sold at UP Manila and (3) they are limited into products that they want to buy to only those which are available for buying.

### **C. Objectives of the Study**

The research intends to produce a web-based application that will aid the buyers and the sellers of products within the UP Manila campus in buying and selling their products. There are three main types of users, (1) the Registered User, (2) the Unregistered User and (3) the System Administrator. The Registered User can assume the roles of being either a buyer or a seller. It can be an individual or an organization. The Unregistered User, on the other hand is the user of the system who has only the capability of browsing the available products in the system. He/She cannot buy the products. The System Administrator is the one responsible for managing the system as a whole. The following are the functionalities available for the users:

1. Registered User (as buyer)
  - (a) Account and Profile Management
    - i. View own profile information
    - ii. Edit profile information
    - iii. Edit login credentials (username and password)
  - (b) User Management
    - i. View all users
    - ii. Search for users
    - iii. View profile information of other users

- iv. View products advertised of other users, if any
- v. Rate a user (who the buyer has had transaction with) for credibility status

(c) Communication Management

- i. Send a private message to other users
- ii. See new messages
- iii. View all conversations

(d) Products Management

- i. View all products bought (Grid View, List View)
- ii. Browse products advertised
  - A. Filter products by category
  - B. Filter products by date
  - C. Filter products by category and by date
- iii. Buy or reserve for a product
- iv. Request for a product
- v. Search for a product

(e) Trades Management

- i. View requested trades
- ii. Request for a trade if a product can be traded

(f) Notifications Management

- i. Receive notification about status of bought product (whether marked as CANCELLED or PAID)
- ii. Receive notification about status of trade request (whether marked as CANCELLED or APPROVED)
- iii. Receive notification if product request has been deleted
- iv. View all notifications

2. Registered User (as seller)

(a) Account and Profile Management

- i. View own profile information
- ii. Edit profile information
- iii. Edit login credentials (username and password)

(b) User Management

- i. View all users
- ii. Search for users
- iii. View profile information of other users
- iv. View products advertised of other users, if any
- v. Report a seller to the System Administrator

(c) Communication Management

- i. Send a private message to other users
- ii. See new messages
- iii. View all conversations

(d) Products Management

- i. View all products sold (Grid View, List View)
- ii. View products advertised (Grid View, List View)
- iii. Advertise a product
- iv. Edit a product advertised
- v. Mark a sold product as either PAID or CANCELLED

(e) Trades Management

- i. Decide whether a product advertised can be traded or not
- ii. View all trade requests
- iii. Accept or Reject a trade request

- iv. Send a message to the buyer about the reason if the trade request has been rejected

- (f) Notifications Management

- i. Receive notification if a buyer bought a product
- ii. Receive notification if a buyer requested for a trade
- iii. Receive notification if a buyer rated him/her
- iv. Receive notification if product has been deactivated/activated by the System Administrator
- v. View all notifications

### 3. System Administrator

- (a) Account and Profile Management

- i. View own profile information
- ii. Edit profile information
- iii. Edit login credentials (username and password)

- (b) User Management

- i. Search for users
- ii. View profile information of other users
- iii. View products advertised of other users, if any

- (c) Communication Management

- i. Send a private message to other users
- ii. See new messages
- iii. View all conversations

- (d) Account Requests Management

- i. View account requests
- ii. Accept or reject account requests

(e) Registered Accounts Management

- i. View registered accounts
- ii. Activate or deactivate registered account

(f) Product Categories Management

- i. View existing product categories
- ii. Add product category
- iii. Rename product category

(g) Products advertised Management

- i. View all products advertised
- ii. Activate or deactivate a product advertised
- iii. Send a message to the seller if a product has been deactivated

(h) Product Requests Management

- i. View all product requests (Grid View, List View)
- ii. Delete a product request

(i) Notifications Management

- i. Receive notification for a new account request
- ii. Receive notification for new product request
- iii. Receive notification for a new buyer report
- iv. Receive notification for a new feedback
- v. View all notifications

(j) View all feedbacks

4. Unregistered User

(a) Browse products advertised

- i. Filter products by category
- ii. Filter products by date

- iii. Filter products by category and by date
- (b) View details of a product advertised
- (c) Search for a product
- (d) Request for a product
- (e) Receive email if product request has been deleted
- (f) Register for an account
- (g) Receive email about status of account requested (including username and password, if accepted)
- (h) Send feedback

## D. Significance of the Project

The web-based application will help both parties (the buyers and the sellers) into managing their products since the system will centralize all products, all buyers and all sellers within the UP Manila campus. Therefore, the products, the deals and the exchange of communication between the buyers and the sellers are more manageable.

The sellers are not necessarily an individual person. The sellers could be a group of people or an organization who are doing business inside the UP Manila campus by selling products. The web-based application will aid them into advertising their products and sell them as soon as possible. Moreover, the web-based application will help them know who their prospective buyers are and what products these buyers usually buy from them. Because of this, it can be said that they will be able to maximize their income.

The buyers, on the other hand will be aided by the system by a means of convenience and awareness. They need not browse social networking sites like facebook, twitter, etc. if their only reason is finding different kinds of merchandise such as UP shirts, tickets, bags, and others. They just have to look at the system and they will see the different products in the different product categories. The

need to look for a particular person or organization to buy a product will be addressed by the system. That is, they can buy anytime they want and anywhere they are as long as they have a device to access the system as well as an internet connection. Also, if the product they are looking for is not in the list of products in the system, they have the opportunity to request for it. If one seller can provide the product, the buyer can then buy it from him/her.

## **E. Scope and Limitations**

1. The system will not take into consideration the payments and billings of the bought items by the buyers.
2. The allowed users of the system are only members of the UP Manila community.
3. The products to be sold by the sellers need not be checked by the administrator.
4. The only means to view the product or to know how it looks like is by the images uploaded by the sellers.

## **F. Assumptions**

The following are the assumptions for the users of the web-based application:

1. If the seller marked a product as sold, it is assumed that he/she has received the payment from the buyer into whatever way they have chosen (ie. in person, credit card, etc.).
2. The users, as sellers, should update product information whenever a buyer bought their product/s in person. This should be done prior to giving the product to the buyer in person to avoid having buyers of a product which has already been sold.

## **II. Review of Related Literature**

Electronic commerce (E-Commerce) is a powerful concept and process that has fundamentally changed the current of human life [3]. Many individuals and organizations have adopted the concept of E-Commerce in doing their businesses.

One good example of an E-Commerce website is the Ebay. Ebay is a multibillion dollar company based in the United States with different offices worldwide [5]. It is basically an online auction and shopping website. Anyone from the general public can register an account for free. After registration, he/she can then sell items he/she wants. However, doing this does not mean automatic earnings from the items to be sold since there are still a lot of factors to consider. For one is the sellers credibility and trust rating. The seller has to have positive feedback from previous sold products from previous buyers. In other words, the buyer has to be sure that the seller can be trusted and that the products are not fake. Another E-Commerce website example based in the Philippines is the OLX. OLX is accessible to the general public. Anyone can sell and buy items online since OLX offers free advertisement to anyone. But unlike Ebay, OLX has no feature which allows buyers to purchase directly through a third-party payment gateway like Paypal, which is the primary advantage of Ebay.

Aside from the known websites of Ebay and OLX, other researchers have also created and analyzed the E-Commerce websites.

Yeyin [6] designed and implemented a small web shop that can be used for online business. The main users of the system were buyers and sellers who could be anyone. The main purpose was to (1) allow any buyers of a product to buy a product or to shop at home by using a computer or any device that can access the internet and to (2) allow any seller of a product to sell his/her product without the huge amount of maintenance cost for the management and marketing in the real storefront.

The Web shop system that Yeyin has designed and implemented used ASP (Active Server Pages), HTML (Hyper Text Markup Language), VBScript, Javascript

for implementing and bases on Microsoft Access for handling the database. The system Yeyin designed was divided into two parts, the front-stage and back-stage management page. The functionalities for the front-stage management page consists of: (1) Browsing the products, (2) Checking the products, (3) Ordering of the items, (4) Viewing of the shopping cart and (5) Functionalities for user maintenance. On the other hand, the functionalities for the back-stage management page include: (1) Product management, (2) User management and (3) Order management.

From the functionalities of the two division of the system, we can say that the front-stage management page is for users who will browse or who will inquire about products. Obviously, these users are the buyers in the business process. Also, the back-stage management page is for users who will manage the products, orders and even the users. We can say that the users are the administrator or also, the sellers of the product.

After designing the system, Yeyin then compared some already existing systems like ebay. The author then analyzed and modified the system by following and resolving some real problems and needs from some online shops.

Another study is the one made by Pramsane [7]. He made a study about the design and implementation of an online shopping center. He created a website designed as an online shopping center. It is divided into two parts, the back end and the front end systems. The back end part is mainly for the use of a store owner. It provides facility for each store owner to edit and modify information about his/her store. The figure below shows the components of the back end system.

As we can see from the figure above, the back end part encompasses different modules which include product management, shop information management, web board management, shopping cart management, member management, promotion management, banner management, plaza management, poll management, currency management and article management. Moreover, in this part of the sys-

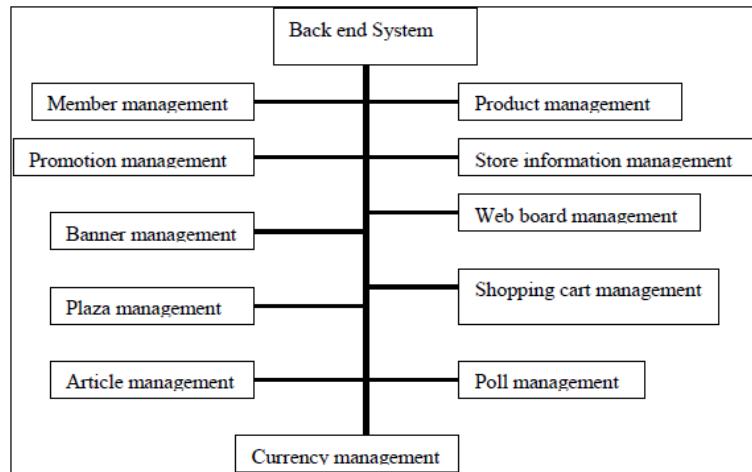


Figure 1: Back End system design of Pramsane's study

tem, the user can view and information which includes personal information as well as the store information

The second part of the system which Pramsane designed and implemented is the front end system. This part deals with the users who will buy from the online shop. The design of this part of the website is shown in the figure below.

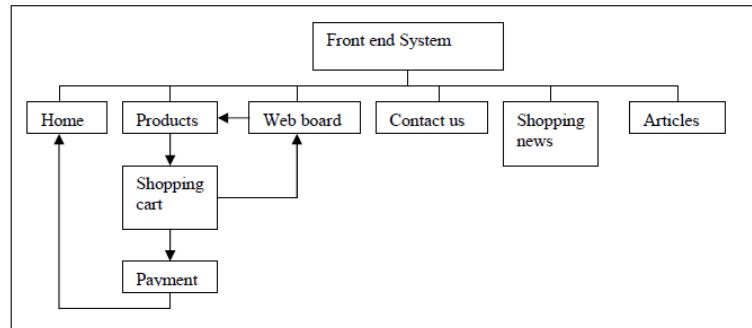


Figure 2: Front End system design of Pramsane's study

The front end part of the system was created by using templates to somehow expedite the design the loading processes. The main menu was consistent, making the website easy to use. Since the creation of the web site did not just deal with the software but also the hardware, Pramsane also analyzed the system in terms of technical performance. To obtain this, Pramsane utilized full options of both hardware and operating system software which led to the websites operation with low resource consumption even at its massive size. He further concluded that

his implementation of various techniques on web design together with database management and other additional services, the website he designed was responsive.

JunHua [8] also did a study by designing and implementing E-Commerce system based on the Web. As what any other E-Commerce website have, the basic features of the system include the buyer and the administrator or the seller. The users or buyers of the system can buy a product, inquire about a product, inquire about an order and order a product. On the other hand, the administrator or the seller is capable of merchandise management, order management and product management. Just like the other studies discussed, the system was divided into two parts which are the back-end database and the web site itself or the user interface. It was based on the structural design so the system can be developed further into being a more complex one in the future.

Another related research is the one made by Dhakal, et.al [9]. They made an Online Trading System for Nepal Stock Exchange (NEPSE) which helped to resolve many issues related to the capital market of Nepal which include insider trading, funds and securities shortage and cancellation of trade. In simple terms, they automated the process of trading goods or products and services to be used by the NEPSE.

Zhi Li, et.al [10] created a Jewelry Selling System. The system intended to help managers into effectively inputting jewelry information and also made buying jewelry online available to all customers since they could just access the website anytime they want as long as they have an Internet connection. The system was based on .NET MVC Framework which was designed and built on the visual studio 2010 development platform with SQL server 2008. The authors, prior to discussing the system , discussed the overall design of the system model by explaining the Model-View-Controller (MVC) Framework. The system was then been deployed in a jewelry company in the United States of America which proved that the system was stable, efficient and safe.

A research conducted by Sakurai, et. al [11] dealt with the creation of a sale-

oriented online-shop management support method. With this, online-shop owners would be able to efficiently and reliably construct attractive sale pages consistent with their database of products. What was good with the system was that the automatic construction and interactive update of DB for each sale of product group could be done consistently and dynamically which was synchronized with the sale. Some of the functionalities of the system include a product group name editing function, a retrieval function of products that belong to a group and a group attributes editing function for products.

Almost all of the websites designed and implemented which were mentioned above have the same major functionalities which include product management, store or shop management, customer management, etc. According to Purwati [12], the web interface is a major success indicator since customers interface with the sellers in the cyberspace through the sellers website. The lack of interface standard features within E-Commerce websites will make a company lose up to 50% of potential online sales because of the fact that the users cannot find what they want [12]. So as we can see, almost E-Commerce have almost the same kind of interface which include design elements like site navigation, home link, search, view cart, get help, manage account, catalogue and personalization functions. Because of this, it is recommended that a seller include the major functionalities to be used in E-Commerce websites in order to maximize the sellers earning potential.

Aside from web applications, mobile applications can also be used for E-Commerce. This is referred to as Mobile Commerce (M-Commerce). M-Commerce is defined as the subset of e-commerce, which includes all e-commerce transactions, carried out using a mobile (hand held) device [13]. This is because of the fact that using the mobile for E-Commerce transactions has the advantages and benefits of ubiquity, convenience, interactivity, personalization and localization [2]. Because of this, some applications have been created for M-Commerce.

Nugroho, et.al [14] designed and prototype a mobile marketing system for E-Commerce. The system implemented information personalization, privacy pro-

tection, up-to-date content, market targeting as well as social network.

Other M-Commerce applications are those made by Liu, et.al [15] and Alqah-tani, et.al [16]. Liu, et.al created a mobile based application of an online phone shop. The design and implementation was simple for the primary purpose of their study is to promote the use of M-Commerce. The same study was done by Alqah-tani, et.al. Their study focused on creating mobile-based E-Commerce application using Ruby on Rails.

E-Commerce created many benefits for companies and individuals. However, some disadvantages and serious problems stem from this issues. Nanehkaran [3] did a research about the advantages or benefits as well as the disadvantages of E-Commerce. He enumerated these and said that the advantages of using E-Commerce include (1) Being able to buy 24/7, (2) Decrease transaction costs, (3) Conduct business easily and (4) Being able to compare prices with other products. On the other hand, the disadvantages include (1) Security, (2) Low-speed data transfer on the Internet and (3) Difficulty of accessing websites on the internet. Nanekharan concluded that apart from all advantages, E-Commerce still has weaknesses as seen from the above table. However, these weaknesses will not be a big issue due to the increase of Internet users and the ease of access to the virtual world of the Internet. Nanekharan further said that E-Commerce will change the face of the world.

### **III. Theoretical Framework**

#### **A. University of the Philippines Manila**

The University of the Philippines Manila (UP Manila) is a coeducational and public research university located in Manila, Philippines [17]. It is the oldest of the seven constituent universities of the University of the Philippines System. It was established on June 1908 at the Ermita-Padre Faura campus. It was also the day of the establishment of the University of the Philippines.

UP Manila is the Philippines center of health sciences education. It exercises administrative supervision over the Philippine General Hospital, the largest medical center and the national referral center for health in the Philippines. It consists of seven colleges, the College of Arts and Sciences (CAS), the college of Allied Medical Professions (CAMP), the College of Dentistry (CD), the College of Nursing (CN), the College of Medicine (CM), the College of Pharmacy (CPH) and the College of Public Health (CP). UP Manila is a reputable school of tertiary learning in the health sciences, with its colleges recognized as top performing in the board exams.

As of 2013, UP Manila houses 5,903 students, 3,881 of whom are Undergraduate Students and 2,022 of whom are doing Post Graduate studies. It also houses 1,228 academic staff as of 2013.

Currently, UP Manila does not have an E-Commerce application which manages buying and selling of products within the campus. The only ways into which buying and selling of products within the campus are done are by (1) posting product advertisements on social media; (2) posting product advertisements on bulletin boards around the campus and by (3) direct communication between the buyer and the seller of the product.

## **B. Electronic Commerce**

Electronic Commerce (E-Commerce) is defined as the sharing of business information, maintaining business relationships and conducting business transactions by means of telecommunications networks [18]. It has five main types, namely, Business-to-Business (B2B), Business-to-Consumer (B2C), Consumer-to-Consumer (C2C), Peer-to-Peer (P2P) and Mobile Commerce (M-Commerce).

B2B E-Commerce is the largest type of E-Commerce in which businesses focus on selling to other business. The transactions here are usually carried out through Electronic Data Interchange (EDI). B2C E-Commerce is the type of E-Commerce in which online businesses attempt to reach individual consumers. C2C E-Commerce, on the other hand, provides a way for consumers to sell to each other, with the help of an online market maker. This type of e-commerce technology promotes the opportunity for consumers to transact goods or services to other consumers. P2P E-Commerce enables Internet users to share files and computer resources directly without having to go through a central web server. That is, no intermediary is required in peer-to-peers purest form. Lastly, M-Commerce refers to the use of wireless digital devices to enable transactions on the Web. Many types of transaction can be conducted by mobile consumers, including stock trade, in store price comparisons, banking, travel reservations and more.

## **C. Information System**

An information system is defined as the software that helps organize and analyze data [19]. Its primary purpose is to turn raw data into useful information that can be used for decision making in an organization. There are five main components that an information system contains. These are as follows: (1) computer hardware such as processors, monitors, keyboard and printers; (2) the programs used to organized, process and analyze data called as software; (3) databases; (4) the different elements which are needed to be connected together, referred to as the network and (5) the procedures which describe how specific data are processed and

analyzed in order to get the answers or which the information system is designed.

## D. Database Management System

Database Management System (DBMS) is a software package designed to define, manipulate, retrieve and manage data in a database [20]. A database is a collection of information that is organized so that it can easily be accessed, managed and updated [21]. Fourth generation query languages, such as SQL, are used along with the DBMS package to interact with a database. There are four main types of database organization, (1) relational database, (2) flat database, (3) object-oriented database and (4) hierarchical database [20].

In a relational database, data is organized as logically independent tables. The relationships among these tables are shown through shared data. The relational database organization is the most widely used system of database organization. In a flat database, data is organized in a single kind of record with a fixed number of fields. A flat database encounters more errors due to the repetitive nature of data. In an object oriented database, data is organized with similarity to object oriented programming concepts. An object consists of data and methods, while classes group objects having similar data and methods. Lastly, in a hierarchical database, data is organized with hierarchical relationships.

## E. CodeIgniter

CodeIgniter is a free, open-source, easy-to-use, object-oriented PHP web application framework, providing a ready-to-use library to use with the developer's PHP applications [22]. One of these ready-to-use library is the Database API which makes it easier and more convenient to execute SQL queries such as SELECT, UPDATE, DELETE, INSERT, etc. without having to create a lot of repetitive codes.

CodeIgniter is object-oriented. Meaning, using CodeIgniter requires the knowledge or familiarity with the object oriented programming paradigm. Also, CodeIgniter

is based on the Model-View-Controller design pattern.

Model-View-Controller (MVC) is a design pattern for the architecture of web applications [23]. Its main purpose if to achieve a clean separation between three components of most any web application; that is, to assign an object in an application in one of three roles: model, view and controller [24].

The figure below summarizes the difference of the three roles [25].

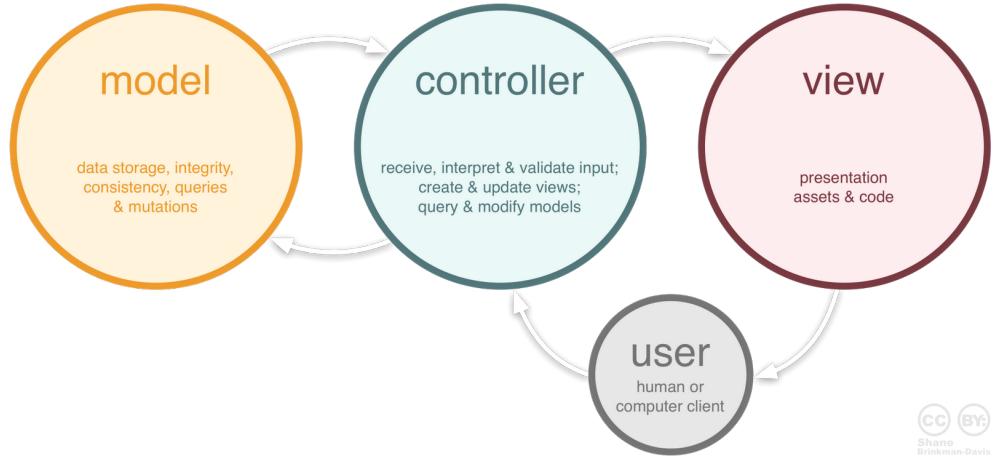


Figure 3: Model-View-Controller

The model typically handles data storage, integrity, consistency, queries and mutations. We can say that this component is the one responsible for persistence or for the managing the database. The view is for the user interface. It acts like a "presentation filter" [26]. The controller is the link between the user and the system [26]. It can communicate with either the model or the view.

Since MVC is about the separation of the model, view and the controller. It has some perceived benefits which talks about the separation of concerns in the database [23]. For one, MVC (1) allows re-use of business-logic across applications, (2) allows development of multiple User Interfaces (UI's) without touching business logic codebase and (3) discourages "cut and paste" repetition of code, streamlining upgrade and maintenance tasks.

## IV. Design and Implementation

### A. Context Diagram

The system has three access levels: the registered user, the unregistered user and the system administrator. The context diagram is shown in Figure 4.

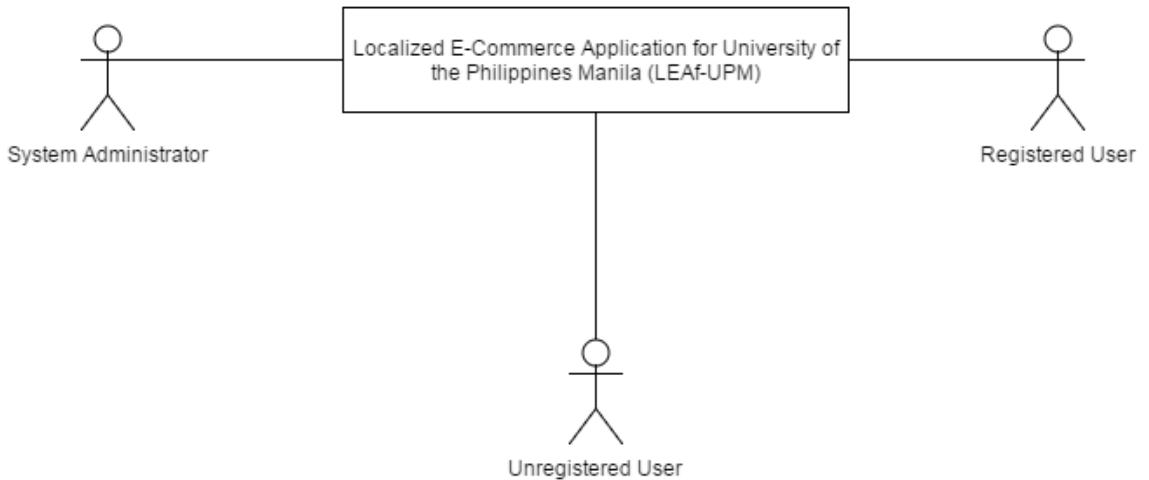


Figure 4: Context Diagram

### B. Use Cases

The system consists of three main users: the registered user, the unregistered user and the system administrator. Figure 5 shows the top-level use case diagram of LEAf-UPM.

The registered user is the most important user of the system. He/she can assume the roles of being a buyer or a seller or both. The registered user has the most number of functionalities that can be used in the system. The unregistered user is the user who just wants to browse the products available for buying within the UP Manila campus. He/she can request for a product. The System Administrator is the one responsible for managing all registered users of the system, all account requests, all product categories and all products in the system.

The registered user can be a buyer or a seller or both. Assuming the role of a buyer, he/she can buy or reserve for a product, search for a product, request for

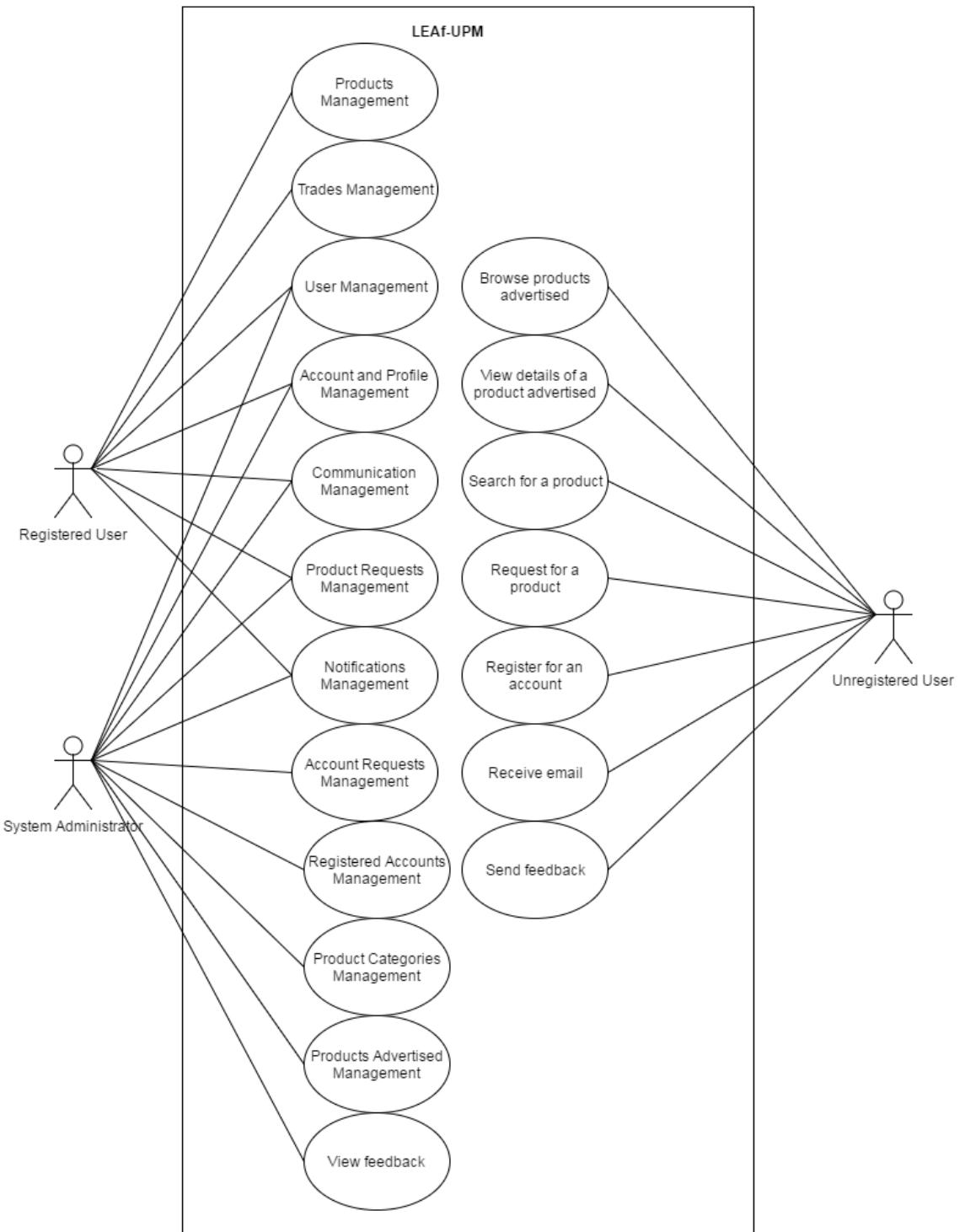


Figure 5: Top-level Use Case Diagram

a product, browse the products being advertised and view the products he/she bought. Assuming the role of a seller, he/she can advertise a product, edit the product advertised and view products sold. Figure 6 shows the use case diagram for the managing of products.

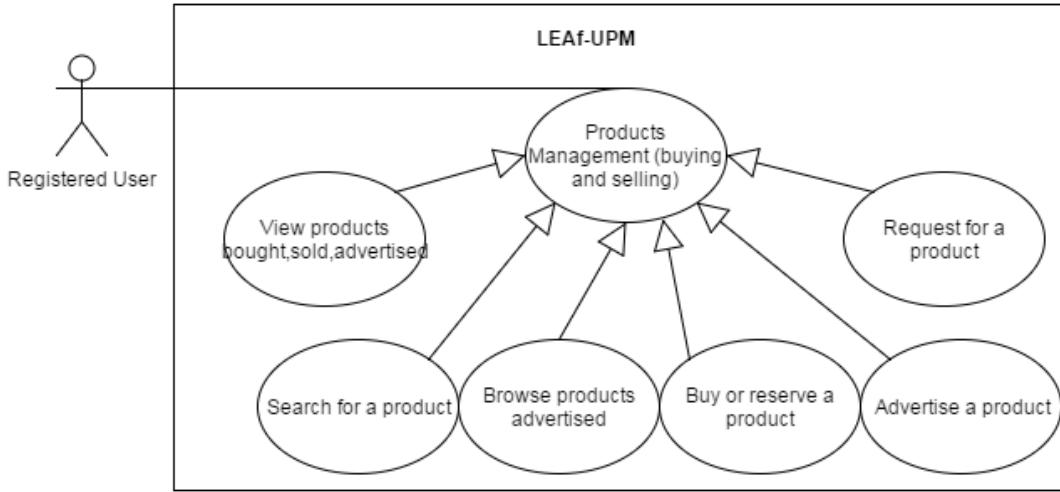


Figure 6: Products Management Use Case Diagram

If a seller decides that a product can be traded, any buyer can ask for trade requests. The seller can then decide whether to accept the trade request or not. If the trade request has been accepted, the product will be marked as sold, otherwise, it will still be available for buying by other buyers in the system. Figure 7 shows the use case diagram for managing trades.

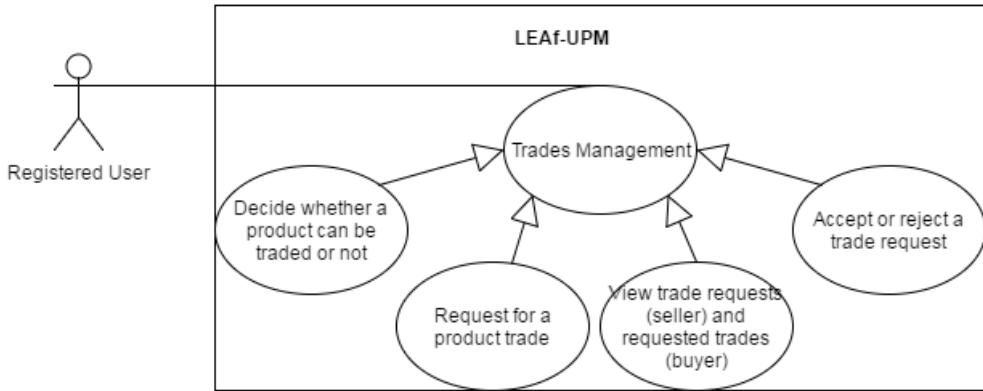


Figure 7: Trades Management Use Case Diagram

In order to make sure that the user of the system are only members of the UP Manila community, an unregistered user has to register for an account. It is the System Administrator's decision to whether accept or reject the account request. If the account request has been accepted, the user will receive an email regarding the username and password to be used in logging in the system for the first time. Figure 8 shows the use case diagram for managing account requests.

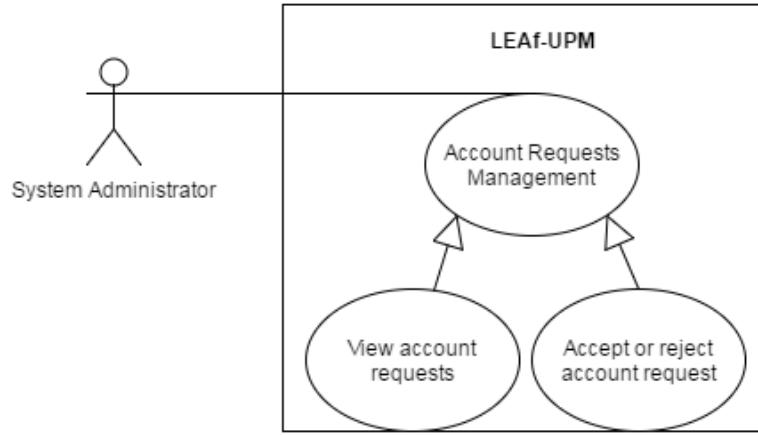


Figure 8: Account Requests Management Use Case Diagram

Only the System Administrator can manage the product categories. If a new product is to be sold and does not fall within the other product categories, the seller can just choose others. Product categories are useful for filtering the different products advertised as browsed by other users in the system. Figure 38 shows the use case diagram for managing of product categories.

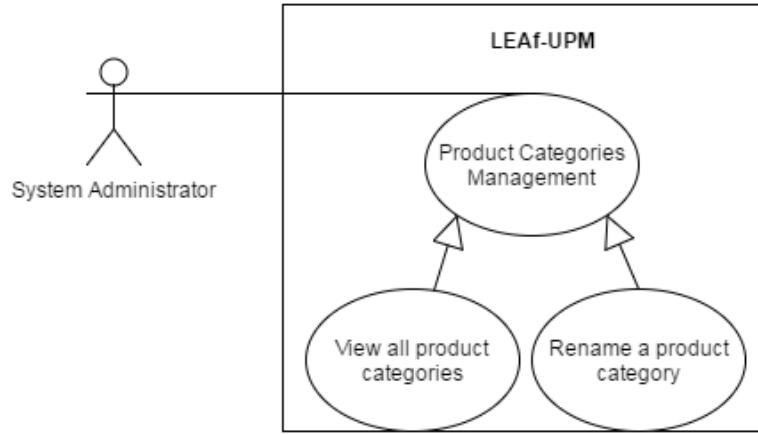


Figure 9: Product Categories Management Use Case Diagram

The System Administrator can view all products but cannot edit any product information in it. However, he can disable it. Disabling or temporarily deactivating a product will make the product hidden from the browse products module. Meaning, it cannot be advertised. This functionality is to handle cases where the product might be fake or is not suitable for selling or buying within the UP Manila campus as observed by the System Administrator. However, the System Administrator could still allow a product to be sold as justified by the seller. Figure 41

shows the use case diagram for managing products advertised.

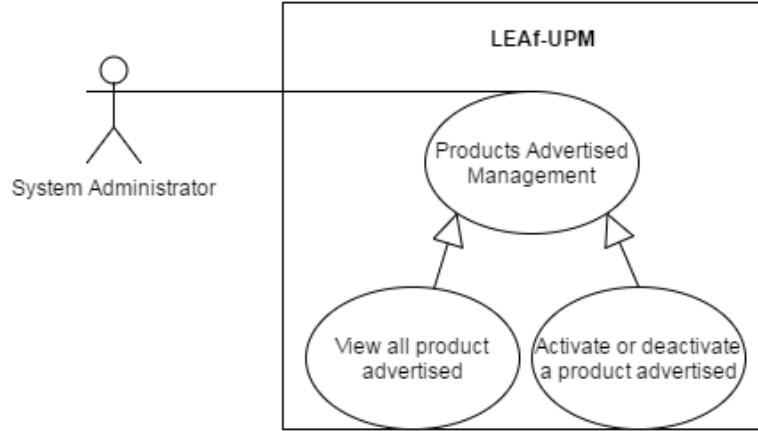


Figure 10: Products Advertised Management Use Case Diagram

The System Administrator has access to view all the registered users of the system. He/she cannot edit the information of the registered user but he/she can deactivate the account or re-activate the account. The purpose for deactivating the account is to manage cases in which the user is not a credible user. Meaning, he/she sells fake products or does not give the product/s sold to the buyer. Figure 35 shows the use case diagram for managing registered accounts.

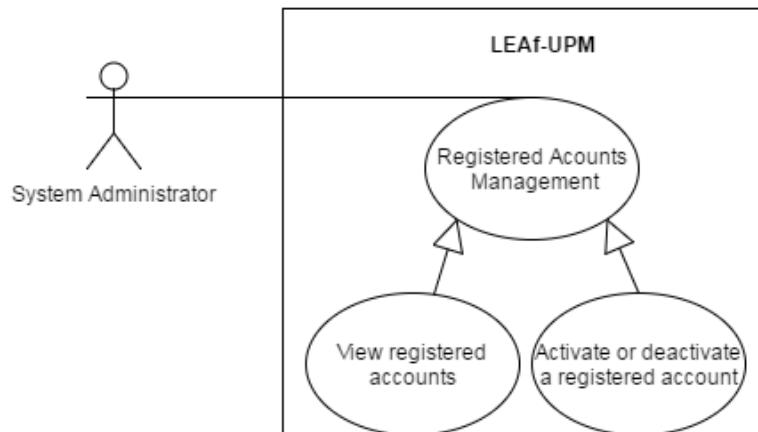


Figure 11: Registered Accounts Management Use Case Diagram

Both the Registered User and the System Administrator have access to the system. They just have to use their login credentials, their username and password, to enter the system. These two users have functionalities in common. For one, they can both view their profile and edit their profile information which includes

their login credentials. They can change their username as long as it is unique. Meaning, it has not been used by any users of the system yet. Figure

All registered users have access to the website. He/she just have to user the username and password that has been given to him/her. As a registered user, he/she can view his/her profile, edit some personal information and even change the username or the password as long as the username is unique. Figure 12 shows the use case diagram for managing account and profile information.

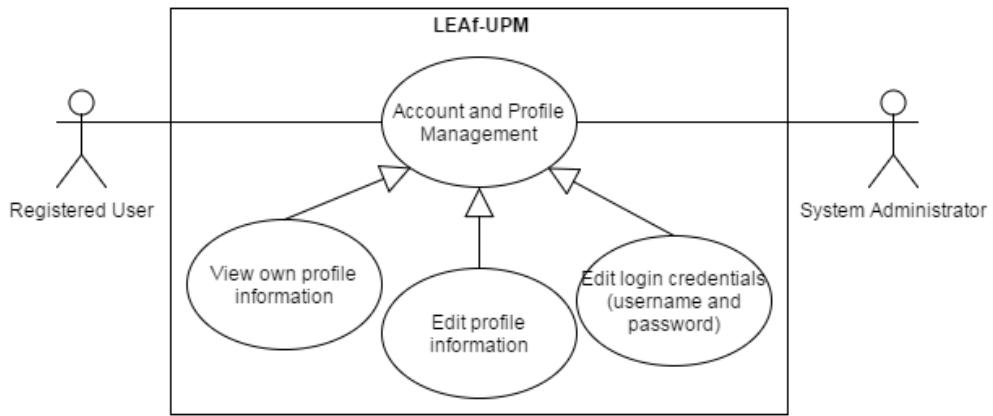


Figure 12: Account and Profile Management Use Case Diagram

The major objective of LEAf-UPM is to centralize all buyers and sellers of products into one system. One important functionality of LEAf-UPM is that it allows all registered users to communication with each other by means of a private message. Figure 13 shows the use case diagram for managing communications.

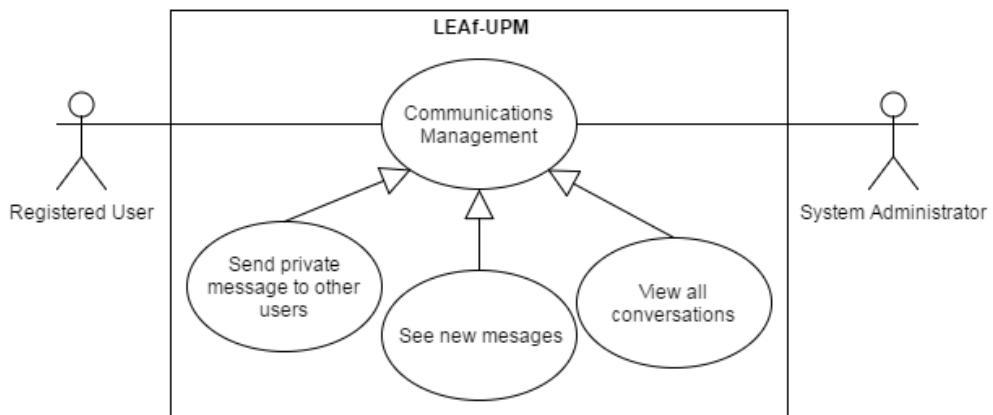


Figure 13: Communications Management Use Case Diagram

When handling products requests, both the System Administrator and the

Registered User can view all product requests. But only the System Administrator has the access to delete a product request. Deleting a product request handles cases wherein (1) the product request is impossible to be given by any of the sellers and (2) the product request has been in the system for quite a long time. The use case diagram for managing product requests shown in Figure 44.

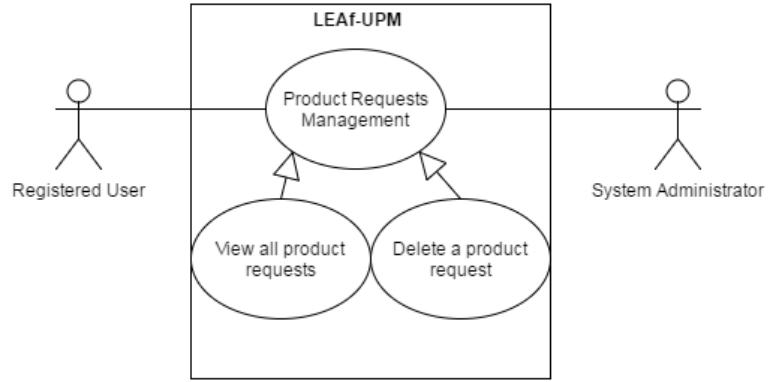


Figure 14: Product Requests Management Use Case Diagram

All product transactions, decisions and messages are sent as notifications to a user. This is important for the user to know what happens when he/she is logged out of the system. For instance, he/she will know if a buyer bought one of his/her products. Both the System Administrator and the Registered User receives and views notifications based on the type of notification. Figure 15 shows the use case diagram for managing notifications.

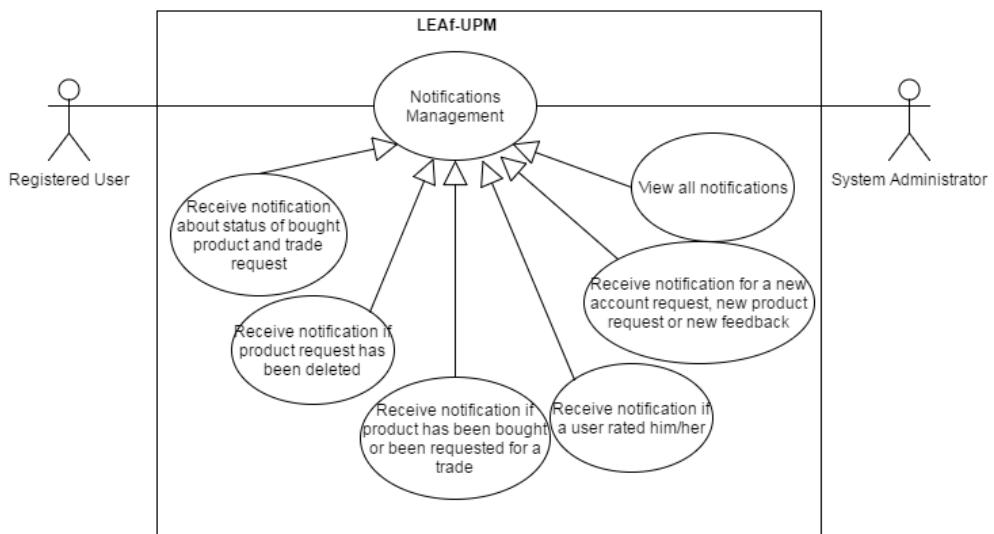


Figure 15: Notifications Management Use Case Diagram

## C. Database Design

The figure below is the entity-relationship diagram of the Localized E-Commerce Application for UP Manila (LEAf-UPM).

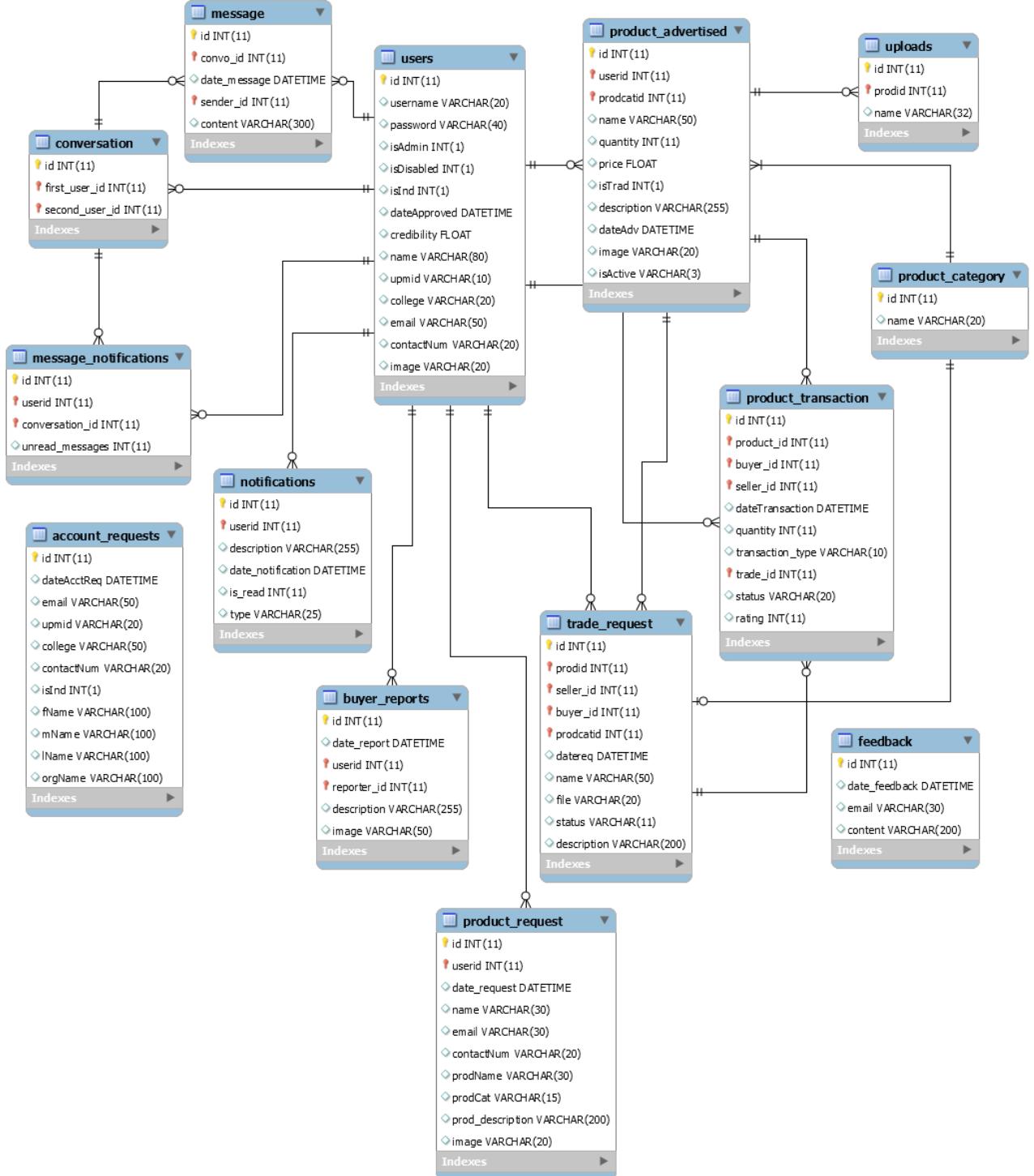


Figure 16: Entity Relationship Diagram

The following tables describe the columns of each tables in the entity-relationship diagram (ERD) of the Localized E-Commerce Application for UP Manila (LEAf-UPM)

Table 1: users table

Attribute	Data Type	Description
id	int(11)	unique id of the user
username	varchar(20)	unique username of the user
password	varchar(8)	password of the user
isAdmin	int(1)	determines if the user is an admin
isDisabled	int(1)	determines if the user account is disabled
isInd	int(1)	determines if the user is an individual
dateApproved	datetime	date and time the user account has been approved
credibility	float	credibility score of the user
name	varchar(80)	full name of the user
upmid	varchar(10)	UPM ID of the user (ie student number)
college	varchar(20)	college where the user belongs
email	varchar(50)	email address of the user
contactNum	varchar(20)	contact number of the user
image	varchar(20)	filename of the user's profile picture

Table 2: product\_advertised table

Attribute	Data Type	Description
id	int(11)	unique id of the product
userid	int(11)	id of the seller of the product
prodcatid	int(11)	id of the product category where the product belongs
name	varchar(50)	name of the product
quantity	int(11)	quantity of the product
price	float	price of the product
isTrad	int(1)	determines if the product can be traded for other products
description	varchar(255)	brief description of the product
dateAdv	datetime	date and time the product has been advertised
image	varchar(20)	filename of the image of the product
isActive	varchar(3)	determines whether a product is active or not

Table 3: product\_category table

Attribute	Data Type	Description
id	int(11)	unique id of the product category
name	varchar(20)	name of the product category

Table 4: product\_transaction table

Attribute	Data Type	Description
id	int(11)	unique id of the product transaction
product_id	int(11)	id of the product sold
buyer_id	int(11)	id of buyer of the product sold
seller_id	int(11)	id of the seller of the product sold
dateTransaction	datetime	date and time of the product transaction
quantity	int(11)	quantity of the product sold
transaction_type	varchar(10)	type of transaction; whether REGULAR or TRADE
trade_id	int(11)	id of the traded product
status	varchar(20)	current status of the transaction (PAID or UNPAID)
rating	int(11s)	score of the transaction for user's credibility

Table 5: product\_request table

Attribute	Data Type	Description
id	int(11)	unique id of the requested product
userid	int(11)	id of the seller
date_request	datetime	date and time the product has been requested
name	varchar(30)	name of the user requesting
email	varchar(30)	email of user requesting
contactNum	varchar(20)	contact number of the user requesting
prodName	varchar(30)	name of the product request
prodCat	varchar(15)	category of the product request
prod_description	varchar(200)	description of the product request
image	varchar(20)	filename of the image of the product request

Table 6: notifications table

Attribute	Data Type	Description
id	int(11)	unique id of the notification
userid	int(11)	id of the user who received the notification
description	varchar(255)	description of the notifications
date_notification	datetime	date and time of the notification
is_read	int(1)	determines if the notification has already been read
type	varchar(25)	type of the notification

Table 7: message table

Attribute	Data Type	Description
id	int(11)	unique id of the message
convo_id	int(11)	conversation of the message
date_message	datetime	date and time the message has been sent
sender_id	int(11)	id of sender of the message
content	varchar(300)	content of the message

Table 8: conversation table

Attribute	Data Type	Description
id	int(11)	unique id of the conversation
first_user_id	int(11)	unique id of the first user
second_user_id	int(11)	unique id of the second user

Table 9: uploads table

Attribute	Data Type	Description
id	int(11)	unique id of the upload
prodid	int(11)	product id of the upload
name	varchar(32)	filename of the upload

Table 10: message\_notifications table

Attribute	Data Type	Description
id	int(11)	unique id of the message notification
userid	int(11)	id of the user who received the message notification
conversation_id	int(11)	conversation id of the message notification
unread_messages	int(11)	number of unread_messages

Table 11: account\_requests table

Attribute	Data Type	Description
id	int(11)	unique id of the account request
dateAcctReq	datetime	date and time the account has been requested
email	varchar(50)	email address of the user
upmid	varchar(20)	unique id of the user at UP Manila
college	varchar(50)	college of the user who requested
contactNum	varchar(20)	contact number of the user
isInd	int(1)	determines if the user is an individual
lName	varchar(100)	last name of the user if the user is an individual
fName	varchar(100)	first name of the user if the user is an individual
mName	varchar(100)	middle name of the user if the user is an individual
orgName	varchar(100)	name of the organization if the user is an organization

Table 12: buyer\_reports table

Attribute	Data Type	Description
id	int(11)	unique id of the report
date_report	datetime	date and time of the report
userid	int(11)	id of the buyer being reported
reporter_id	int(11)	id of the reported/seller
description	varchar(255)	reason for reporting the buyer
image	varchar(50)	filename of the image as proof

## D. System Architecture

The Localized E-Commerce Application for UP Manila has been implemented in PHP using the Codeigniter framework which makes use of the Model-View-

Table 13: trade\_request table

Attribute	Data Type	Description
id	int(11)	unique id of the trade request
prodid	int(11)	id of the product for trade
seller_id	int(11)	id of the seller
buyer_id	int(11)	id of the buyer
prodcatid	int(11)	id of the product category
datereq	datetime	date and time of the trade request
name	varchar(50)	name of the trade request
file	varchar(20)	filename of the trade request
status	varchar(11)	status of the request (ACCEPTED or REJECTED)
description	varchar(200)	description of the trade request

Controller (MVC) architecture. The model is the part of the architecture that interacts with the database using MySQL. The view is where all front-end related user interfaces are stored such as HTML pages, Bootstrap, CSS, JavaScript and jQuery. The Controller part handles the routing of the web pages. It also acts as the bridge that connects the model to the view.

## E. Technical Architecture

The minimum requirements for the server machine include:

- PHP Server (Apache 2.2.22)
- MySQL 5.1.41
- 1GB or more of free space
- 2.4 MHz single core processor
- 512MB RAM

The minimum requirements for the client include:

- Consistent Internet connection
- 100 MB of free disk space
- 128 MB of RAM or higher

## V. Results

### 1. Home Page

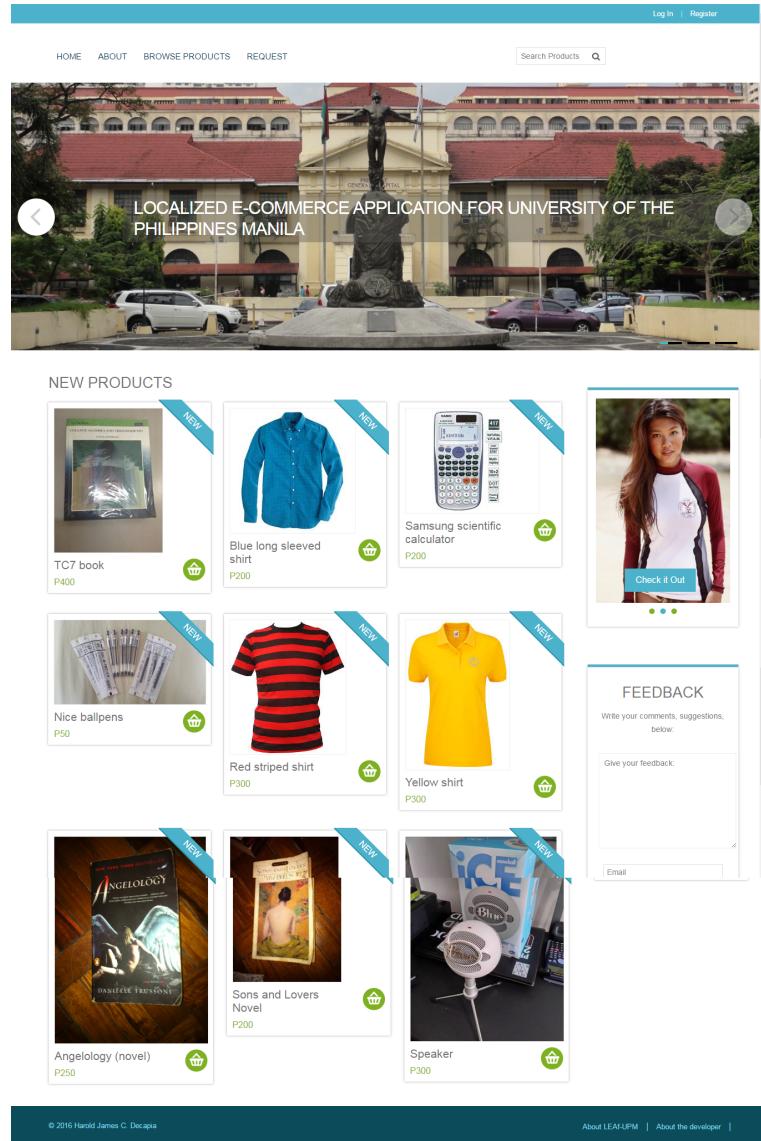


Figure 17: Home Page

Figure 17 shows the home page of the system where all the three types of users have access to. This index page also shows new products advertised by the sellers. The user can also send a feedback which will be received by the System Administrator.

## 2. About Page

The screenshot shows the 'About' page of the system. At the top, there is a navigation bar with links for 'HOME', 'ABOUT', 'BROWSE PRODUCTS', and 'REQUEST'. On the right side of the navigation bar are 'Log In' and 'Register' buttons. Below the navigation bar is a search bar labeled 'Search Products' with a magnifying glass icon. The main content area has a header 'LOCALIZED E-COMMERCE APPLICATION FOR UP MANILA'. Below the header, there is a brief description of the system, mentioning it is a web-based management system designed and implemented by Harold James C. Decapia as a Special Problem for the BS Computer Science program. It uses PHP, CodeIgniter framework, MySQL, Bootstrap, CSS, jQuery, JavaScript, and other third-party libraries and templates. The system connects to the database using MySQL and centralizes products within the UP Manila campus. At the bottom of the page, there is a footer with copyright information: '© 2016 Harold James C. Decapia' on the left and links for 'About LEAf-UPM' and 'About the developer' on the right.

Figure 18: About Page

Figure 18 shows the about page of the system. This is typically just a brief information about LEAf-UPM.

## 3. Request for a product page

The screenshot shows the 'REQUEST FOR A PRODUCT' form. At the top, there is a navigation bar with links for 'HOME', 'ABOUT', 'BROWSE PRODUCTS', and 'REQUEST'. On the right side of the navigation bar are 'Log In' and 'Register' buttons. Below the navigation bar is a search bar labeled 'Search Products' with a magnifying glass icon. The form itself has several input fields: 'Name' (Harold James Decapia), 'Email Address' (harold), and 'Contact Number' (09171234567). To the right of these inputs, there are fields for 'Product Name' (Sayaw Manila Ticket), 'Product Category' (Tickets), and 'Upload Image' (a file input field showing 'Choose File | No file chosen'). There is also a large 'Product Description' text area. At the bottom of the form is a blue 'Submit' button.

Figure 19: Request for a product Page

Figure 19 shows the request for a product page of the system. This page has some inputs from the user and upon submitting them, outputs some form errors because of form validation.

#### 4. Browse products page

The screenshot shows the 'PRODUCTS ADVERTISED' section of the website. It displays a grid of nine product cards:

- Biology Textbook by Campbell and Reece (your product)** (P450): An image of a Biology textbook.
- Iskolar ng Pilipinas Hoodie** (P250): An image of a black hoodie with 'ISKOLAR NG PILIPINAS' and 'University of the Philippines' printed on it.
- Grey Shirt** (P200): An image of a grey t-shirt with text and a small logo.
- Sayaw Manila tickets** (P300): An image of a ticket stub for 'Sayaw Manila'.
- Maroon Shirt** (P300): An image of a maroon t-shirt with 'UP+' and 'Maroons' branding.
- ICE snowball**: An image of a white USB microphone.
- Yellow shirt** (P300): An image of a yellow polo shirt.
- Red striped shirt** (P300): An image of a red and black horizontally striped t-shirt.
- Nice ballpens** (P50): An image of several ballpoint pens.

On the right side of the page, there are two sidebar sections: 'CATEGORIES' and 'DATE'. The 'CATEGORIES' section lists various product types with checkboxes. The 'DATE' section includes fields for 'From' and 'To' dates, and a calendar for May 2016.

At the bottom of the page, there is a footer bar with copyright information and links to 'About LEAF-UPM' and 'About the developer'.

Figure 20: Browse Products Page

Figure 20 shows the browse products page of the system. This is where the users can view all products advertised which are available for buying. They can search for a product or filter the products according to category and date of advertisement or both.

## 5. View product details page

The screenshot displays the product details page for 'HARRISON'S INTERNAL MEDICINE P450'. At the top, there's a navigation bar with 'Log In | Register' and links for 'HOME', 'ABOUT', 'BROWSE PRODUCTS', and 'REQUEST'. A search bar is also present. The main content area shows the book cover, the title 'HARRISON'S INTERNAL MEDICINE P450', and a note that 'Available Stock: 10' with a link to 'LOGIN TO BUY THIS PRODUCT'. Below this, it says 'Advertised since: 2016-04-26 02:04:10' and provides a description: 'Textbook for medicine 1 classes'. Seller information includes Harold James Corpuz Decapia, contact number 09121234124, and email address harolddecapia@gmail.com. To the right, there are two sidebars: 'CATEGORIES' with options like Clothes, Textbooks/Novels, Gadgets, etc., and 'DATE' with fields for 'From:' and 'To:'. Below the main product, there's a section titled '5 OTHER PRODUCTS IN THE SAME CATEGORY' with five items: 'Histo 1 Text...', 'Biology Text...', 'TC7 book', 'Math 1 Modul...', and 'Bio I Textbo...'. Each item has its price (P200, P450, P400, P150, P250) and a 'Browse' button.

Figure 21: View Product Details Page

As shown in Figure 21, the unregistered user will not be able to buy the product advertised. He/she will be asked to login first before being able to buy it. However, he/she can view the product details as well as the details of its seller. The user can also view other products in the same category of the current product being viewed.

## 6. Register Page

The screenshot shows the 'REGISTER FOR AN ACCOUNT' form. There are several validation errors:

- An error message 'The Contact Number field must contain an integer.' is displayed above the contact number input field.
- The 'Email Address:' field contains 'harolddecapia@yahoo.com'.
- The 'UPM ID:' field contains '2012-30427'.
- The 'College:' dropdown menu is set to 'College of Arts and Sciences'.
- The 'Contact Number:' field contains 'qwerty'.
- A note below the contact number field states: 'By clicking 'Register' you agree to the [Terms & Conditions](#)'.
- Below the contact number field is a radio button group for 'Is Individual?':  Yes  No.
- A 'Register' button is located on the right side of the form.

Figure 22: Register Page

Figure 22 shows the register page of the system with some form validation errors. Upon successfully submission of the inputted information, the Admin will receive these information and will decide whether to accept the account request or not.

## 7. Login Page

The screenshot shows the login interface with two main sections:

- NEW USERS:** A section for new users with the text: "In order to buy and/or sell products, you need to log on the system. If you do not have an account yet, you may register by clicking the button below." It includes a 'Register' button.
- REGISTERED USERS:** A section for existing users with 'Username' and 'Password' input fields, and a 'Login' button.

Figure 23: Login Page

For registered users, they can login on the system using their username and password. The login page is shown in Figure 23.

Just like the other pages, form validations also apply. To be able to login, the user must input both username and password and must match with that in the database. Figure 24 shows error message regarding user login.

The screenshot shows a web page titled "REGISTERED USERS". Below the title, a red error message reads "Invalid username/password combination!". There are two input fields: one for "Username" and one for "Password", both represented by empty rectangular boxes.

Figure 24: Login Page Error: Invalid Username and Password Combination

The user will also not be allowed to enter the system if his/her account has been deactivated by the System Administrator. He/she has to contact the Admin thru email to be able to login on again. Figure 25 shows the error message being output when a deactivated account has been tried to login.

The screenshot shows a web page titled "REGISTERED USERS". Below the title, a red error message reads "Your account is currently disabled. Please contact the System Administrator.". There are two input fields: one for "Username" and one for "Password", both represented by empty rectangular boxes.

Figure 25: Login Page Error: Deactivated Account

## 8. System Administrator Profile Page

Profile	
Click here to edit information.	
Username:	admin
Is Individual?	No
UPM ID:	Admin
College:	cas
Email Address:	sysad ecommerce upm@gmail.com
Contact Number:	09121231212
Member since:	2016-04-24 00:00:00

Figure 26: System Administrator Profile Page

Figure 26 shows the profile page of the System Administrator. The profile page is the landing page of all users who login on the system. The admin's major functionalities are done here. New messages and notifications are also seen as shown in Figures 27 and 28. The System Administrator will receive

**Angelica Khryss Yvonne Ciriaco**  
Ladisla 2016-05-17 18:14:47  
can I now advertise my product?

**Renzo Gabriel Cruz Bongocan**  
can i delete a 2016-05-17 18:15:46  
product advertis...

[View All Conversations >](#)

Figure 27: Admin:New messages

\$ New account request from harolddecapia@gmail.com  
2016-05-17 17:42:09

\$ New product request Biology I Textbook by Kit Sabiniano  
2016-05-17 17:43:02

\$ New buyer report from Harold James Corpuz Decapia  
2016-05-17 17:43:48

\$ Feedback from adriel@yahoo.com  
2016-05-17 17:44:07

[See All Notifications >](#)

Figure 28: Admin:New notifications

three types of notifications; (1) new account request notification, (2) new product request notification, (3) new buyer report notification and (4) new

feedback notification.

Figure 29 shows the page for viewing all conversations the System Administrator has had with other users.

All Conversations		
Show <input type="text" value="10"/> entries		Search: <input type="text"/>
Conversation with	Unread messages	
Angelica Khyrss Yvanne Ciriaco Ladisla	0	
Harold James Corpuz Decapia	0	
Renzo Gabriel Cruz Bongocan	0	

Showing 1 to 3 of 3 entries

Previous  Next

Figure 29: View all conversations

Figure 30 shows the page for viewing all notifications of the System Administrator.

All Notifications		
Show <input type="text" value="10"/> entries		Search: <input type="text"/>
Notification	Date	
Feedback from harolddecapia@gmail.com	2016-04-27 07:07:54	
Feedback from harolddecapia@yahoo.com	2016-04-27 07:07:36	
Feedback from harolddecapia@yahoo.com	2016-04-30 05:34:10	
Feedback from harry@yahoo.com	2016-04-29 11:36:36	
Feedback from jesh@yahoo.com	2016-05-02 05:06:29	
New account request from harolddecapia@gmail.com	2016-04-25 08:00:10	
New account request from harolddecapia@gmail.com	2016-04-25 08:01:47	
New account request from harolddecapia@gmail.com	2016-04-25 08:02:25	
New account request from harolddecapia@gmail.com	2016-04-25 08:02:58	
New account request from harolddecapia@gmail.com	2016-04-25 08:03:27	

Showing 1 to 10 of 23 entries

Previous    Next

Figure 30: View all notifications

## 9. Communications Page

All users of the system can send private messages to each other. Content of the messages could be questions, comments or suggestions about product advertised or transactions. This is also a good way to do deals especially about product trades. Figure 31 shows the conversation between the System Administrator as the sender and one of the registered users of the system as the receiver. This conversation is private. Meaning, only the two of them can see the conversation.

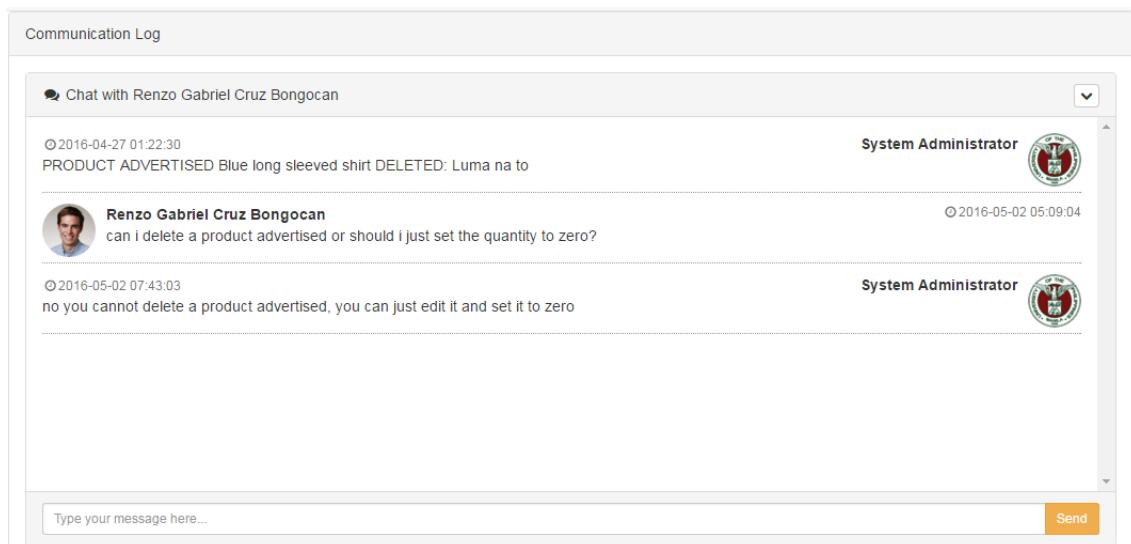


Figure 31: Send private message

## 10. Account Requests Page

Figure 32 shows all current account requests. A flashdata has been outputted since an account request has recently been approved. The Admin can approve or reject more than one account requests.

Account Requests					
Account request has been approved.					
Show 10 entries		Search:			
Select	Date/Time Requested	Name	UPM ID	College	Email Address
<input type="checkbox"/>	2016-04-25 08:01:16	Nathan Galang Dela Rosa	2012-12345	cp	harolddecapia@yahoo.com
<input type="checkbox"/>	2016-04-25 08:03:27	Kirt Joahn Cruz Sabiniano	2012-39867	cph	harolddecapia@gmail.com
<input type="checkbox"/>	2016-05-02 05:05:26	Jesh Cedillo Orquina	201212345	cd	harolddecapia@gmail.com
Showing 1 to 3 of 3 entries			Previous	1	Next
<button>Approve</button> <button>Reject</button>					

Figure 32: Approved account request

Figures 33 and 34 shows confirmation modals before approving or rejecting account request/s.

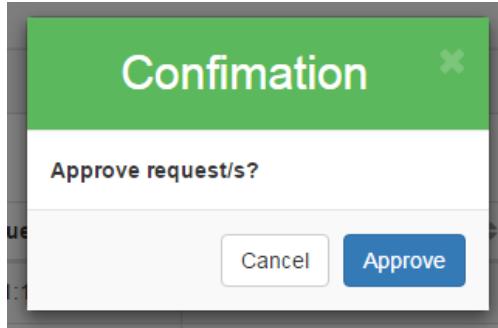


Figure 33: Confirmation: Approve account request/s

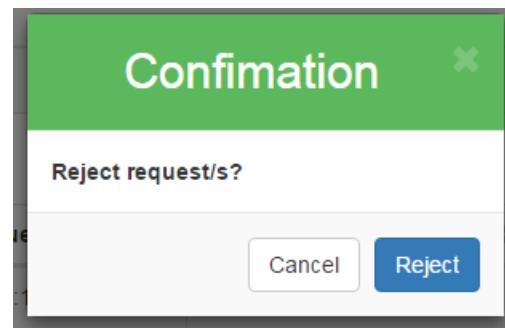


Figure 34: Confirmation: Reject account request/s

## 11. Registered Accounts Page

The System Administrator has the capability to either activate or deactivate a registered user's account as shown in Figure 35.

Registered Accounts						
Nothing has been selected.						
Show	10	▼	entries	Search: <input type="text"/>		
Manage	Username	Date/Time Approved	Name	UPM ID	College	
<input type="checkbox"/> Activate	harold	2016-04-25 08:05:25	Harold James Corpuz Decapia	2012-30427	cas	
<input type="checkbox"/> Deactivate	shoot	2016-04-25 08:05:25	Shoot UP Manila	2012-43242	cas	
<input type="checkbox"/> Deactivate	indayog	2016-04-25 08:05:25	UP Manila Indayog	2012-34245	cas	
<input type="checkbox"/> Deactivate	aky	2016-04-25 08:54:36	Angelica Khryss Yvonne Ciriaco Ladisla	2012-69036	camp	
<input type="checkbox"/> Deactivate	renzo	2016-04-25 09:04:07	Renzo Gabriel Cruz Bongocan	2012-30427	cd	
<input type="checkbox"/> Deactivate	LaEni	2016-05-01 12:36:51	Jesh Cedillo Orquina	2012-30393	cm	
<input type="checkbox"/> Deactivate	vEeSF	2016-05-01 12:36:51	Marquee Mae Cruz Enriquez	2012-1234	cn	
<input type="checkbox"/> Deactivate	Ovyp7	2016-05-02 06:14:12	UP SoComSci	2012-32344	cm	

Figure 35: Manage Registered Accounts

Figure 35 shows a form error for nothing has been selected by the user upon submitting. Figure 36 shows flashdata outputs when activating or deactivating registered account/s. A modal as a confirmation dialog is shown in Figure 37.

Registered Accounts	
2 accounts have been activated.	
Account has been deactivated.	

Figure 36: Flashdata outputs for managing registered accounts

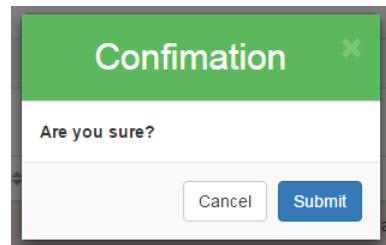


Figure 37: Confirmation modal for activating or deactivating a user account

## 12. Product Categories Management Page

Figure 38 shows the different product categories of the products in the system. The Admin can choose from these categories and rename it as shown in Figure 39.

Product Categories	
Product Category has been renamed successfully!	
Show	10
Select	Name
●	Clothes
●	Textbooks/Novels
●	Gadgets
●	Food and beverages
●	Tickets
●	School Supplies
●	Others

Figure 38: Product Categories Page

Rename product category

Product Category Name:	Clothes
<input type="button" value="Submit"/>	

Figure 39: Rename product category

If a lot of products are under the "Others" product category, the Admin can add another product category as shown in Figure 40.

Add product category

Product Category Name:

Add

Figure 40: Add product category

### 13. Products Advertised Management Page

Figure 41 shows all product advertisements from different sellers. The Admin can either re-activate or deactivate a product currently being advertised. A flashdata has been outputted since a product has been deactivated recently.

All Products Advertised

Product has been deactivated and is stopped from being advertised. The seller has been informed of this action.

Show 10 entries Search:

Manage	Product Name	Seller	Date/Time Advertised	Quantity	Price	Is Active
<a href="#">Edit</a>	Histo 1 Textbook	Harold James Corpuz Decapia	2016-04-25 08:40:44	2	200	NO
<a href="#">Edit</a>	Biology Textbook by Campbell and Reece	Harold James Corpuz Decapia	2016-04-25 08:43:08	3	450	YES
<a href="#">Edit</a>	Iskolar ng Pilipinas Hoodie	Shoot UP Manila	2016-04-25 08:46:32	20	250	YES
<a href="#">Edit</a>	Grey Shirt	Shoot UP Manila	2016-04-25 08:51:56	10	200	YES
<a href="#">Edit</a>	Sayaw Manila tickets	UP Manila Indayog	2016-04-25 08:53:13	119	300	YES
<a href="#">Edit</a>	Maroon Shirt	UP Manila Indayog	2016-04-25 08:54:05	20	300	YES
<a href="#">Edit</a>	Speaker	Angelica Khyss Yvanne Ciriaco Ladisla	2016-04-25 08:58:10	5	300	YES
<a href="#">Edit</a>	Yellow shirt	Angelica Khyss Yvanne Ciriaco Ladisla	2016-04-25 09:02:01	3	300	YES
<a href="#">Edit</a>	Red striped shirt	Shoot UP Manila	2016-04-25 09:02:56	9	300	YES
<a href="#">Edit</a>	Nice ballpens	Renzo Gabriel Cruz Bongocan	2016-04-25 09:07:40	9	50	YES

Showing 1 to 10 of 17 entries

Previous [1](#) [2](#) Next

[Activate product advertisement](#) [Deactivate product advertisement](#)

Figure 41: Products Advertised Management Page

The System Administrator has the capability to stop (can be temporarily

or permanently) a product from being advertised by deactivating it. When the Admin deactivates a product, the Admin will be prompted to enter the reason for deactivating it. This reason will be sent as a private message to the seller of the product. The modal for getting this reason is shown in Figure 42.

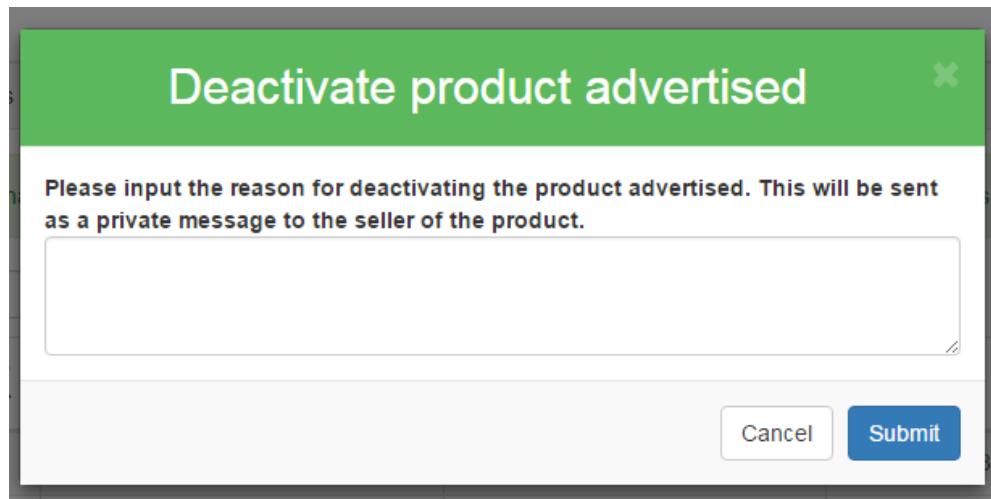


Figure 42: Modal when deactivating a product advertised

On the other hand, if the System Administrator re-activates a deactivated product, only a confirmation modal will appear. When a product has been reactivated, it will be allowed to be advertised (again) in the system. Figure 43 shows this confirmation modal.

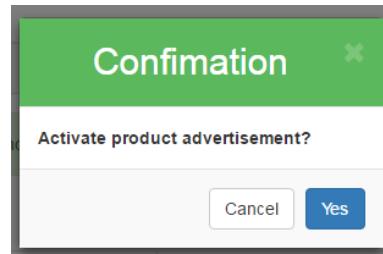


Figure 43: Confirmation modal: Activating a product

#### 14. Product Requests Management Page

All registered users can view the different products advertised but only the System Administrator has the capability to delete it as seen in Figure 44. If a product request by an unregistered user has been deleted, an email will be sent to him/her. But if a product request by a registered user has been deleted, a private message will be sent to him/her.

Product Requests Grid View					
Product request has been deleted. The user has been notified of this action.					
Show	10	entries	Search:		
Delete	Product Name	Date Requested	Requested by	Email Address	Description
<input checked="" type="radio"/>	UAAP Cheerdance Ticket	2016-04-27 01:10:41	Adriel Arevalo	harolddecapia@yahoo.com	ticket sa uaap cheerdance
<input checked="" type="radio"/>	Dramatista Ticket	2016-05-02 07:29:17	Harold James Corpuz Decapia	harolddecapia@gmail.com	Ticket for the upcoming performance of UP Manila Dramatista

Showing 1 to 2 of 2 entries

Previous 1 Next

[Delete Request](#)

Figure 44: Product Requests Management

The confirmation modal when deleting a product request is shown in Figure 45.

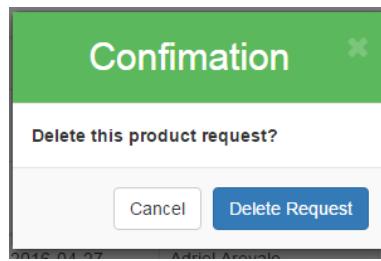


Figure 45: Confirmation Modal: Deleting a product request

#### 15. View Feedbacks Page

The System Administrator can view all feedbacks submitted through the home page by Unregistered Users. These feedbacks could be questions, comments or suggestions about the system or about the management of

the system. This is helpful to know opinions of users who do not use the system. The gateway for communication between the System Administrator and the Unregistered User is via Email. Figure 46 shows the view feedbacks page of the system.

Feedbacks		
Show 10 entries	Search:	
Date/Time	Email Address	Content
2016-04-27 06:54:10	harolddecapia@yahoo.com	very nice system
2016-04-27 06:54:37	harolddecapia@gmail.com	nice user interface
2016-04-27 07:07:36	harolddecapia@yahoo.com	very helpful hehe :))
2016-04-27 07:07:54	harolddecapia@gmail.com	nice! good job
2016-04-29 11:36:36	harry@yahoo.com	this is a good system
2016-04-30 05:34:10	harolddecapia@yahoo.com	okay
2016-05-02 05:06:29	jesh@yahoo.com	a very good system

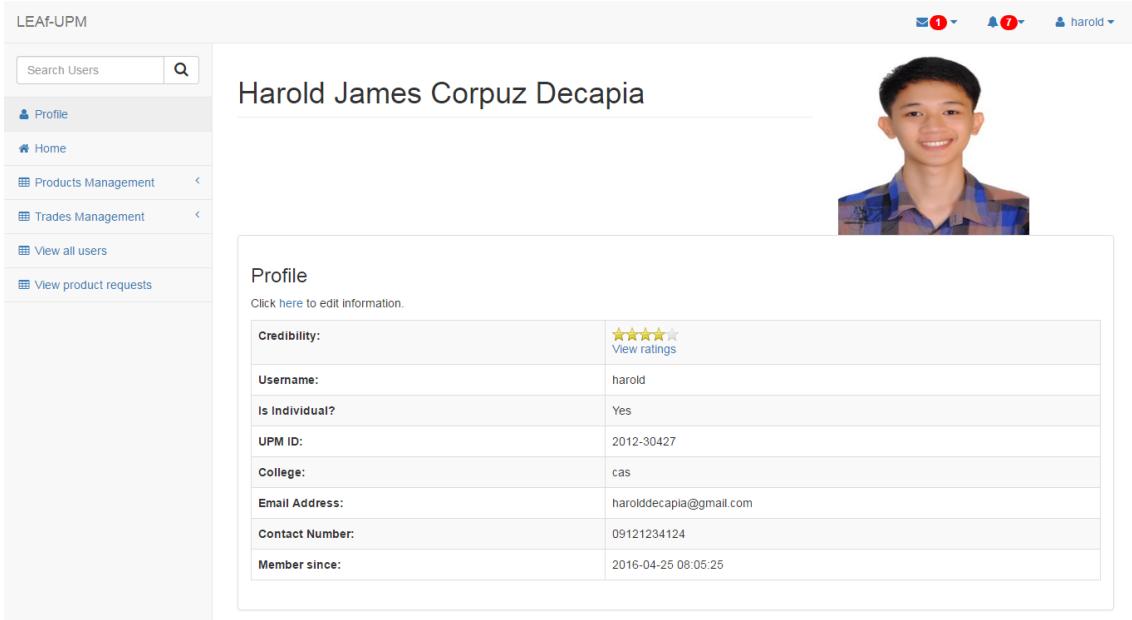
Showing 1 to 7 of 7 entries

Previous 1 Next

Figure 46: View feedbacks

## 16. Registered User Profile

Figure 47 shows the profile page of a registered user which can assume the roles of being a buyer, a seller or both.



The screenshot shows the LEAF-UPM application interface. On the left, there is a sidebar with navigation links: 'Search Users' (with a search icon), 'Profile' (selected), 'Home', 'Products Management', 'Trades Management', 'View all users', and 'View product requests'. At the top right, there are notifications for 1 message and 7 notifications, and a dropdown for the user 'harold'. The main content area displays the profile of 'Harold James Corpuz Decapia'. It features a large photo of a young man with short hair, smiling. Below the photo, the name 'Harold James Corpuz Decapia' is displayed. A 'Profile' section contains a link to edit information and a credibility rating of 5 stars. The profile details include:

Credibility:	
Username:	harold
Is Individual?	Yes
UPM ID:	2012-30427
College:	cas
Email Address:	harolddecapia@gmail.com
Contact Number:	09121234124
Member since:	2016-04-25 08:05:25

Figure 47: Registered User Profile

The registered user can receive seven different types of notifications. As a buyer, he/she will receive notifications for (1) status of bought product (PAID or CANCELLED), (2) status of trade request (APPROVED or REJECTED) and for a (3) deleted product request. As a seller, he/she will receive notifications if (1) a buyer bought a product, (2) a buyer requested for a trade, (3) a buyer rated him/her and (4) a product has been activated or deactivated by the System Administrator. Figure 48 shows the different notifications that can be received by a Registered User.

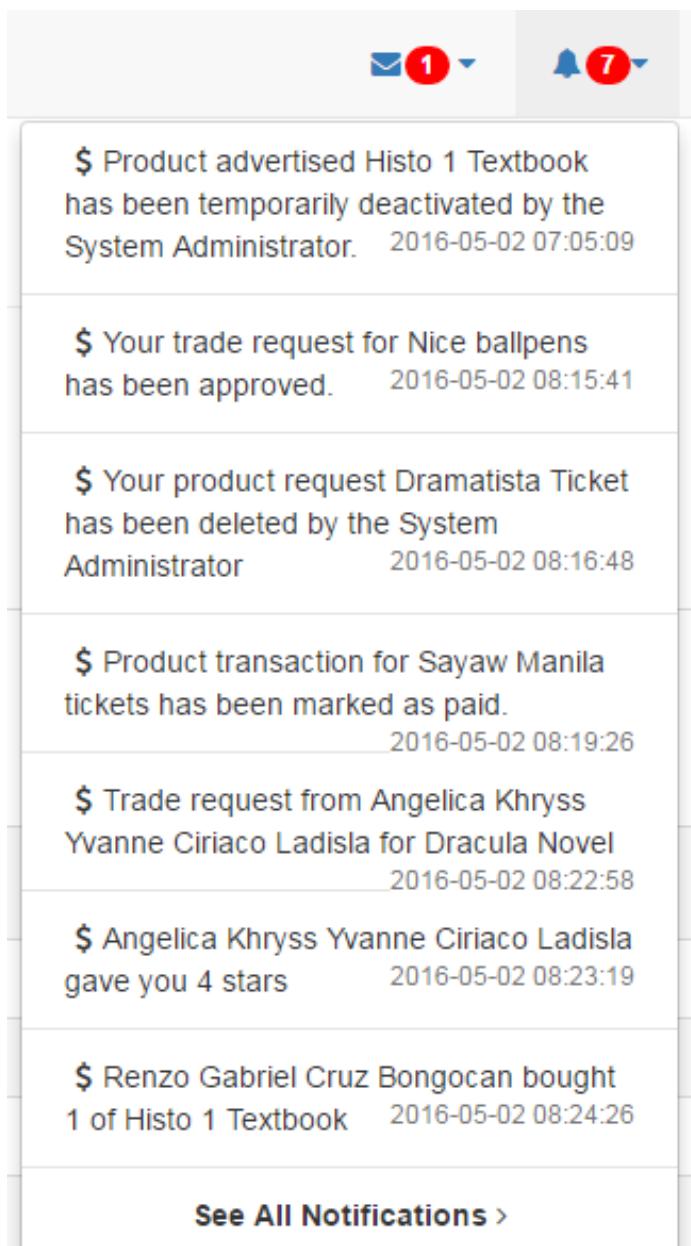


Figure 48: Registered User Notifications

## 17. View Ratings Page

Figure 49 shows the view ratings page of the system. This is where the Registered User can know who rated him/her and his/her rating to the Registered User.

Ratings by User	
Show 10 entries	
User	Rating
Angelica Khyss Yvanne Ciriaco Ladisla	4
Renzo Gabriel Cruz Bongocan	5

Showing 1 to 2 of 2 entries

Previous 1 Next

Figure 49: View ratings

## 18. Edit Profile Page

Figure 50 shows the edit profile page of a Registered User. All information can be edited/updated including profile picture, username, password, etc. Form validations apply. For Figure 50, an error message has been outputted due to password form error during validation.

## Harold James Corpuz Decapia

Edit Profile

The Re-entered Password field does not match the New Password field.

Name:	Harold James Corpuz Decapia
Username:	harold
Password:	<input checked="" type="checkbox"/> Click to change Old Password New Password Re-enter New Password
UPM ID:	2012-30427
College:	College of Arts and Sciences ▾
Email Address:	harolddecapia@gmail.com
Contact Number:	09121234124
Upload new profile picture	<input type="button" value="Choose File"/> No file chosen

Figure 50: Edit Profile Page

### 19. Products Bought Page

Figures 51 and 52 shows the products bought by the Registered User in Grid View and List View respectively. These products are those products bought by the Registered User regardless of the status. If the status has been changed by the seller of the product to 'CANCELLED', the product will be deleted from this page.

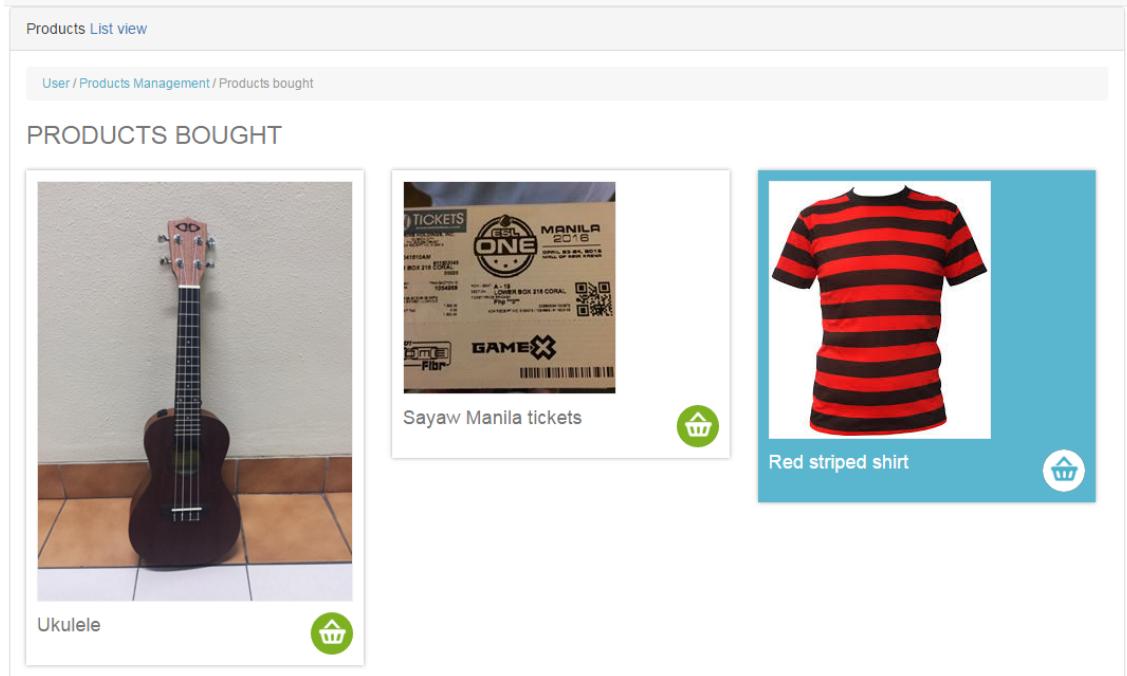


Figure 51: Products Bought-Grid View

Products Bought Grid view							
Show 10 entries		Search: <input type="text"/>					
Name	Date/Time Bought	Category	Price (each)	Quantity	Seller	Status	
Nice ballpens	2016-05-02 08:15:41	School Supplies	50	1	Renzo Gabriel Cruz Bongocan	UNPAID	
Red striped shirt	2016-05-01 13:09:02	Clothes	300	1	Shoot UP Manila	PAID	
Sayaw Manila tickets	2016-04-29 11:56:03	Tickets	300	1	UP Manila Indayog	PAID	
Ukulele	2016-04-27 01:25:52	Others	200	1	Angelica Khyrss Yvonne Ciriaco Ladisla	PAID	

Showing 1 to 4 of 4 entries Previous **1** Next

Figure 52: Products Bought-List View

## 20. Products Sold Page

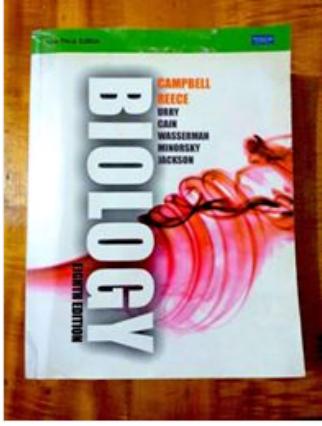
Figure 53 shows all sold products of the Registered User assuming the role of a seller. The Registered User can manage these sold products in list view as shown in Figure 54. That is, he/she can either mark the sold product as PAID or CANCEL the product transaction. If the product transaction has been cancelled, the product sold will be deleted from this page and will either go back to the Browse Products Module or its quantity will increment

depending on the quantity bought by the buyer.

Products List view

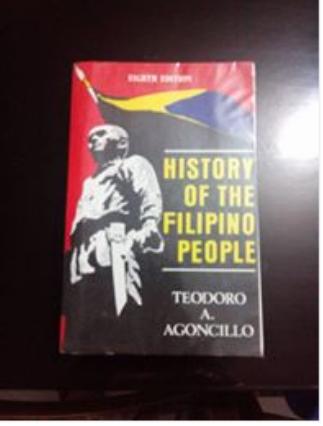
User / Products Management / Products sold

## PRODUCTS SOLD



Biology Textbook by  
Campbell and Reece

P450



Histo 1 Textbook

P200

Figure 53: Products Sold-Grid View

Products Sold Grid view

Show 10 entries Search:

Select	Name	Date/Time Sold	Category	Transaction Type/Price(each)	Quantity	Buyer	Status
<input checked="" type="radio"/>	Biology Textbook by Campbell and Reece	2016-04-25 09:16:27	Textbooks/Novels	REGULAR/450	1	Angelica Khryst Yvonne Ciria Ladisla	PAID
<input checked="" type="radio"/>	Histo 1 Textbook	2016-05-02 08:24:26	Textbooks/Novels	REGULAR/200	1	Renzo Gabriel Cruz Bongocan	UNPAID

Showing 1 to 2 of 2 entries

Previous 1 Next

Mark as paid Cancel transaction

Figure 54: Products Sold-List View

The confirmation modals before marking a product as paid or cancelling a transaction are shown in Figures 55 and 56.

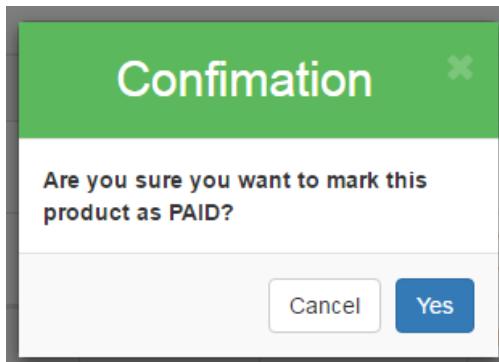


Figure 55: Confirmation: Mark product as PAID

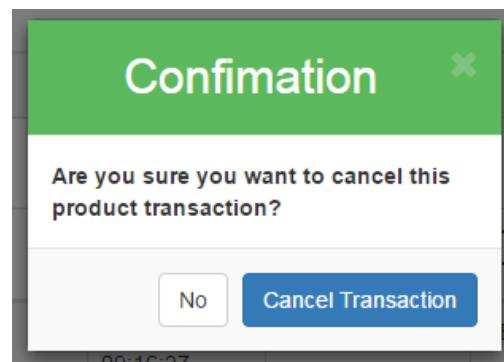


Figure 56: Confirmation: Cancel product transaction

## 21. Products Advertised Page

Figures 57 and 58 show the different products advertised by the Registered User in Grid View and in List View respectively. All these products advertised can be edited by the Registered User. These products cannot be deleted. However, their quantities can be set to zero if the product is not available for buying anymore.

The screenshot shows a "Products List view" interface. At the top, there's a breadcrumb navigation: "User / Products Management / Products advertised". Below it, the heading "PRODUCTS ADVERTISED" is centered. The main area displays six product items in a grid:

- Histo 1 Textbook** (P200): An image of a book cover, a green trash bin icon, and a price of P200.
- Biology Textbook by Campbell and Reece** (P450): An image of a book cover, a green trash bin icon, and a price of P450.
- Harrison's Internal Medicine** (P450): An image of several stacked books, a green trash bin icon, and a price of P450.
- Math 1 Module** (P150): An image of a green book cover, a green trash bin icon, and a price of P150.
- Dracula Novel** (P200): An image of a red book cover, a green trash bin icon, and a price of P200.
- Blue shirt**: An image of a blue t-shirt, a green trash bin icon, and a price of P200.

At the bottom of the grid, there are page navigation buttons: "1" (highlighted), "2", and "»".

Figure 57: Products Advertised-Grid View

Products Advertised Grid view						
Show 10 entries		Search:				
Name	Date/Time Advertised	Category	Price	Is Tradeable	Is Active	
Biology Textbook by Campbell and Reece	2016-04-25 08:43:08	Textbooks/Novels	P450	No	YES	
Blue Long-sleeved shirt	2016-05-02 08:51:38	Clothes	P200	No	YES	
Blue shirt	2016-05-02 08:50:55	Clothes	P200	No	YES	
Dracula Novel	2016-05-02 08:21:19	Textbooks/Novels	P200	Yes	YES	
Harrison's Internal Medicine	2016-04-26 02:04:10	Textbooks/Novels	P450	No	YES	
Histo 1 Textbook	2016-04-25 08:40:44	Textbooks/Novels	P200	No	NO	
Math 1 Module	2016-05-02 04:10:26	Textbooks/Novels	P150	No	YES	

Showing 1 to 7 of 7 entries

Previous **1** Next

Figure 58: Products Advertised-List View

## 22. View Product Transaction Page

The receipt-like form of the buying and selling of a product is shown in the product transaction page. An example is shown in Figure 59. Details such as the type of transaction, the date of the transaction, the status, etc. are shown in this page.

View product

User / Products Management / View product

UKULELE

Transaction Type:REGULAR/P200

Quantity:1

Date of Transaction:2016-04-27 01:25:52

Status:PAID

Buyer: Harold James Corpuz Decapia

Seller: Angelica Khyrss Yvonne Ciriaco Ladisla

Second hand but working ukulele

Figure 59: View Product Transaction

### 23. Advertise Product Page

One of the important functionalities of LEAf-UPM is to allow the Registered User to advertise a product. Figure 60 shows the page where the Registered User can do this. Form validations apply for everything is required except the 'Other Images' field.

#### Advertise a product

##### REMINDERS WHEN ADVERTISING:

1. The Product Name field is final and cannot be edited.
2. Should you need to upload more than one image of your product, you may do so using the Other Images field.
3. Please make sure that the product is legitimate and not fake. Penalties will be given by the System Administrator if a product has been seen as illegitimate or fake.

##### Fields marked \* are required

<b>Product Name:</b> *	<input type="text"/>
<b>Price:</b> *	<input type="text"/>
<b>Quantity:</b> *	<input type="text"/>
<b>Product Category:</b> *	<input type="button" value="Select Category"/> <span style="float: right;">▼</span>
<b>Is Tradeable?</b> *	<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>Description:</b> *	<input type="text"/>
<b>Product Image:</b> *	<input type="button" value="Choose File"/> No file chosen
<b>Other Images:</b>	<input type="button" value="Choose Files"/> No file chosen
<input type="button" value="Advertise product"/>	

Figure 60: Advertise Product

## 24. Edit Product Advertised Page

Figure 61 shows the edit product advertised page of the system. Everything can be edited/updated.

Edit product advertised

Products Management / View product / Edit product advertised

Product Name:	Blue Long-sleeved shirt
Price:	200
Quantity:	3
Product Category:	Clothes
Is Tradeable?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Description	Second hand blue long-sleeved shirt from Penshoppe
Product Image	<input type="button" value="Choose File"/> No file chosen
Other images	<input type="button" value="Choose Files"/> No file chosen

Figure 61: Edit Product Advertised

After successfully editing, the user will be redirected to the view product advertised page. Figure 62 shows a success message after editing the product advertised.

View product

Successfully edited product advertised!

User / Products Management / View product

Click [here](#) to edit



BLUE LONG-SLEEVED SHIRT  
P200  
Quantity:3  
Date Advertised:2016-05-02 08:51:38  
Is Tradeable? No  
Second hand blue long-sleeved shirt from Penshoppe

Figure 62: View Product Advertised

## 25. Trade Requests Page

Figure 63 shows the trade requests sent by the Registered User for different products.

Trade Requests as Buyer					
Show 10 entries		Search:			
Product Name	Product Trade Name	Seller		Date/Time Requested	Status
Nice ballpens	ballpen din	Renzo Gabriel Cruz Bongocan		2016-05-02 08:15:21	APPROVED
Speaker	speaker din	Angelica Khyss Yvonne Ciriaco Ladisla		2016-04-29 12:00:21	DISAPPROVED

Showing 1 to 2 of 2 entries

Previous 1 Next

Figure 63: View trade requests (buyer)

Figure 64 shows the trade requests for the user from other Registered Users. The Registered User can decide whether to approve or disapprove the trade request.

Trade Requests as Seller					
Show 10 entries		Search:			
Select	Product Name	Product Trade Name	Buyer	Date/Time Requested	Status
<input type="radio"/>	Dracula Novel	The Dracula Dossier	Angelica Khyss Yvonne Ciriaco Ladisla	2016-05-02 08:22:58	PENDING
<input type="radio"/>	Blue shirt	Gray shirt	Renzo Gabriel Cruz Bongocan	2016-05-02 09:48:25	APPROVED
<input type="radio"/>	Blue Long-sleeved shirt	Yellow jacket	Renzo Gabriel Cruz Bongocan	2016-05-02 09:49:09	PENDING

Showing 1 to 3 of 3 entries

Previous 1 Next

Approve trade request Disapprove trade request

Figure 64: View trade requests (seller)

If a trade request has been disapproved, the Registered User will be prompted to enter a reason for disapproving the request. This will be sent as a private message to the User who requested for the trade. Figure 65 shows the modal which gets input from the Registered User as the reason for disapproving the request.

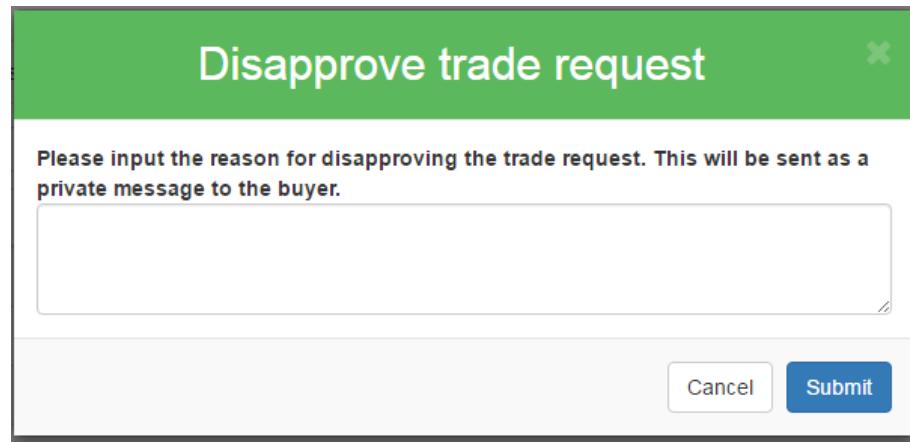


Figure 65: Modal when disapproving a trade request

On the other hand, if a trade request has been approved, a simple confirmation modal will appear as shown in Figure 66.

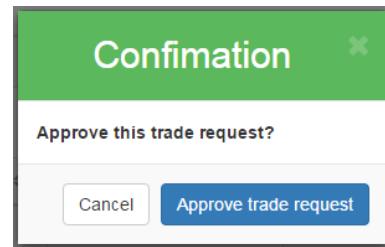


Figure 66: Confirmation: Approve trade request

## 26. View All Users Page

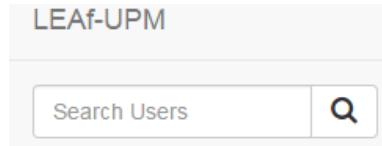
All Users				
Show <select>10</select> entries <input type="text" value="Search:"/> <input type="button" value="Search"/>				
Name	UPM ID	College	Contact Number	
Angelica Khyrss Yvonne Ciriaco Ladisla	2012-69036	camp	0912354	
Harold James Corpuz Decapia	2012-30427	cas	09121234124	
Jesh Cedillo Orquina	2012-30393	cm	09171231234	
Marquee Mae Cruz Enriquez	2012-1234	cn	09123545	
Renzo Gabriel Cruz Bongocan	2012-30427	cd	0912345	
Shoot UP Manila	2012-43242	cas	091243	
System Administrator	Admin	cas	09121231212	
UP Manila Indayog	2012-34245	cas	091234	
UP SoComSci	2012-32344	cm	091234	

Showing 1 to 9 of 9 entries Previous  Next

Figure 67: View All Users

## 27. Search Users Page

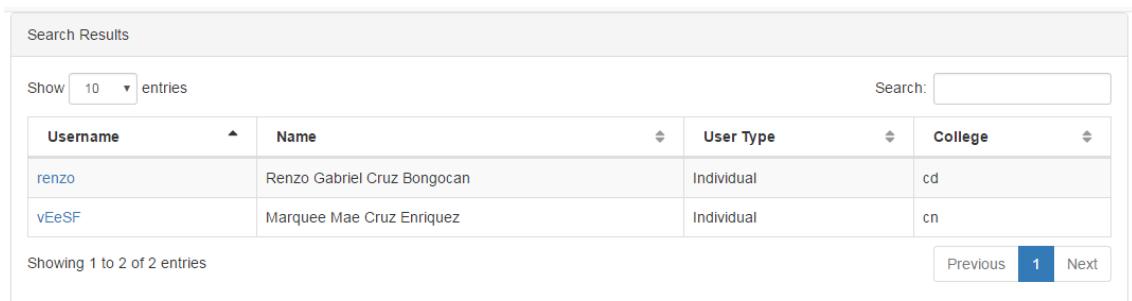
The Registered User can search for a particular user of the system using the search field shown in Figure 68.



A screenshot of a search interface. At the top, it says "LEAf-UPM". Below that is a search bar containing the placeholder text "Search Users" and a magnifying glass icon.

Figure 68: Search Field

Figure 69 shows the search results done by Registered User.



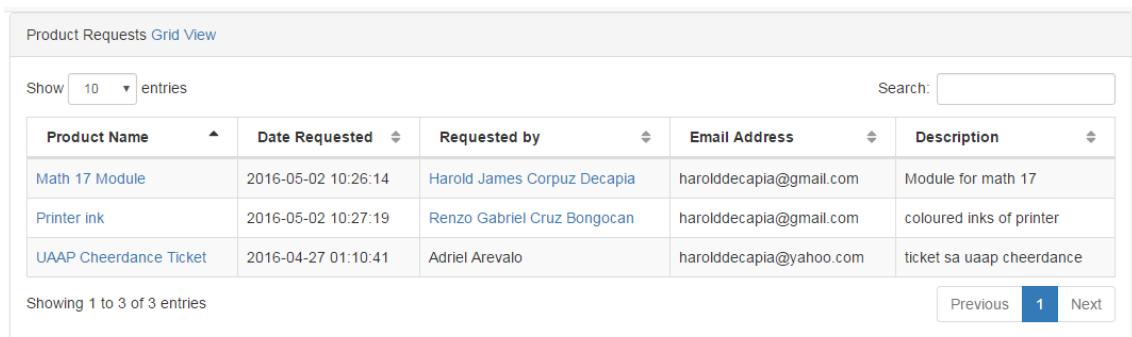
A screenshot of a search results grid view. The title is "Search Results". It includes a dropdown for "Show 10 entries" and a search input field. The table has columns: Username, Name, User Type, and College. There are two entries: "renzo" (Renzo Gabriel Cruz Bongocan, Individual, cd) and "vEeSF" (Marquee Mae Cruz Enriquez, Individual, cn). At the bottom, it says "Showing 1 to 2 of 2 entries" and has navigation buttons for "Previous" (disabled), "1", and "Next".

Username	Name	User Type	College
renzo	Renzo Gabriel Cruz Bongocan	Individual	cd
vEeSF	Marquee Mae Cruz Enriquez	Individual	cn

Figure 69: Search Users

## 28. View Product Requests Page

All Registered Users can view product requests from their fellow Registered Users or from Unregistered Users as showin in Figure 70.



A screenshot of a product requests grid view. The title is "Product Requests Grid View". It includes a dropdown for "Show 10 entries" and a search input field. The table has columns: Product Name, Date Requested, Requested by, Email Address, and Description. There are three entries: "Math 17 Module" (Requested by Harold James Corpuz Decapia, Email: harolddecapia@gmail.com, Description: Module for math 17), "Printer ink" (Requested by Renzo Gabriel Cruz Bongocan, Email: harolddecapia@gmail.com, Description: coloured inks of printer), and "UAAP Cheerdance Ticket" (Requested by Adriel Arevalo, Email: harolddecapia@yahoo.com, Description: ticket sa uaap cheerdance). At the bottom, it says "Showing 1 to 3 of 3 entries" and has navigation buttons for "Previous" (disabled), "1", and "Next".

Product Name	Date Requested	Requested by	Email Address	Description
Math 17 Module	2016-05-02 10:26:14	Harold James Corpuz Decapia	harolddecapia@gmail.com	Module for math 17
Printer ink	2016-05-02 10:27:19	Renzo Gabriel Cruz Bongocan	harolddecapia@gmail.com	coloured inks of printer
UAAP Cheerdance Ticket	2016-04-27 01:10:41	Adriel Arevalo	harolddecapia@yahoo.com	ticket sa uaap cheerdance

Figure 70: View Product Requests

## 29. View Other Registered User Page

Figure 71 shows the profile of another Registered User as viewed by the one who is currently logged in on the system. The profile information as well as the products advertised of the user is shown. The other user can be rated since the Registered User who is logged in has had transaction with that user. The user can also be sent a private message by the user who's logged in as shown.

Angelica Khryss Yvanne Ciriaco Ladisla



**Profile**

Click here to message user.  
Report buyer

Your rating:	4 	Rate user
Credibility:		
Username:	aky	
Is Individual?	Yes	
UPM ID:	2012-69036	
College:	camp	
Email Address:	harolddecapia@gmail.com	
Contact Number:	0912354	
Member since:	2016-04-25 08:54:36	

[View products advertised](#)

Products

**PRODUCTS ADVERTISED**



Speaker  
P300



Yellow shirt  
P300



Brown cake  
P50

Figure 71: View other registered user

### 30. Report a buyer

As a seller, any registered user of LEAf-UPM can report any other registered users as buyers for their behavior. This is done to address the situation where buyers just buy products from a user and does not pay. These reports will be submitted to the System Administrator. The System Administrator will then be the one to communicate with the reported user. The Admin can then deactivate the account of the user if proven that the user 'misbehaves' by looking at the image uploaded by the reporter as basis. The modal for reporting a buyer is shown in Figure 72.

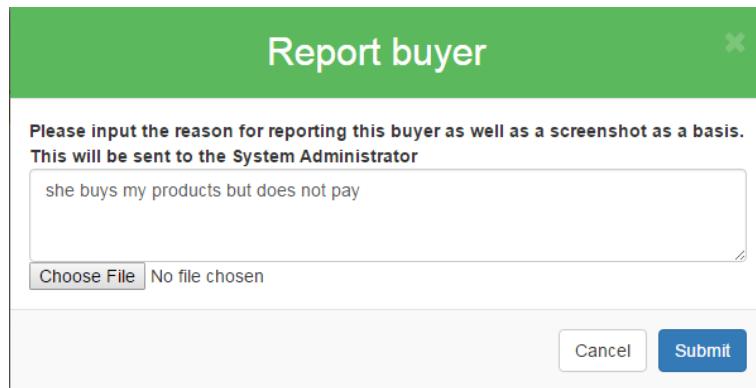


Figure 72: Report a buyer modal

### 31. Request for Trade Page

If a product can be traded for other products, the user can request for a trade. Form validations also apply as shown in Figure 73.

The screenshot shows a product listing for 'DRACULA NOVEL P200'. At the top, there's a navigation bar with 'Home / Products advertised / View product'. Below it is a photograph of a red book titled 'DRACULA The Un-Dead' by Dacre Stoker and Ian Holt. To the right of the image, the product title 'DRACULA NOVEL' and price 'P200' are displayed. Underneath, there's a section for 'Available Stock:2' with a 'Select Quantity' dropdown and a 'BUY' button. A checked checkbox labeled 'Request for trade' is present. Below this, validation errors are listed in red: 'The Product Category field is required.', 'The Product Description field is required.', and 'The Product Image field is required.'. There are input fields for 'Product Name' (containing 'Sons of the Harpy Novel'), 'Product Category' (a dropdown menu), 'Product Image' (a file upload field with 'Choose File' and 'No file chosen'), and 'Product Description' (a large text area with placeholder 'Describe your product'). At the bottom is a teal 'REQUEST TRADE' button.

Figure 73: Request for trade

After requesting, the user will be redirected to the Trade Requests (buyer) Page with the product recently traded included in the list with initial status PENDING. A success message shown in Figure 74 will appear upon successfully requesting a trade for the product.

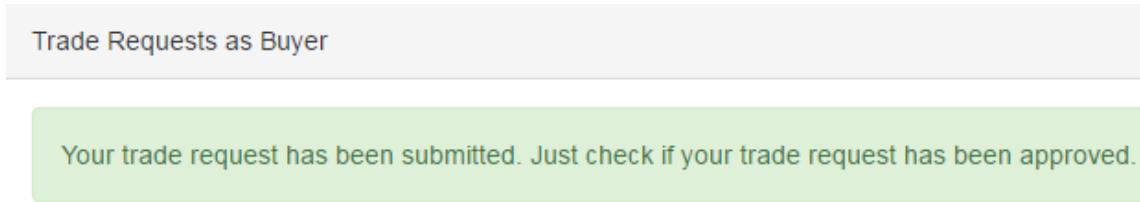


Figure 74: Trade for Product Success Message

### 32. Buy Product Page

If a user is logged in on the system, he/she can buy a product. Figure 75 shows a page when a product can be bought. It outputs an error since the user has just tried to buy the product without specifying the quantity.



Figure 75: Buy Product

After buying, the user will be redirected to the Products Bought Page with the product recently bought included in the list. A success message shown in Figure 76 will appear upon successfully buying the product.

### PRODUCTS BOUGHT

Product successfully bought! Please pay the price to the seller as soon as possible. Thank you for buying :)

Figure 76: Buy Product Success Message

### 33. Logout

Figure 77 shows the button for logging out of the system.

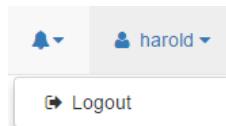


Figure 77: Logout

## VI. Discussions

The Localized E-Commerce Application for University of the Philippines Manila (LEAf-UPM) is a web-based PHP application which aims to ease the processes and transactions of buying, selling and/or advertising of products within the UP Manila campus. With the use of the system, the problems encountered by both the buyers and the sellers in doing the previous way of buying and selling have been addressed well.

The system has three major types of users namely: the Registered User, the System Administrator and the Unregistered User. The System Administrator is the one responsible for managing the system as a whole. Specifically, the Administrator is responsible for managing account requests, managing registered accounts, managing product categories, managing products advertised and managing product requests. The Administrator is also the one who communicates with the Unregistered User through E-mail.

The Unregistered User is the user who can only browse the different products available for buying. The product transaction that he/she will have for the product is outside the scope of the system. Meaning, if the Unregistered User wants to buy a particular product, he/she will contact the seller of the product using the seller's details as shown in the view product details page of LEAf-UPM. The transactions like deals or trades will not be addressed by the system for him/her. The Unregistered User, however, can request for a specific product he/she wants then it's up to him/her to just browse the products to see if the product requested is already in the list of products advertised. If the Unregistered User wants to make use of all the functionalities that LEAf-UPM provides, he/she can register for an account.

The Registered User is the most important user of the system. He/she assumes the role of being a buyer or a seller of a product being advertised in LEAf-UPM. The major functionalities of buying, advertising and/or selling a product is done by the Registered User.

The different functionalities of the system are divided into more general modules: Account and Profile Management, User Management, Communications Management, Products Management, Trades Management, Notifications Management, etc. Each of these modules contribute to satisfying the different objectives mentioned in this project as done by each of user of the system.

In terms of technology, LEAf-UPM was implemented using the CodeIgniter framework. CodeIgniter uses the Model-View-Controller architecture of software development. Because of this, all PHP files were divided into three subgroups (Models, Views, Controllers) which made them easier to manage.

A combination of initial and static web templates, Bootstrap and other third party libraries were used in order to develop the User Interface of the system. A pre-developed E-Commerce static page [27] was used as the home page template of LEAf-UPM including that of the dashboard [28]. Minor changes and edits were made for customization to better fit the User Interface of LEAf-UPM. Also, addition of other JavaScript, jQuery and CSS files were developed in addition to these to make the User Interface more dynamic. The Views folder of the project stores all these pages for the front-end part of the system.

MySQL is used as the database management system of LEAf-UPM. The tables from the initial Entity Relationship Diagram (ERD) were the first tables to be created. The database was then modified; that is, some tables have been added and some tables have been deleted. This has been done necessarily to satisfy the overall logic of creating the system.

LEAf-UPM in general was able to meet all the objectives of the project with the help of the different technologies mentioned. All the functionalities implemented were able to address the problems which lead to making the project significant. For one, product advertisements need not be posted on social media or around the campus anymore since the sellers would find it less costly and less effort to just post them on LEAf-UPM assuming that their prospective buyers also use the system. In this way, they would be able to track all their customers and

their orders in just one viewing at the system. There will be no Google docs, no facebook private messages, and any other social-media related way of transaction and communication. Communication-wise, the system has its own functionality that allows each registered users of the system to communicate with each other. With this, they could talk about deals, trades or even discounts better. Also, questions about the products advertised will surely be answered unlike on facebook comments which were difficult to track.

Due to the fact that the system was designed to be used locally, all users find it easy to browse the different products available for buying. They could even search and filter these products to limit their choices. The users need not to go to other places aside from UP Manila to exchange the payment and the product bought. On the sellers side, these products would be sold as soon as possible for as long as their target market are the UP Manila community. Because of this, it can be said that they will be able to maximize their income since they are able to maximize the number of prospective buyers for their product.

## VII. Conclusions

The Localized E-Commerce Application for University of the Philippines Manila (LEAf-UPM) was designed and implemented primarily to aid the process of buying and selling of products within the UP Manila campus. It is able to address most of the major problems encountered by both buyers and sellers of different products around the campus.

As compared with the previous ways of buying and selling of products, LEAf-UPM is more convenient, less costly, less effort and much more effective. The sellers need not walk around the campus just to post product advertisements on bulletin boards. They need not make documents on social media like Google Docs or to post on social media to advertise a product and wait for comments or private messages to know if someone is interested into buying the product for these are already addressed by LEAf-UPM. Although it is not meant as a web application for doing business online for UP Manila students, LEAf-UPM makes sellers earn more since there are a lot of prospective buyers using the system. Their products are sold quicker and more in terms of quantity. Also, one of the benefits of using LEAf-UPM to advertise is that it is free for use to all members of the UP Manila community.

LEAf-UPM helps the buyers in terms of product awareness and convenience. The browsing of products advertised allows the buyers to easily find the product they are looking for. With this, they will not be limited to only a number of products advertised since there will be a lot of choices they can pick from. They will find it convenient to use the system since it is Internet connection-based and the whole UP Manila campus is connected to the Internet. The friendly and easy to use User Interface makes browsing, searching and buying very easy. If bought, the buyers are assured of a reservation for the product. It also encourages these buyers, whether an individual or an organization to sell, which is a good thing since they will be able to earn even a small amount of money.

## **VIII. Recommendations**

The Localized E-Commerce Application for UP Manila (LEAf-UPM) was able to address some of the major problems encountered in buying and selling of products within UP Manila. However, there are still a lot of improvements that can be done on this system.

For one is an addition of functionalities. Since LEAf-UPM does not handle money transactions, it would be better to make LEAf-UPM handle customer payments to the sellers which can be done online. An approach could be using a third-party library for connecting with credit cards like PayPal and MasterCard for example if such library exists and if it is possible to implement. The proponent, however, should make sure that credit cards are the most convenient way when paying online by doing research.

Another improvement that can be done on LEAf-UPM is by making a mobile version of it to have more users since smartphones are also deemed convenient for buying and selling of products. Doing this, however, will lessen the functionalities of LEAf-UPM as mentioned in this research.

Doing a Short Message Service(SMS)-based notification is another way to improve the system. That is, notifications management will be handled through SMS. All notifications will be sent by the System Administrator as text messages to the different users of the system.

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# X. Appendix

## A. Source Code

Listing 1: Administrator.php

```
1 <?php  
2 if (!defined('BASEPATH'))  
3     exit('No direct script access  
        allowed');  
4  
5 class Administrator extends  
    MY_Controller {  
6     function __construct() {  
7         parent::__construct();  
8         $this->load->library('email');  
9         $this->load->library('parser');  
10        $this->init_user_header();  
11        if ($this->session->userdata('  
            usertype') != 'admin' || !  
            $this->session->userdata('  
            usertype')) {  
12            redirect('home');  
13        }  
14    }  
15  
16    public function view_report($id)  
    {  
17        $data['report'] = $this->  
            report_model->get_report($id);  
18        $data['buyer'] = $this->  
            user_model->get_user_name(  
                $data['report']->userid);  
19        $data['reporter'] = $this->  
            user_model->get_user_name(  
                $data['report']->reporter_id);  
20        $this->load->view('templates/  
            admin_header', $this->  
            header_data);  
21        $this->load->view('viewreport',  
            $data);  
22    }  
23  
24    public function  
        prior_buyer_reports() {  
25        $this->notifications_model->  
            update_notif_read(1, "  
            new_report");  
26        redirect('administrator/  
            buyer_reports');  
27    }  
28  
29    public function buyer_reports()  
    {  
30        $reporter_names = array();  
31        $buyer_names = array();  
32        $data['reports'] = $this->  
            report_model->get_data();  
33        foreach ($data['reports'] as  
            $report) {  
            array_push($reporter_names,  
                $this->user_model->  
                    get_user_name($report->  
                        reporter_id));  
            array_push($buyer_names, $this  
                ->user_model->get_user_name(  
                    $report->userid));  
        }  
        $data['reporters'] =  
            $reporter_names;  
        $data['buyers'] = $buyer_names;  
        $this->load->view('templates/  
            admin_header', $this->  
            header_data);  
        $this->load->view('  
            buyer_reports', $data);  
41    }  
42  
43    public function prior_acctreq()  
    {  
44        $this->notifications_model->  
            update_notif_read(1, "  
            new_account_requests");  
45        redirect('administrator/acctreq');  
46    }  
47  
48    public function acctreq() {  
49        $data['acctreqs'] = $this->  
            acctreq_model->get_data();  
50        $this->load->view('templates/  
            admin_header', $this->  
            header_data);  
51        $this->load->view('acctreq',  
            $data);  
52    }  
53  
54    public function registered_accts  
    () {  
55        $data['registered_accts'] =  
            $this->  
                registered_accounts_model->  
                    get_data();  
56        $this->load->view('templates/  
            admin_header', $this->  
            header_data);  
57        $this->load->view('  
            registered_accts', $data);  
58    }
```

```

59                                     96      'image' => 'user.jpg',
60 public function manage_acctreq() 97      );
61 {
62     if(empty($this->input->post(' 98
63         acctreqs'))){ 99
64         $data['accreqs_message'] = " 100
65             Nothing has been selected."; 101
66         $data['acctreqs'] = $this-> 102
67             acctreq_model->get_data(); 103
68         $this->session->set_flashdata 104
69             ('accreqs_message_no_selected 105
70             ', $data['accreqs_message']); 106
71         redirect('administrator/ 107
72             acctreq'); 108
73     } 109
74     else { 110
75         if($this->input->post('submit 111
76             ') == 'Approve') { 112
77             $acctreqs = $this->input-> 113
78                 post('acctreqs'); 114
79             date_default_timezone_set(' 115
80                 America/Anchorage'); 116
81             $date = date('Y-m-d H:i:s'); 117
82             $ctr = 0; 118
83             foreach($acctreqs as $acctreq{ 119
84                 ) { 120
85                 $ctr++; 121
86                 do { 122
87                     $username = $this-> 123
88                     randomuser(5); 124
89                     } while (!$this-> 125
90                     is_unique_username($username)); 126
91                     $password = $this-> 127
92                     randomuser(5); 128
93                     $user = $this->acctreq_model 129
94                     ->get_unapproved($acctreq); 129
95                     $name = $user->orgName; 129
96                     if($user->isInd == 1) { 129
97                         $name = $user->fName . " " . 129
98                         $user->mName . " " . $user-> 129
99                         lName; 129
100                     } 129
101                     $approved_data = array( 129
102                         'username' => $username, 129
103                         'password' => md5($password 129
104                         ), 129
105                         'dateApproved' => $date, 129
106                         'credibility' => 0, 129
107                         'email' => $user->email, 129
108                         'upmid' => $user->upmid, 129
109                         'college' => $user->college, 129
110                         , 129
111                         'contactNum' => $user-> 129
112                         contactNum, 129
113                         'isInd' => $user->isInd, 129
114                         'isAdmin' => '0', 129
115                         'name' => $name, 129
116                     ); 129
117                     // Email log in credentials 129
118                     to user 129
119                     $this->email->clear(); 129
120                     $config['mailtype'] = "html"; 129
121                     $this->email->initialize($config); 129
122                     $this->email->set_newline("\r\n"); 129
123
124                     $this->email->from('sysad.ecommerce.upm@gmail.com'); 129
125                     $this->email->to($user->email); 129
126                     $this->email->subject('Log 129
127                     in Credentials [LEAf-UPM]'); 129
128                     $data = array( 129
129                         'name' => $name, 129
130                         'username' => $username, 129
131                         'password' => $password 129
132                     ); 129
133                     $htmlMessage = $this->parser 129
134                     ->parse('email_credentials', 129
135                     $data, true); 129
136                     $this->email->message($htmlMessage); 129
137                     $isSent = $this->email->send(); 129
138                     if(!$isSent) { 129
139                         $this->session-> 129
140                         set_flashdata("acctreq_message_err", " 129
141                             Approving failed. Email could 129
142                             not be sent due to internet 129
143                             connectivity problems. Please 129
144                             make sure that you are 129
145                             connected to the internet."); 129
146                     redirect('administrator/ 129
147                         acctreq'); 129
148
149                     $approved_id = $this-> 129
150                     acctreq_model->insert_approved($approved_data); 129
151
152                 } 129
153                 $this->acctreq_model-> 129
154                 delete_records($acctreqs); 129
155                 if($ctr == 1) { 129
156                     $accreqs_message = "Account 129
157                     request has been approved. "; 129
158                 } 129
159                 else if($ctr > 1) { 129
160                     $accreqs_message = $ctr." 129
161                     account requests have been 129
162
163             ); 129

```

```

    approved . " ;
130     }
131   }                                161
132   else if( $this->input->post( ' 162
133     submit ' ) == 'Reject' ) {        163
134     $acctreqs = $this->input-> 164
135       post( 'acctreqs' );           165
136       foreach( $acctreqs as $acctreq 65
137         ) {
138           $user = $this->acctreq_model
139             ->get_unapproved( $acctreq ); 166
140             $name = $user->orgName;      167
141               if( $user->isInd == 1 ) {    168
142                 $name = $user->fName . " "
143                   . $user->mName . " " . $user->
144                     lName;                  169
145                   }
146                   // Email user/s why account 170
147                     has been rejected      171
148                   $this->email->clear();    172
149                   $config[ 'mailtype' ] = "html" 173
150                     ";
151                     $this->email->initialize( 174
152                       $config);                175
153                     $this->email->set_newline( "\r\n" ); 176
154                         );
155                         $this->email->from( 'sysad. 179
156                           ecommerce.upm@gmail.com' ); 180
157                           $this->email->to( $user-> 181
158                             email );                182
159                             $this->email->subject( ' 183
160                               Account Request [LEAF-UPM] ' ); 184
161                               $data = array( 185
162                                 'name' => $name 186
163                               );                  187
164                               $htmlMessage = $this->parser 188
165                                 ->parse( ' 189
166                                   email_rejected_account ', $data
167                                     , true );
168                                     $this->email->message( 190
169                                       $htmlMessage );
170                                       $isSent = $this->email->send
171                                         ();
172                                         if( !$isSent ) {
173                                           $this->session-> 192
174                                             set_flashdata( "
175                                               acctreq_message_err" , " 193
176                                                 Rejecting failed. Email could 194
177                                                 not be sent due to internet 195
178                                                 connectivity problems. Please 196
179                                                 make sure that you are 197
180                                                 connected to the internet." ); 198
181                                         redirect( 'administrator/ 199
182                                           acctreq' );                200
183                                         }
184                                         }
185                                         $count = $this->acctreq_mode 203
186                                         ->delete_records( $this->input
187                                           ->post( 'acctreqs' ) );
188                                         if( $count == 1 ) {
189                                           $acctreqs_message = "Account
190                                             request has been deleted." ;
191                                         }
192                                         else if( $count > 1 ) {
193                                           $acctreqs_message = $count ." "
194                                             account requests have been
195                                             deleted ." ;
196                                         }
197                                         $this->session->set_flashdata
198                                           ( "acctreqs_message" ,
199                                             $acctreqs_message );
200                                         redirect( "administrator/
201                                           acctreq" );
202                                         }

public function randomuser( $len
203                           = 5 ) {
204                           $user = '';
205                           $lchar = 0;
206                           $char = 0;
207                           for( $i = 0; $i < $len; $i++ ) {
208                             while( $char == $lchar ) {
209                               $char = rand( 48, 109 );
210                               if( $char > 57 ) $char += 7;
211                               if( $char > 90 ) $char += 6;
212                               }
213                               $user .= chr( $char );
214                               $lchar = $char;
215                             }
216                           return $user;
217                         }

public function
218                           is_unique_username( $username )
219                           {
220                           $userlist = $this->db->query( "
221                             SELECT 'username' FROM 'users
222                               ' );
223                           if( $userlist->num_rows() > 0 )
224                             {
225                               $userlist = $userlist->
226                                 row_array();
227                               foreach( $userlist as $user ) {
228                                 if( $user == $username ) {
229                                   return false;
230                                 }
231                               }
232                               return true;
233                             }
234                             else {
235                               return true;
236                             }
237                           }
238                           }


```

```

204 public function disable_account() {
205     if(empty($this->input->post('regaccts'))) {
206         $no_selected = "Nothing has been selected.";
207     }
208     else {
209         $deact = 0;
210         $act = 0;
211         $regaccts = $this->input->post('regaccts');
212         foreach($regaccts as $regacct) {
213             $isDisabled = $this->registered_accounts_model->get_isDisabled($regacct);
214             if($isDisabled == 1) {
215                 $this->registered_accounts_model->activate($regacct);
216                 $deact++;
217             }
218             else {
219                 $this->registered_accounts_model->disable($regacct);
220                 $act++;
221             }
222         }
223         if($deact != 0) {
224             if($deact == 1) {
225                 $act_message = "Account has been activated.";
226             }
227             else if($deact > 1) {
228                 $act_message = $deact." accounts have been activated.";
229             }
230         }
231         if($act != 0) {
232             if($act == 1) {
233                 $deact_message = "Account has been deactivated.";
234             }
235             else if($act > 1) {
236                 $deact_message = $act." accounts have been deactivated.";
237             }
238         }
239     }
240     $this->session->set_flashdata("no_selected", $no_selected);
241     $this->session->set_flashdata("act_message", $act_message);
242     $this->session->set_flashdata("deact_message", $deact_message);
243     redirect('administrator/registered_accts');
244 }
245 }
246 }

1 <?php
2 if (!defined('BASEPATH'))
3 exit('No direct script access
allowed');

4 class Conversation extends
MY_Controller {
5
6     function __construct() {
7         parent::__construct();
8         $this->init_user_header();
9         if (!$this->session->userdata('
usertype')) {
10             redirect('home');
11         }
12     }
13 }

14 public function
prior_view_conversation(
$other_id) {
15 $user_id = $this->session->
userdata('userid');
16 $convo_id = $this->
conversation_model->
get_conversation_id($user_id ,
$other_id);
17 $this->
message_notifications_model->
update_unread($user_id ,
$convo_id ,0);
18 redirect('conversation/
view_conversation/'.$other_id)
;
19
20 }

21 public function
view_conversation($other_id) {
22 $data['file1'] = $this->
user_model->get_image($this->
session->userdata('userid'));
23 $data['file2'] = $this->
user_model->get_image(
$other_id);
24 $user_id = $this->session->
userdata('userid');
25 $convo_id = $this->
conversation_model->
get_conversation_id($user_id ,
$other_id);

```

Listing 2: Conversation.php

75

```

27 $data[ 'other_name' ] = $this->      63
    user_model->get_user_name(      63
        $other_id);
28 if($convo_id == 0) {                  64
29     $to_add = array(                 65
30         'first_user_id' => $user_id, 65
31         'second_user_id' => $other_id 66
32     );
33     $convo_id = $this->            67
        conversation_model->
            create_conversation($to_add);
34 }
35 $data[ 'other_id' ] = $other_id;
36 $data[ 'convo_id' ] = $convo_id;
37 $data[ 'messages' ] = $this->          68
    message_model->get_messages(      69
        $convo_id);
38 $names_sender = array();              71
39 foreach($data[ 'messages' ] as       72
    $mess) {
40     $name = $this->user_model->      73
        get_user_name($mess->sender_id);
41     array_push($names_sender,          75
        $name);
42 }
43 $data[ 'names_sender' ] =           76
    $names_sender;
44 if($this->session->userdata( '  77
    usertype' ) == 'admin') {
45     $this->load->view('templates/ 78
        admin_header', $this->
            header_data);
46 }
47 else {
48     $this->load->view('templates/ 81
        user_header', $this->
            header_data);
49 }
50 $this->load->view('conversation 82
    ', $data);
51
52 }
53
54 public function view_all() {
55     $chatmates = array();
56     $chatmateids = array();
57     $unread_messages = array();
58     $data[ 'conversations' ] = $this
        ->conversation_model->
            get_conversations($this->
                session->userdata('userid'));
59     if(sizeof($data[ 'conversations 11
        ']) > 0) {
60         foreach($data[ 'conversations ']
            as $convo){
61             $id = $convo->first_user_id;
62             if($id == $this->session->
                userdata('userid')) {
63                 $id = $convo->second_user_id;
64             }
65             array_push($chatmates, $this
                ->user_model->get_user_name(
                    $id));
66             array_push($chatmateids, $id);
67             $num_unread = $this->
                message_notifications_model->
                    get_unread($this->session->
                        userdata('userid'), $convo->id
                    );
68             if($num_unread == -1) {
69                 $num_unread = 0;
70             }
71             array_push($unread_messages,
                $num_unread);
72         }
73     }
74     $data[ 'chatmates' ] = $chatmates;
75     $data[ 'chatmateids' ] =
        $chatmateids;
76     $data[ 'unread_messages' ] =
        $unread_messages;
77     if($this->session->userdata( '  78
        usertype' ) == 'admin') {
79         $this->load->view('templates/
            admin_header', $this->
                header_data);
80     }
81     else {
82         $this->load->view('templates/
            user_header', $this->
                header_data);
83     }
84     $this->load->view('
        view_all_convo', $data);
85 }
86 }

```

Listing 3: Feedback.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
        allowed');
4
5 class Feedback extends
    MY_Controller {
6
7     function __construct() {
8         parent::__construct();
9         $this->init_user_header();
10    }
11

```

```

12 public function prior_view_all() 47
13 {
14     $this->notifications_model-> 48
15         update_notif_read($this-> 49
16             session->userdata('userid'), "50
17                 feedback"); 51
18     redirect('feedback/view_all'); 52
19 }
20
21 public function view_all() { 53
22     $data['feedbacks'] = $this-> 54
23         feedback_model->get_feedbacks 55
24         (); 56
25     $this->load->view('templates/ 57
26         admin_header', $this-> 58
27             header_data); 59
28         $this->load->view(' 60
29             feedback', $data); 61
30 }
31
32 public function send_feedback() 62
33 {
34     $email = $this->input->post(' 63
35         email'); 64
36     $feedback = $this->input->post 65
37         ('feedback'); 66
38     $this->form_validation-> 67
39         set_rules('feedback', 'Feedback 68
40             ', 'required'); 69
41     $this->form_validation-> 70
42         set_rules('email', 'Email 71
43             Address', 'required|valid_email 72
44             '); 73
45     if ($this->form_validation->run 74
46         () == false) { 75
47         $error_mess = 76
48             validation_errors(); 79
49         $this->session->set_flashdata 80
50             ('error_mess', $error_mess); 81
51         redirect("home/index"); 82
52     } 83
53     else { 84
54         date_default_timezone_set(' 85
55             America/Anchorage'); 86
56         $date = date('Y-m-d H:i:s'); 87
57         $data = array( 88
58             'email' => $email, 89
59             'date_feedback' => $date, 90
60             'content' => $feedback 91
61         );
62         $this->feedback_model-> 92
63             add_feedback($data); 94
64
65         $notif_description = "Feedback 95
66             from ". $email; 96
67         $notif_data = array( 97
68             'userid' => 1, 98
69             'date_notification' => $date, 99
70         );
71
72         'description' => 100
73             $notif_description, 101
74             'is_read' => 0, 102
75             'type' => 'feedback' 103
76         );
77         $this->notifications_model-> 104
78             insert_notification( 105
79                 $notif_data); 106
80         $this->session->set_flashdata 107
81             ('success_mess', "Your feedback 108
82                 has been submitted! Thank you 109
83                     for your input!"); 110
84         redirect("home/index");
85     }
86 }
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110

```

Listing 4: Home.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class Home extends CI_Controller
6 {
7     function __construct() {
8         parent::__construct();
9     }
10
11     public function index() {
12         $data['new_products'] = $this->
13             product_model->
14             get_new_products();
15         if (empty($data['new_products']))
16         {
17             $data['norecords'] = "No
18             records found";
19         }
20         $this->load->view('templates/
21             header');
22         $this->load->view('home', 23
23             $data);
24         $this->load->view('templates/
25             footer');
26     }
27
28     public function register() {
29         if (($this->session->userdata(
30             'username'))) {
31             redirect('user');
32         }
33         $this->load->view('templates/
34             header');
35         $this->load->view('register');
36         $this->load->view('templates/
37             footer');
38     }
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110

```

```

28
29 public function request() { 62 session->userdata( 'prodcats' );
30   $data[ 'prodcats' ] = $this-> 63 }
31   product_category_model-> 64 else if($prodcats == null) {
32     get_data(); 65   $prodcats = $this->session->
33   $this->load->view( 'templates/ 66     userdata( 'prodcats' );
34     header' ); 67   $data[ 'checked' ] = $prodcats;
35   $this->load->view( 'request' , 68 }
36     $data); 69   if($fromdate != null) {
37   $this->load->view( 'templates/ 70     $this->session->set_userdata( ,
38     footer' ); 71       fromdate' , $fromdate);
39 } 72   $data[ 'fromdate' ] = $this->
40   $this->load->view( 'templates/ 73     session->userdata( 'fromdate' );
41     header' ); 74 }
42   $this->load->view( 'login' ); 75   else if($fromdate == null) {
43   $this->load->view( 'templates/ 76     $fromdate = $this->session->
44     footer' ); 77     userdata( 'fromdate' );
45 } 78   $data[ 'fromdate' ] = $fromdate;
46   public function about() { 79   if($todate != null) {
47     $this->load->view( 'templates/ 80     $this->session->set_userdata( ,
48       header' ); 81       todate' , $todate);
49     $this->load->view( 'about' ); 82   $data[ 'todate' ] = $this->
50   } 83     session->userdata( 'todate' );
51   public function 84   }
52     filtered_products() { 85   $config = array();
53   $prodcats = $this->input->post 86   $config[ 'full_tag_open' ] = '<ul
54     ( 'prodcat' ); 87     class="pagination">';
55   $fromdate = $this->input->post 88   $config[ 'full_tag_close' ]
56     ( 'fromdate' ); 89     = '</ul>';
57   $todate = $this->input->post( ' 90   $config[ 'first_link' ] =
58     todate' ); 91   false;
59   $prodcats_sess = $this->session 92   $config[ 'last_link' ] =
60     ->userdata( 'prodcats' ); 93   false;
61   if($prodcats == null && 94   $config[ 'first_tag_open' ]
62     $fromdate == null && $todate 95     = '<li >';
63     == null && $this->session-> 96   $config[ 'first_tag_close'
64     userdata( 'prodcats' ) == null 97     = '</li >';
65     && $this->session->userdata( ' 98   $config[ 'prev_link' ] = '&
66     fromdate' ) == null && $this-> laquo';
67     session->userdata( 'todate' ) ==94   $config[ 'prev_tag_open' ]
68     null) { 95     = '<li class="prev">';
69     redirect( 'home/browse_products95   $config[ 'prev_tag_close' ]
70     ' ); 96     = '</li >';
71   if($prodcats != null) { 97   $config[ 'next_link' ] = '&
72     $this->session->set_userdata( ' 98   $config[ 'next_tag_open' ]
73     prodcats' , $prodcats); 99     = '<li >';
74     $data[ 'checked' ] = $this-> 100   $config[ 'next_tag_close' ]
75

```



```

158     $config["total_rows"] = 5 class Login extends CI_Controller
159     $this->product_model-> 6     {
160         record_count_all(); 7         function __construct() {
161     if ($config["total_rows"] == 0) 8             parent::__construct();
162     { 9
163         $data['no_records'] = "No 10     public function index() {
164             records to show."; 11         $this->form_validation->
165             $this->load->view('templates/ 12             set_rules('username', '',
166                 header'); 13             'username', 'required');
167             $this->load->view(' 14             $this->form_validation->
168                 browse_products', $data); 15             set_rules('password', '',
169             $this->load->view('templates/ 16             'password', 'required');
170                 footer'); 17             if ($this->form_validation->run
171             } 18             () == false) {
172         else { 19             $this->load->view('templates/
173             $config["per_page"] = 9; 20                 header');
174             $page = ($this->uri->segment 21             $this->load->view('login');
175                 (3)) ? $this->uri->segment(3) 22             $this->load->view('templates/
176                 : 0; 23                 footer');
177                 $config["uri_segment"] = 3; 24             }
178                 $choice = $config["total_rows 25             if (!empty($row_user)) {
179                     "] / $config["per_page"]; 26                 if ($row_user->isAdmin == 1) {
180                     $config["num_links"] = floor( 27                     $this->session->set_userdata
181                         $choice); 28                         ('username', $username);
182                     $this->pagination->initialize( 29                         $this->session->set_userdata
183                         $config); 30                         ('userid', $row_user->id);
184                     $data["product_advs"] = $this-> 31                         $this->session->set_userdata
185                         product_model-> 32                         ('usertype', 'admin');
186                         fetch_product_advertised_all( 33                         redirect('user');
187                             $config["per_page"], $page); 34                     }
188                     $data["links"] = $this-> 35                     else if ($row_user->isAdmin ==
189                         pagination->create_links(); 36                         0) {
190                     $data['prodcats'] = $this-> 37                         if ($row_user->isDisabled ==
191                         product_category_model-> 38                         1) {
192                             get_data(); 39                             $data['login_error'] =
193                             $this->load->view('templates/ 40                             Your account is currently
194                                 header'); 41                             disabled. Please contact the
195                             $this->load->view('browse_products', $data); 42                             System Administrator.";
196                             $this->load->view(' 43                             $this->load->view('templates/
197                                 footer'); 44                             footer');
198             } 45                     }
199         } 46                     else {
200     } 47                         $this->session->
201 }
```

Listing 5: Login.php

```

1 <?php 35
2 if (!defined('BASEPATH')) 36
3     exit('No direct script access 37
4     allowed');

```

```

38     $this->session->
39         set_userdata('userid',
40             $row_user->id);
41         $this->session->
42             set_userdata('usertype', ' ,
43             registered_user');
44         redirect('user');
45     }
46     }
47     }
48     else {
49         $data['login_error'] = "
50             Invalid username/password
51             combination!";
52     }
53 }
```

Listing 6: Logout.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4         allowed');
5 class Logout extends
6     CI_Controller {
7     function __construct() {
8         parent::__construct();
9     }
10    public function index() {
11        $this->session->sess_destroy();
12        redirect('home');
13    }
14 }
15 }
```

Listing 7: Message.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4         allowed');
5 class Message extends
6     CI_Controller {
7     function __construct() {
8         parent::__construct();
9         if (!$this->session->userdata('
10             username')) {
11             redirect('home/login');
12         }
13     }
14     public function send_message(
15         $convo_id) {
16         $sender_id = $this->session->
17             userdata('userid');
18         $content = $this->input->post(
19             'content');
20         date_default_timezone_set(
21             'America/Anchorage');
22         $date = date('Y-m-d H:i:s');
23         $to_add = array(
24             'convo_id' => $convo_id,
25             'date_message' => $date,
26             'sender_id' => $sender_id,
27             'content' => $content
28         );
29         $this->message_model->
30             insert_message($to_add);
31         $other_id = $this->input->post(
32             'other_id');
33         $unread = $this->
34             message_notifications_model->
35             get_unread($other_id,
36             $convo_id);
37         if ($unread == -1) {
38             $to_add = array(
39                 'userid' => $other_id,
40                 'conversation_id' =>
41                     $convo_id,
42                 'unread_messages' => 1
43             );
44             $this->
45                 message_notifications_model->
46                 create_notif($to_add);
47         } else {
48             $updated_unread = $unread + 1;
49             $this->
50                 message_notifications_model->
51                 update_unread($other_id,
52                     $convo_id, $updated_unread);
53         }
54         redirect('conversation/
55             view_conversation/'.$other_id);
56     }
57 }
```

Listing 8: MY\_Controller.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit ('No direct script access
4         allowed');
5 class MY_Controller extends
6     CI_Controller {
7 var $header_data = array ();
8
9     function __construct () {
10         parent::__construct ();
11     }
12
13 public function init_user_header
14     ()
15 //message_notifications
16 $unread_list = array ();
17 $unread_list_senders = array ();
18 $unread_list_senderids = array
19 () ;
20 $convo_ids = $this->
21     message_notifications_model->
22     get_convoids_unread ($this->
23     session->userdata ('userid '));
24 foreach ($convo_ids as $convo_id
25 ) {
26     $unread = $this->message_model
27     ->get_unread_list ($convo_id->
28     conversation_id);
29     array_push ($unread_list ,
30     $unread);
31     array_push (
32     $unread_list_senders , $this->
33     user_model->get_user_name (
34     $unread->sender_id));
35     array_push (
36     $unread_list_senderids , $unread
37     ->sender_id);
38 }
39 $this->header_data [ 'username ']
40 = $this->session->userdata (
41     'username ');
42 $this->header_data [
43     'unread_convo ']
44 = $this->
45     message_notifications_model->
46     get_number_unread ($this->
47     session->userdata ('userid '));
48 $this->header_data [
49     'unread_convo_list ']
50 = $unread_list ;
51 $this->header_data [
52     'unread_list_senders ']
53 = $unread_list_senders ;
54 $this->header_data [
55     'unread_list_senderids ']
56 = $unread_list_senderids ;
57
58 //transaction notifications
59 $this->header_data [
60     'unread_notifications ']
61 = $this->notifications_model->
62     get_unread_notifs ($this->
63     session->userdata ('userid '));
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```

4
5 class Product extends
6     MY_Controller {
7
8     var $header_data = array();
9
10    function __construct() {
11        parent::__construct();
12        $this->init_user_header();
13    }
14
15    public function view_all() {
16        $sellers = array();
17        $data['prod_advs'] = $this->
18            product_model->
19            get_all_advertised();
20        foreach($data['prod_advs'] as
21            $prod) {
22            array_push($sellers, $this->
23                user_model->get_user_name(
24                    $prod->userid));
25        }
26        $data['sellers'] = $sellers;
27        $this->load->view('templates/
28            admin_header', $this->
29            header_data);
30        $this->load->view(
31            'view_products', $data);
32    }
33
34    public function delete_product()
35    {
36        $prods = $this->input->post('
37            prods');
38        if(empty($prods)) {
39            $this->session->set_flashdata
40            ("nothing_selected", "Nothing
41            has been selected.");
42        } else {
43            if($this->input->post('submit
44            ') == 'Submit') {
45                $curr_status = $this->
46                product_model->get_isActive(
47                    $prods);
48                if($curr_status == 'NO') {
49                    $this->session->
50                    set_flashdata('error_mess',
51                        'Deactivating product
52                        advertisement failed because
53                        product is already deactivated
54                        .');
55                }
56                redirect('product/view_all
57            ');
58            }
59        }
60        $this->form_validation->
61        set_rules('reason', 'Reason', ,
62            required');
63
64        if ($this->form_validation->
65        run() == false) {
66            $this->session->
67            set_flashdata('no_reason',
68                'Deactivating product
69                advertisement failed. Please
70                input the reason.');
71            redirect('product/view_all
72            ');
73        } else {
74            //Message seller the reason
75            //for deactivating the product
76            //advertised
77            $product = $this->
78            product_model->
79            get_product_advertised($prods)
80            ;
81            $receiver_id = $product->
82            userid;
83            $sender_id = $this->session-
84            >userdata('userid');
85            $convo_id = $this->
86            conversation_model->
87            get_conversation_id(
88                $receiver_id, $sender_id);
89            if($convo_id == 0) {
90                $to_add = array(
91                    'first_user_id' =>
92                    $receiver_id,
93                    'second_user_id' =>
94                    $sender_id
95                );
96                $convo_id = $this->
97                conversation_model->
98                create_conversation($to_add);
99            }
100            $content = "PRODUCT
101            ADVERTISED ". $product->name. "
102            DEACTIVATED: ". $this->input->
103            post('reason');
104            date_default_timezone_set(
105                America/Anchorage);
106            $date = date('Y-m-d H:i:s')
107            ;
108            $to_add = array(
109                'convo_id' => $convo_id,
110                'date_message' => $date,
111                'sender_id' => $sender_id,
112                'content' => $content
113            );
114            $this->message_model->
115            insert_message($to_add);
116
117            //for message notifications
118            $unread = $this->
119            message_notifications_model->
120            get_unread($receiver_id,
121            );

```

```

$convo_id);
68     if($unread == -1) {
69         $to_add = array(          99
70             'userid' => $receiver_id 100
71             'conversation_id' =>
72             $convo_id,
73             'unread_messages' => 1
74         );
75         $this->
76         message_notifications_model->101
77         create_notif($to_add);
78     }                               102
79     else {                         103
80         $updated_unread = $unread
81         + 1;
82         $this->
83         message_notifications_model->104
84         update_unread($receiver_id,
85             $convo_id, $updated_unread);
86     }
87
88     //add as notification to 105
89     the seller
90     $notif_description = "      106
91     Product advertised ".$product
92     ->name." has been temporarily
93     deactivated by the System
94     Administrator.";
95
96     $notif_data = array(
97         'userid' => $product->
98         userid,           107
99         'date_notification' => 108
100        $date,
101        'description' => 109
102        $notif_description,
103        'is_read' => 0,   110
104        'type' => '',
105        product_disabled' 111
106    );
107
108     $this->notifications_model 113
109     ->insert_notification(
110         $notif_data);       114
111
112     $this->product_model-> 115
113     deactivate($product->id); 116
114
115     $this->session->
116     set_flashdata('
117     product_disabled', 'Product 118
118     has been deactivated and is
119     stopped from being advertised.
120     The seller has been informed
121     of this action.');
122
123     }
124
125     else if($this->input->post('
126     submit') == 'Yes') {
127         $curr_status = $this->
128
129         product_model->get_isActive(
130             $prods);
131         if($curr_status == 'YES') {
132             $this->session->
133             set_flashdata('error_mess',
134             'Activating product
135             advertisement failed because
136             product is already activated
137             .');
138             redirect('product/view_all
139             ');
140         }
141         $product = $this->
142         product_model->
143         get_product_advertised($prods)
144         ;
145         $notif_description = "
146         Product advertised ".$product
147         ->name." has been activated by
148         the System Administrator and
149         is being advertised.";
150         $this->product_model->
151         activate($product->id);
152         $this->session->
153         set_flashdata(
154             'product_disabled', 'Product
155             has been activated and can be
156             advertised. The seller has
157             been informed of this action
158             .');
159
160         //add as notification to the
161         seller
162         date_default_timezone_set(
163             'America/Anchorage');
164         $date = date('Y-m-d H:i:s');
165         $notif_data = array(
166             'userid' => $product->
167             userid,
168             'date_notification' =>
169             $date,
170             'description' =>
171             $notif_description,
172             'is_read' => 0,
173             'type' => 'product_disabled
174             ',
175         );
176
177         $this->notifications_model->
178         insert_notification(
179             $notif_data);
180
181         $this->product_model->
182         activate($product->id);
183     }
184
185     }
186
187     redirect('product/view_all');
188 }
```



```

185     $array = explode( '.', $files
186     [ 'name' ][ $i ]); 220
187     $extension = end($array); 221
188     $index_num = $i + 2; 222
189     $name = $prodid."-". 222
190     $index_num.".".$extension; 223
191     $config[ 'file_name' ] = $name; 223
192     ; 224
193     $_FILES[ 'other_files' ][ 'name' ][ $i ]; 225
194     $_FILES[ 'other_files' ][ 'type' ][ $i ]; 226
195     $_FILES[ 'other_files' ][ 'tmp_name' ] = $files[ 'tmp_name' ][ $i ]; 227
196     $_FILES[ 'other_files' ][ 'error' ] = $files[ 'error' ][ $i ]; 229
197     $_FILES[ 'other_files' ][ 'size' ] = $files[ 'size' ][ $i ]; 229
198     $this->upload->initialize( 230
199     $config);
200     if (! $this->upload->
201         do_upload( 'other_files' )) { 231
202         $this->product_model-> 232
203         delete_product_advertised( 232
204         $prodid);
205         $data[ 'prodcats' ] = $this->233
206         product_category_model-> 234
207         get_data();
208         $data[ 'adv_mess' ] = $this->
209         upload->display_errors();
210         $this->load->view( ' 235
211         templates/user_header' , $this
212         ->header_data());
213         $this->load->view( ' 236
214         advertise' , $data); 237
215         } 238
216         else {
217             $data = array(
218                 'prodid' => $prodid ,
219                 'name' => $name
220             );
221             $this->load->model( ' 241
222             upload_model' );
223             $this->upload_model->add( 243
224             $data);
225             }
226             }
227             }
228             }
229             }
230             }
231             }
232             }
233             }
234             }
235             }
236             }
237             }
238             }
239             public function
240             view_product_advertised(
241             $prodid) {
242             if (! ( $this->session->userdata (
243                 'username' ))) {
244                 redirect( 'home' );
245             }
246             $data[ 'other_images' ] = $this->
247             upload_model->get_uploads(
248             $prodid);
249             $data[ 'product_info' ] = $this->
250             product_model->
251             get_product_advertised( $prodid
252             );
253             $data[ 'prodcat' ] = $this->
254             product_category_model->
255             getName( $data[ 'product_info'
256             ]->prodcatid);
257             if ( $this->session->userdata (
258

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```

247     usertype') == 'admin') { 275     if ($this->form_validation->run
248         $this->load->view('templates/ 276         () == false) {
249             admin_header', $this-> 276             $data['prodcats'] = $this->
250                 header_data); 276             product_category_model->
251     } 277             get_data();
252     else { 277             $data['adv_mess'] =
253         $this->load->view('templates/ 278             validation_errors();
254             user_header', $this-> 278             $this->load->view('templates/
255                 header_data); 279             user_header', $this->
256     } 280             header_data);
257     $this->load->view( 279             $this->load->view('advertise',
258         'viewadvertised', $data); 280             $data);
259   } 281     }
260   public function advertise() { 282     else {
261       if ($this->session->userdata(' 283         $name = $this->input->post(
262           usertype') == 'admin' || ! 283             'name');
263           $this->session->userdata(' 284             $price = $this->input->post(
264               usertype')) { 284             'price');
265           redirect('home'); 285             $quantity = $this->input->post(
266       } 285             'qty');
267       $data['prodcats'] = $this-> 286             $description = $this->input->
268           product_category_model-> 287             post('description');
269           get_data(); 288             $prodcatid = $this->input->
270       $this->load->view('templates/ 289             post('category');
271           user_header', $this-> 290             $isTrad = 0;
272               header_data); 291             if ($this->input->post('isTrad
273       $this->load->view('advertise', 290             ') == 'yes') {
274           $data); 291             $isTrad = 1;
275     } 292             date_default_timezone_set(
276     public function 293             'America/Anchorage');
277         send_advertisement() { 294             $date = date('Y-m-d H:i:s');
278             $this->form_validation-> 295             $product_to_add = array(
279                 set_rules('name', 'Product Name', 296             'name' => $name,
280                 ', 'required'); 297             'quantity' => $quantity,
281                 $this->form_validation-> 298             'userid' => $this->session->
282                     set_rules('price', 'Price', , 299             userdata('userid'),
283                     required|integer'); 300             'prodcatid' => $prodcatid,
284             $this->form_validation-> 301             'price' => $price,
285                 set_rules('category', 'Product 302             'isTrad' => $isTrad,
286                 Category', 'required'); 303             'dateAdv' => $date,
287             $this->form_validation-> 304             'description' => $description
288                 set_rules('qty', 'Quantity', , 305             ,
289                     required|integer'); 306             'image' => '',
290             $this->form_validation-> 307             'isActive' => 'YES';
291                 set_rules('isTrad', 'Is 308             );
292                 Tradeable', 'required'); 309             $prodid = $this->product_model
293             $this->form_validation-> 310             ->insert_adv($product_to_add);
294                 set_rules('description', ' 311             //FOR MULTIPLE UPLOADS
295                 Description', 'required'); 312             if (!empty($_FILES['other_files
296             if (empty($_FILES['file1'][ 313             ][ 'name'][0])) {
297                 name'])) { 314             $number_of_files = sizeof(
298                 $this->form_validation-> 315             $_FILES['other_files'][ 'name
299                     set_rules('file1', 'Image', , 316             ']);
300                     required'); 317             $files = $_FILES['other_files
301             } 318             ];

```

```

312     for ($i = 0; $i <           345     }
313         $number_of_files; $i++) {   346
314         $this->load->library('upload') 347
315     );
316     $config['upload_path'] = '      348
317         assets/uploads';           349
318     $config['allowed_types'] = '    350
319         jpg|jpeg|png';
320     $array = explode('.', $files 351
321     ['name'][$i]);
322     $extension = end($array);    352
323     $index_num = $i + 2;        353
324     $name = $prodid.".".       354
325     $index_num.".". $extension; 355
326     $config['file_name'] = $name
327     ;
328     $_FILES['other_files'][ 'nam356
329     '] = $files['name'][$i];
330     $_FILES['other_files'][ 'type 357
331     '] = $files['type'][$i];
332     $_FILES['other_files'][ ' 358
333     tmp_name'] = $files['tmp_name
334     '][$i];
335     $_FILES['other_files'][ ' 359
336     error'] = $files['error'][$i];
337     $_FILES['other_files'][ 'size 360
338     '] = $files['size'][$i];
339     $this->upload->initialize( 361
340     $config);
341     if (!$this->upload-> 362
342     do_upload('other_files')) {
343         $this->product_model->
344         delete_product_advertised( 363
345             $prodid);
346         $data['prodcats'] = $this->
347         product_category_model->
348         get_data();           365
349         $data['adv_mess'] = $this->
350         upload->display_errors(); 366
351         $this->load->view('
352             templates/user_header', $this 367
353             ->header_data());          368
354         $this->load->view(' 369
355             advertise', $data);        370
356     }
357     else {
358         $data = array(
359             'prodid' => $prodid,
360             'name' => $name
361         );
362         $this->load->model(' 373
363             upload_model');
364         $this->upload_model->add( 374
365             $data);
366     }
367 }
```

```

368 //FOR UPLOADS
369 $this->load->library('upload')
370 ;
371 $config['upload_path'] = '      372
372         assets/uploads';           373
373     $config['allowed_types'] = '    374
374         jpg|jpeg|png';
375     $config['max_size'] = '5000';
376     $name = $prodid.'_'.$_FILES['file1
377     '][ 'name'];
378     $config['file_name'] = $name;
379     $this->upload->initialize(
380         $config);
381     if (!$this->upload->do_upload
382     ('file1')) {
383         $this->product_model->
384         delete_product_advertised(
385             $prodid);
386         $data['prodcats'] = $this->
387         product_category_model->
388         get_data();
389         $data['adv_mess'] = $this->
390         upload->display_errors();
391         $this->load->view('templates/
392             user_header', $this->
393             header_data());
394         $this->load->view('advertise
395             ', $data);
396     } else {
397         $filename = $name;
398         $this->product_model->
399         update_image_name($prodid,
400             $filename);
401         $adv_mess = "Product
402             successfully added on list of
403             advertisements";
404         $this->session->set_flashdata
405             ("adv_mess", $adv_mess);
406         redirect('product/
407             view_advertised');
408     }
409 }
```

```

410 public function view_advertised
411     () {
412     if ($this->session->userdata(
413         'usertype') == 'admin' || !
414         $this->session->userdata(
415             'usertype')) {
416         redirect('home');
417     }
418     $config = array();
419     $config['full_tag_open'] = '<ul
420         class="pagination">';
421     $config['full_tag_close'] = '
```

```

    = '</ul>';
378     $config[ 'first_link' ] = 406
379     false;
380     $config[ 'last_link' ] = 407
381     false;
382     $config[ 'first_tag_open' ]
383     = '<li>'; 408
384     $config[ 'first_tag_close' ]
385     ] = '</li>'; 409
386     $config[ 'prev_link' ] = '&#11
387     laquo'; 412
388     $config[ 'prev_tag_open' ]
389     = '<li class="prev">'; 413
390     $config[ 'prev_tag_close' ]
391     = '</li>'; 414
392     $config[ 'next_link' ] = '&#13
393     raquo'; 415
394     $config[ 'next_tag_open' ]
395     = '<li>'; 416
396     $config[ 'next_tag_close' ]
397     = '</li>'; 417
398     $config[ 'last_tag_open' ]
399     = '<li>'; 418
400     $config[ 'cur_tag_open' ]
401     '<li class="active"><a href="#">'; 419
402     $config[ 'cur_tag_close' ]
403     = '</a></li>'; 420
404     $config[ 'num_tag_open' ]
405     '<li>'; 421
406     $config[ 'num_tag_close' ]
407     = '</li>'; 422
408     $config[ "base_url" ] =
409     base_url() . "index.php/
410     product/view_advertised";
411     $config[ "total_rows" ] = 423
412     $this->product_model->
413     record_count($this->session->424
414     userdata('userid'))); 425
415     if ($config[ "total_rows" ] == 0) 426
416     {
417         $data[ 'no_records' ] = "No 427
418         records to show.";
419         $data[ 'prod_type' ] = "
420         advertised";
421         $this->load->view('templates/422
422         user_header', $this->
423         header_data); 424
424         $this->load->view(
425             'viewowned_advertised', $data);
426     }
427     else { 428
428         $config[ "per_page" ] = 6;
429         $page = ($this->uri->segment
430             (3)) ? $this->uri->segment(3)
431             :
432             0;
433         $config[ "uri_segment" ] = 3;
434         $choice = $config[ "total_rows"
435             ] / $config[ "per_page" ];
436         $config[ "num_links" ] = floor(
437             $choice);
438         $this->pagination->initialize(
439             $config);
440
441         $data[ "product_advs" ] = $this
442         ->product_model->
443         fetch_product_advertised($this
444             ->session->userdata('userid'),
445             $config[ "per_page" ], $page);
446         //echo $page;
447         $data[ "links" ] = $this->
448         pagination->create_links();
449         $data[ 'prod_type' ] = "
450         advertised";
451         $this->load->view('templates/
452         user_header', $this->
453         header_data);
454         $this->load->view(
455             'viewowned_advertised', $data);
456     }
457
458     public function
459     prior_list_advertised() {
460         $this->notifications_model->
461         update_notif_read($this->
462             session->userdata('userid'), "
463             product_deleted");
464         $this->notifications_model->
465         update_notif_read($this->
466             session->userdata('userid'), "
467             product_disabled");
468         redirect('product/
469             list_advertised');
470     }
471
472     public function list_advertised
473     () {
474         if ($this->session->userdata(
475             'usertype') == 'admin' || !
476             $this->session->userdata(
477                 'usertype')) {
478             redirect('home');
479         }
480         $this->notifications_model->
481         update_notif_read($this->
482             session->userdata('userid'), "
483             product_deleted");
484         $this->notifications_model->
485         update_notif_read($this->
486             session->userdata('userid'), "
487             product_disabled");
488     }
489 
```

```

433 $prodcats_name = array();      455 $this->load->view('templates/
434 $product_advs = $this->        header', $data);
435     product_model->get_advertised() 456 $this->load->view(
436     $this->session->userdata('        'home_viewproduct', $data);
437         userid')));                  457 $this->load->view('templates/
438 }                                     footer');
439 $data['prodcats_name'] =          458 }
440     $prodcats_name;
441 $this->load->view('templates/ 459 }
442     user_header', $this->        460 }
443         header_data);
444 $this->load->view('        461
445     product_advertised', $data); 462
446 }
447 public function view_product( 463
448     $prodid) {                  464
449     $data['other_images'] = $this-> 465
450         upload_model->get_uploads( 466
451             $prodid);                467
452     $data['product_info'] = $this-> 468
453         product_model->        469
454             get_product_advertised($prodid) 470
455         );                      471
456     $data['prodcat'] = $this-> 472
457         product_category_model-> 473
458             getName($data['product_info'] 474
459                 ]->prodcatid); 475
460     $data['same_prodcats'] = $this-> 476
461         product_model-> 477
462             get_same_prodcatid($data[ 478
463                 'product_info']->prodcatid); 479
464     $data['seller'] = $this-> 480
465         user_model->get_user($data[ 481
466                 'product_info']->userid); 482
467     $data['prodcats'] = $this-> 483
468         product_category_model-> 484
469             get_data(); 485
470     $data['is_traded'] = $this-> 486
471         trade_model->is_traded($this-> 487
472             session->userdata('userid'), 488
473                 $prodid); 489
474     if ($data['product_info']-> 490
475         quantity == 0) {            491
476         $data['buyer'] = $this-> 492
477             user_model->get_user($this-> 493
478                 product_bought_model-> 494
479                     get_buyer($data['product_info'] 495
480                         ]->id)); 496
481 }

```

Listing 11: Product\_Category.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class Product_category extends
6     MY_Controller {
7     function __construct() {
8         parent::__construct();
9         $this->init_user_header();
10    }
11   public function index() {
12       if (!$this->session->userdata('
13           username'))) {
14           redirect('home/login');
15       }
16       else {
17           $data['prod_cats'] = $this->
18               product_category_model->
19                   get_data();
20               $this->load->view('templates/
21                   admin_header', $this->
22                       header_data);
23               $this->load->view(
24                   'product_category', $data);
25   }
26   public function edit() {
27       if (empty($this->input->post(
28           'categories'))) {
29           $this->session->set_flashdata
30               ('prodcat_mess', 'Nothing has
31                   been chosen.');
32           redirect('product_category');
33       }
34       else {
35           $id = $this->input->post(
36               'categories');
37           $data['prodcat'] = $this->
38               product_category_model->
39                   get_category($id);
40               $this->load->view('templates/
41                   admin_header', $this->
42                       header_data);
43   }
44 }

```

```

31     $this->load->view('edit_product_category', $data);  

32 }  

33 }  

34  

35 public function edit_proper() {  

36     $this->form_validation->  

37         set_rules('name', 'Product  

38             Category Name', 'required');  

39         if ($this->form_validation->run()  

40             == false) {  

41             $this->session->set_flashdata  

42                 ('edit_err', 'Rename  

43                     unsuccessful. You did not  

44                     input the new name');  

45             redirect('product_category');  

46 }  

47 else {  

48     $newname = $this->input->post  

49                 ('name');  

50     $prodcatid = $this->input->  

51                 post('prodcatid');  

52     $this->product_category_model  

53         ->rename_category($newname,  

54                         $prodcatid);  

55     $this->session->set_flashdata  

56                 ('edit_success', 'Product  

57                     Category has been renamed  

58                     successfully!');  

59     redirect('product_category');  

60 }  

61  

62     $this->load->view('templates/  

63             admin_header', $this->  

64             header_data);  

65  

66     $this->load->view('add_product_category');  

67 }  

68  

69     $this->form_validation->  

70         set_rules('name', 'Product  

71             Category Name', 'required |  

72                 is_unique[product_category.  

73                     name]');  

74         if ($this->form_validation->run()  

75             == false) {  

76             $data['prodcat_message'] =  

77                 validation_errors();  

78             $this->load->view('templates/  

79                 admin_header', $this->  

80                     header_data);  

81             $this->load->view('add_product_category', $data);  

82 }  

83  

84     $name = $this->input->post('name');  

85     $name_to_add = array('name' =>  

86             $name);  

87     $this->product_category_model  

88         ->insert($name_to_add);  

89     $data['prodcats'] = $this->  

90             product_category_model->  

91                 get_data();  

92     $data['prodcat_message'] = "Product Category has been  

93                     successfully added.";  

94     $this->load->view('templates/  

95             admin_header', $this->  

96                 header_data);  

97     $this->load->view('product_category', $data);  

98 }

```

Listing 12: Product\_transaction.php

```

1 <?php  

2 if (!defined('BASEPATH'))  

3     exit('No direct script access  

4         allowed');  

5 class Product_transaction extends  

6     MY_Controller {  

7     function __construct() {  

8         parent::__construct();  

9         $this->init_user_header();  

10    }  

11  

12    public function view_transaction  

13        ($transaction_id) {  

14        if (!$this->session->userdata('username')) {  

15            redirect('home/login');  

16        }  

17        $prodid = $this->  

18            product_transaction_model->  

19                get_product_id($transaction_id);  

20        $data['other_images'] = $this->  

21            upload_model->get_uploads($prodid);  

22        $data['product_info'] = $this->  

23            product_model->  

24                get_product_advertised($prodid);  

25        $data['transaction_info'] =  

26            $this->  

27                product_transaction_model->  

28                    get_product_transaction(

```

```

    $transaction_id);
20  $data[ 'prodcat' ] = $this->
    product_category_model->        46
    getName($data[ 'product_info' ]
    ]->prodcatid);                  47
21  $data[ 'buyer_id' ] = $this->
    product_transaction_model->
    get_buyer_id($transaction_id);
22  $data[ 'seller_id' ] = $this->
    product_transaction_model->     48
    get_seller_id($transaction_id)49
    ;
23  $data[ 'buyer' ] = $this->
    user_model->get_user_name(
    $data[ 'buyer_id' ]);            50
24  $data[ 'seller' ] = $this->
    user_model->get_user_name(
    $data[ 'seller_id' ]);           51
25  $this->load->view('templates/
    user_header', $this->
    header_data);                   52
26  $this->load->view('viewproduct
    ', $data);
27  }                                53
28                                         54
29  public function edit_sold_status
    () {
30  $mess = "";
31  if(empty($this->input->post(
    'sold_prod'))) {               55
32  $this->session->set_flashdata
    ("edit_sold_status_message_no
    ", "Nothing has been selected 56
    .");
33  redirect("product_transaction/
    list_sold");                   57
34  }
35  else {                            58
36  $sold_prod = $this->input->      59
    post('sold_prod');
37  if($this->input->post('submit
    ') == 'Yes') {
38    //paid product
39    $this->
        product_transaction_model->   60
        mark_paid($sold_prod);        61
40    $this->
        product_transaction_model->   62
        mark_paid_score($sold_prod);  63
41    $userid = $this->
        product_transaction_model->   64
        get_buyer_id($sold_prod);     65
42    //credibility
43    $ratings = array();             66
44    $seller_id = $this->session->
        userdata('userid');          67
45    $buyer_ids = $this->
        product_transaction_model->  68
                                         69
get_transaction_paid_nameids(
    $seller_id);
foreach($buyer_ids as
$buyerid) {
    array_push($ratings, $this->
    product_transaction_model->
    get_rating_by_buyer($this->
    session->userdata('userid'),
    $buyerid->buyer_id));
}
//new credibility only if it '
s the first time the seller
had a transaction with this
buyer.
$get_ratings = $this->
product_transaction_model->
get_ratings($userid, $this->
session->userdata('userid'));
if(sizeof($get_ratings) == 1)
{
    $this->user_model->
    new_credibility($seller_id,
    $ratings);
}
$product_name = $this->
product_model->
get_product_name($this->
product_transaction_model->
get_product_id($sold_prod));
$mess = "Product transaction
has been successfully marked
as paid.";
$userid = $this->
product_transaction_model->
get_buyer_id($sold_prod);
$date_default_timezone_set(
    America/Anchorage');
$date = date('Y-m-d H:i:s');
$description = "Product
transaction for ".
$product_name. " has been
marked as paid. You might want
to rate the seller.";
$notif_data = array(
    'userid' => $userid,
    'description' =>
$description,
    'is_read' => 0,
    'date_notification' => $date
    ,
    'type' => 'transaction_decision'
);
$this->notifications_model->
insert_notification(
    $notif_data);
}
else {

```

```

70     //cancelled product          96
71     $qty = $this->           97     public function buy() {
72     product_transaction_model-> 98         $quantity_bought = $this->input
73     get_quantity($sold_prod);    99         ->post('quantity');
74     $prodid = $this->           100        $product_bought_id = $this->
75     product_transaction_model-> input->post('prodid');
76     get_product_id($sold_prod); 101        $buyer_id = $this->session->
77     $quantity_available = $this-> 102        userdata('userid');
78     product_model->get_quantity(101);
79     $prodid);                  102
80     $this->product_model->      103
81     add_quantity($prodid,       103
82     $quantity_available, $qty); 104
83     $mess = "Product transaction 104
84     has been successfully      105
85     cancelled.";              105
86     //insert as notification to 106
87     the buyer                   106
88     $product_name = $this->      107
89     product_model->            107
90     get_product_name($this->      108
91     product_transaction_model-> 108
92     get_product_id($sold_prod)); 108
93     $userid = $this->           109
94     product_transaction_model-> 109
95     get_buyer_id($sold_prod);   110
96     date_default_timezone_set(' 110
97     America/Anchorage');       111
98     $date = date('Y-m-d H:i:s'); 111
99     $description = "Product      111
100    transaction for ".        111
101    $product_name." has been    111
102    cancelled.";              111
103    $notif_data = array(        112
104        'userid' => $userid,    112
105        'description' =>      113
106        $description,          113
107        'is_read' => 0,         114
108        'date_notification' => 114
109        $date,                 114
110        'type' =>               115
111        transaction_decision, 115
112        );                   116
113        $this->notifications_model-> 116
114        insert_notification(    116
115        $notif_data);          116
116        $this->                117
117        product_transaction_model-> 117
118        delete_transaction($sold_prod) 117
119        ;                      118
120        }                      119
121        $this->                120
122        product_transaction_model-> 120
123        set_flashdata("edit_sold_status_message", $mess); 120
124        redirect("product_transaction/list_sold");           124

```

```

125 $date = date( 'Y-m-d H:i:s' );    157
126 $notif_data = array(
127     'userid' => $seller_id ,      158
128     'description' => $description , 159
129     'is_read' => 0,             159
130     'date_notification' => $date , 159
131     'type' => 'transaction' ,   160
132 );                                160
133 $this->notifications_model-> 161
134     insert_notification(        161
135         $notif_data);          161
136 $bought_success = "Product       162
137     successfully bought! Please 162
138     pay the price to the seller 163
139     as soon as possible. Thank you 164
140     for buying :)" ;           164
141 if($quantity_bought > 1) {        165
142     $bought_success =           165
143         "$quantity_bought." products 165
144         successfully bought! Please 165
145         pay the price to the seller 165
146         as soon as possible. Thank you 165
147         for buying :)" ;           165
148 }                                166
149 $this->session->set_flashdata('167
150     bought_success' ,           167
151     $bought_success);           168
152 redirect('product_transaction/ 169
153     view_bought');           169
154 }                                170
155
156 public function view_bought() { 171
157     $config = array();           171
158     $config[ 'full_tag_open' ] = '<ul 172
159         class="pagination">;       172
160         $config[ 'full_tag_close' ]= '</ul>;       173
161         $config[ 'first_link' ] = 173
162             false;                 173
163             $config[ 'last_link' ] = 176
164             false;                 176
165             $config[ 'first_tag_open' ]= '<li>;       177
166             $config[ 'first_tag_close']= '</li>;       177
167             $config[ 'prev_link' ] = 179
168                 '&laquo';           179
169             $config[ 'prev_tag_open' ]= '<li 181
170                 class="prev">;       181
171                 $config[ 'prev_tag_close']= '</li>;       182
172                 $config[ 'next_link' ] = 183
173                     '&raquo';           183
174                 $config[ 'next_tag_open' ]= '<li 184
175                     ;           184
176                 $config[ 'next_tag_close']= '</li>;       185

```

\$config[ 'last\_tag\_open' ]  
= '<li>;  
 \$config[ 'last\_tag\_close' ]  
= '</li>;  
 \$config[ 'cur\_tag\_open' ] =  
'<li class="active"><a href="#">;  
 \$config[ 'cur\_tag\_close' ]  
= '</a></li>;  
 \$config[ 'num\_tag\_open' ] =  
'<li>;  
 \$config[ 'num\_tag\_close' ]  
= '</li>;

\$config["base\_url"] = base\_url()  
() . "index.php/  
product\_transaction/  
view\_bought";  
 \$config["total\_rows"] =  
\$this->  
product\_transaction\_model->  
record\_count\_bought(\$this->  
session->userdata('userid'));

if (\$config["total\_rows"] == 0)  
{  
 \$data[ 'no\_records' ] = "No  
records to show.";  
 \$data[ 'prod\_type' ] = "bought";  
 \$this->load->view('templates/  
user\_header' , \$this->  
header\_data);  
 \$this->load->view('  
viewowned\_bought' , \$data);  
}  
else {  
 \$config[ "per\_page" ] = 6;  
 \$page = (\$this->uri->segment  
(3)) ? \$this->uri->segment(3)  
: 0;  
 \$config[ "uri\_segment" ] = 3;  
 \$choice = \$config[ "total\_rows" ] / \$config[ "per\_page" ];  
 \$config[ "num\_links" ] = floor( \$choice );  
  
 \$this->pagination->initialize( \$config );  
  
 \$data[ "product\_advs" ] = \$this->  
product\_transaction\_model->  
fetch\_product\_bought(\$this->  
session->userdata('userid') ,  
\$config[ "per\_page" ] , \$page);  
 \$data[ "links" ] = \$this->  
pagination->create\_links();  
  
 \$data[ 'prod\_type' ] = "bought";

```

186 $prod_names = array();           217
187 $prod_prices = array();          217
188 $prod_images = array();          218
189 foreach($data["product_advs"] 218
190 as $prod) {
191     array_push($prod_names, $this
192     ->product_model->           219
193         get_product_name($prod->
194             product_id));           220
195     array_push($prod_prices, $this
196     ->product_model->           221
197         get_product_price($prod->
198             product_id));           222
199     array_push($prod_images, $this
200     ->product_model->get_image(
201         $prod->product_id));      223
202 }
203 $data['prod_names'] =           224
204     $prod_names;
205 $data['prod_prices'] =           224
206     $prod_prices;
207 $data['prod_images'] =           225
208     $prod_images;
209
210 public function view_sold() {    230
211     $config = array();
212     $config['full_tag_open'] = '<u231
213         class="pagination">';       232
214     $config['full_tag_close'] = '</ul>';        233
215     $config['first_link'] =      234
216         false;
217     $config['last_link'] =       235
218         false;
219     $config['first_tag_open'] =  236
220         '<li>';
221     $config['first_tag_close'] = '</li>';        237
222     $config['prev_link'] =      238
223         '&laquo';
224     $config['prev_tag_open'] =   239
225         '<li class="prev">';        240
226     $config['prev_tag_close'] =  '</li>';        241
227     $config['next_link'] =      242
228         '&raquo';
229     $config['next_tag_open'] =   243
230         '<li>';                  244
231     $config['next_tag_close'] =  '</li>';        245
232     $config['last_tag_open'] =   245
233         '<li>';

= '<li>';
= $config['last_tag_close']
= '</li>';
= $config['cur_tag-open'] =
'<li class="active"><a href="#">';
= $config['cur_tag-close']
= '</a></li>';
= $config['num_tag-open'] =
'<li>';
= $config['num_tag-close']
= '</li>';

$config["base_url"] = base_url()
() . "index.php/
product_transaction/view_sold";
$config["total_rows"] =
$this->
product_transaction_model->
record_count_sold($this->
session->userdata('userid'));

if ($config["total_rows"] == 0)
{
    $data['no_records'] = "No
records to show.";
    $data['prod_type'] = "sold";
    $this->load->view('templates/
user_header', $this->
header_data);
    $this->load->view(
        'viewowned_bought', $data);
}
else {
    $config["per-page"] = 6;
    $page = ($this->uri->segment
(3)) ? $this->uri->segment(3)
: 0;
    $config["uri_segment"] = 3;
    $choice = $config["total_rows"]
/ $config["per-page"];
    $config["num_links"] = floor(
$choice);

$this->pagination->initialize(
$config);

$data["product_advs"] = $this
->product_transaction_model->
fetch_product_sold($this->
session->userdata('userid'),
$config["per-page"], $page);
$data["links"] = $this->
pagination->create_links();

$data['prod_type'] = "sold";
$prod_names = array();

```

```

246     $prod_prices = array();
247     $prod_images = array();
248     foreach($data["product_advs"])
249         as $prod) { 276
250             array_push($prod_names, $this
251                 ->product_model->
252                     get_product_name($prod->
253                         product_id)); 277
254             array_push($prod_prices, $this
255                 ->product_model->
256                     get_product_price($prod->
257                         product_id));
258             array_push($prod_images, $this
259                 ->product_model->get_image( 278
260                     $prod->product_id)); 279
261         }
262         $data['prod_names'] = 280
263             $prod_names;
264         $data['prod_prices'] = 281
265             $prod_prices;
266         $data['prod_images'] = 282
267             $prod_images;
268         $this->load->view('templates/
269             user_header', $this->
270                 header_data);
271         $this->load->view(
272             'viewowned_sold', $data);
273     }
274     public function
275         prior_list_bought() {
276             $this->notifications_model->
277                 update_notif_read($this->
278                     session->userdata('userid'), "
279                         transaction_decision");
280             redirect('product_transaction/
281                 list_bought');
282         }
283     public function list_bought() { 284
284         $prodcats_name = array();
285         $prod_names = array();
286         $prod_prices = array();
287         $prod_sellers = array();
288         $products_bought = $this->
289             product_transaction_model->
290                 get_bought_product($this->
291                     session->userdata('userid')); 292
292         $data['products_bought'] =
293             $products_bought; 294
294         foreach($products_bought as
295             $product_bought) { 300
296             array_push($prod_names, $this->
297                 product_model->
298                     get_product_name(
299                         $product_bought->product_id)); 301
301         array_push($prod_prices, $this
302             ->product_model->
303                 get_product_price(
304                     $product_bought->product_id));
305         array_push($prod_sellers, $this
306             ->product_model->
307                 get_product_seller(
308                     $product_bought->product_id));
309         $data['prodcats_name'] =
310             $prodcats_name;
311         $data['product_names'] =
312             $prod_names;
313         $data['product_prices'] =
314             $prod_prices;
315         $data['product_sellers'] =
316             $prod_sellers;
317         $this->load->view('templates/
318             user_header', $this->
319                 header_data);
320         $this->load->view(
321             'product_bought', $data);
322     }
323     public function prior_list_sold
324         () {
325         $this->notifications_model->
326             update_notif_read($this->
327                 session->userdata('userid'), "
328                     transaction");
329         redirect('product_transaction/
330             list_sold');
331     }
332     public function list_sold() {
333         $prodcats_name = array();
334         $prod_names = array();
335         $prod_prices = array();
336         $prod_buyers = array();
337         $products_sold = $this->
338             product_transaction_model->
339                 get_sold_product($this->
340                     session->userdata('userid'));
341         $data['products_sold'] =
342             $products_sold;
343         foreach($products_sold as
344             $product_sold) {
345             array_push($prod_names, $this->
346                 product_model->
347                     get_product_name($product_sold
348                         ->product_id));
349             array_push($prod_prices, $this
350                 ->product_model->
351                     get_product_price($product_sold
352                         ->product_id));
353         }
354     }

```

```

get_product_price(          15
    $product_sold->product_id));
array_push($prod_buyers,$this
->user_model->get_user_name( 16
    $this->
    product_transaction_model-> 17
    get_buyer_id($product_sold->id
    ))));
array_push($prodcats_name,   18
    $this->product_category_model
->getName($this->product_model
->get_prodcatid($product_sold 19
->product_id)));
}
$data[ 'prodcats_name' ] =      20
    $prodcats_name;
$data[ 'product_names' ] =      21
    $prod_names;
$data[ 'product_prices' ] =     22
    $prod_prices;
$data[ 'product_buyers' ] =      23
    $prod_buyers;
$this->load->view('templates/
    user_header', $this->
    header_data);                  25
$this->load->view('product_sold
    ', $data);                      26
}
if ($this->form_validation->
    run() == false) {
    $data[ 'register_error' ] =
        validation_errors();
    $this->load->view('templates/
        header');
    $this->load->view('register',
        $data);
}

```

Listing 13: Register.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5
6 class Register extends
7     CI_Controller {
8     function __construct() {
9         parent::__construct();
10    }
11
12    public function index() {
13        $this->form_validation->
14            set_rules('email', 'Email
15            Address', 'required|
16            valid_email');
17        $this->form_validation->
18            set_rules('upmid', 'UPM ID',
19            'required');
20        $this->form_validation->
21            set_rules('college', 'College
22            ', 'required');
23        $this->form_validation->
24            set_rules('contactNum', 'Contact
25            Number', 'required|
26            integer');
27
28    }
29
30    else {
31        $email = $this->input->post(
32            'email');
33        $upmid = $this->input->post(
34            'upmid');
35        $college = $this->input->post(
36            'college');
37        $contactNum = $this->input->
38            post('contactNum');
39        $isInd = $this->input->post(
40            'isInd');
41
42        $fName = $mName = $lName =
43            $orgName = '';
44        date_default_timezone_set(
45            'America/Anchorage');
46        $date = date('Y-m-d H:i:s');
47        if ($isInd == 'yes') {
48            $fName = $this->input->post(
49                'fName');
50            $mName = $this->input->post(
51                'mName');
52            $lName = $this->input->post(
53                'lName');
54            $isInd = 1;
55        }
56    }
57
58}

```

```

45  else if ($isInd == 'no') {      3   exit('No direct script access
46    $orgName = $this->input->post 4   allowed');
47    ($'orgName');                  5 class Request extends
48    $isInd = 0;                   6   MY_Controller {
49    $acctreq_data = array(          7     function __construct() {
50      'dateAcctReq' => $date,        8       parent::__construct();
51      'email' => $email,           9       $this->load->library('email');
52      'upmid' => $upmid,           10      $this->load->library('parser');
53      'college' => $college,        11      $this->init_user_header();
54      'contactNum' => $contactNum, 12    }
55      'isInd' => $isInd,           13
56      'fName' => $fName,            14  public function hi() {
57      'mName' => $mName,             15  echo md5('3TaFI');
58      'lName' => $lName,             16  }
59      'orgName' => $orgName        17
60    );
61    $this->acctreq_model->        18  public function manage_request()
62      insert_data($acctreq_data);   19  {
63    $mess = "Your account request 20  $prodreqs = $this->input->post
64    has reached the System        21  ('prodreqs');
65    Administrator. Just check your22  if(empty($prodreqs)) {
66    email for your login        23  $prodreq_message_no = "Nothing
67    credentials.";              24  has been selected.";
68    $this->session->set_flashdata 25  $this->session->set_flashdata
69    ("register_success", $mess);  26  ('prodreq_message_no',
70    //send as notification to      27  $prodreq_message_no);
71    admin                         28
72    date_default_timezone_set('    29
73      America/Anchorage');       30
74    $date = date('Y-m-d H:i:s');   31
75    $notif_description = "New    32
76    account request from ". $email; 33
77    $notif_data = array(          34
78      'userid' => 1,             35
79      'date_notification' => $date, 36
80      'description' =>          37
81      $notif_description,         38
82      'is_read' => 0,            39
83      'type' => ',               40
84      new_account_requests',     41
85    );                          42
86    $this->notifications_model->
87      insert_notification(        43
88        $notif_data);            44
89    redirect('home/register');    45
90  }                            46
91 }                            47
92 }                            48
93 }                            49

```

Listing 14: Request.php

```

1 <?php
2 if (!defined('BASEPATH'))

```

```

43     $this->session->
44         set_flashdata("prodreq_message_err", "Deleting failed. Email could
45             not be sent due to internet
46             connectivity problems. Please
47             make sure that you are
48             connected to the internet.");
49             redirect('request/
50                 product_requests');
51             }
52             }
53             else {
54                 //notify registered user
55                 date_default_timezone_set('America/Anchorage');
56                 $date = date('Y-m-d H:i:s');
57                 $notif_description = "Your
58                     product request ".$req->
59                     prodName." has been deleted
60                     by the System Administrator";
61                 $notif_data = array(
62                     'userid' => $req->userid,
63                     'date_notification' => $date
64                     ,
65                     'description' =>
66                     $notif_description,
67                     'is_read' => 0,
68                     'type' =>
69                     'product_request_deleted',
70                     );
71                 $this->notifications_model->
72                     insert_notification(
73                         $notif_data);
74             }
75             $file = $req->image;
76             $path = './assets/uploads/';
77             $file;
78             unlink($path);
79             $this->request_model->
80                 delete_request($prodreqs);
81             $prodreq_message = "Product
82             request has been deleted. The
83             user has been notified of this
84             action.";
85             }
86             }
87             }
88             }
89             }
90             }
91             }
92             public function
93                 product_requests_grid() {
94                 $config = array();
95                 $config['full_tag_open'] = '<ul
96                     class="pagination">';
97                     $config['full_tag_close'] =
98                         '</ul>';
99                     $config['first_link'] =
100                         false;
101                     $config['last_link'] =
102                         false;
103                     $config['first_tag_open'] =
104                         '<li>';
105                         $config['first_tag_close'] =
106                             '</li>';
107                             $config['prev_link'] = '&
108                             laquo';
109                             $config['prev_tag_open'] =
110                                 '<li class="prev">';
111                                 $config['prev_tag_close'] =
112                                     '</li>';
113                                     $config['next_link'] = '&
114                                     raquo';
115                                     $config['next_tag_open'] =

```

```

= '<li >'; 134
105     $config [ 'next_tag_close' ]
= '</li >'; 135
106     $config [ 'last_tag_open' ] 136
= '<li >'; 136
107     $config [ 'last_tag_close' ] 137
= '</li >'; 137
108     $config [ 'cur_tag_open' ] =
'<li class="active"><a href 138
=" #' >'; 139
109     $config [ 'cur_tag_close' ]
= '</a></li >'; 140
110     $config [ 'num_tag_open' ] 141
'<li >'; 142
111     $config [ 'num_tag_close' ] 143
= '</li >'; 144
112
113     $config [ "base_url" ] =
base_url() . "index.php/
product/view_advertised";
114     $config [ "total_rows" ] = 145
$this->request_model->
record_count_all(); 146
115 if ($config [ "total_rows" ] == 0)
{
116     $data [ 'no_records' ] = "No 147
records to show."; 148
117     $data [ 'prod_type' ] = " 149
advertised";
118     $this->load->view('templates/
user_header', $this-> 150
header_data); 151
119     $this->load->view(
    'viewowned_advertised', $data); 152
120 }
121 else { 154
122     $config [ "per_page" ] = 6; 155
123     $page = ($this->uri->segment 156
(3)) ? $this->uri->segment(3)
: 0; 157
124     $config [ "uri_segment" ] = 3;
125     $choice = $config [ "total_rows"
"] / $config [ "per_page" ]; 158
126     $config [ "num_links" ] = floor(
$choice);
127
128     $this->pagination->initialize(159
$config);
129
130     $data [ "product_requests" ] =
$this->request_model-> 160
fetch_product_request_all( 161
$config [ "per_page" ], $page);
131
132     $data [ "links" ] = $this-> 162
pagination->create_links();
133     if ($this->session->userdata( 163
'usertype') == 'admin') {
        $this->load->view('templates/
admin_header', $this->
header_data);
    }
    else {
        $this->load->view('templates/
user_header', $this->
header_data);
    }
    $this->load->view(
    'view_requests_grid', $data);
}
public function view_request(
$request_id) {
$data [ 'prodreq' ] = $this->
request_model->
get_product_request(
$request_id);
if ($this->session->userdata( 145
'usertype') == 'admin') {
    $this->load->view('templates/
admin_header', $this->
header_data);
}
else {
    $this->load->view('templates/
user_header', $this->
header_data);
}
$this->load->view('view_request
', $data);
}
}
public function send_request() {
if (!$this->session->userdata( 145
'userid')) {
    $this->form_validation->
set_rules('name', 'Name', ' 156
required');
    $this->form_validation->
set_rules('email', 'Email 157
Address', 'required|valid_email
');
    $this->form_validation->
set_rules('contactNum', ' 158
Contact Number', 'required|
integer');
}
$this->form_validation->
set_rules('prodName', 'Product 159
Name', 'required');
$this->form_validation->
set_rules('prodcat', 'Product 160
Category', 'required');
$this->form_validation->

```

```

        set_rules('description', ' 199
Product Description', 'required');
164 if (empty($_FILES['request_file'][ 'name'])) { 200
165 $this->form_validation-> 201
set_rules('request_file', ' 202
Image', 'required');
166 } 204
167 if ($this->form_validation->run() == false) { 205
168 $data['prodcats'] = $this-> 206
product_category_model-> 207
get_data(); 208
169 $data['error_mess'] = 209
validation_errors(); 209
170 $this->load->view('templates/ 210
header'); 210
171 $this->load->view('request', 211
$data); 212
172 }
173 else { 213
174 $userid = 0; 214
175 if($this->session->userdata( 215
'userid')) { 215
176 $userid = $this->session-> 216
userdata('userid'); 216
177 $user = $this->user_model-> 217
get_user($userid); 217
178 $user_name = $user->name; 218
179 $email = $user->email; 219
180 $contactNum = $user-> 219
contactNum;
181 } 220
182 else { 221
183 $user_name = $this->input-> 221
post('name'); 221
184 $email = $this->input->post(' 222
email'); 222
185 $contactNum = $this->input-> 222
post('contactNum'); 222
186 }
187 $prodName = $this->input->pos 223
('prodName'); 224
188 $prodCat = $this->input->post 225
('prodcat'); 225
189 $description = $this->input-> 226
post('description'); 226
190 date_default_timezone_set(' 227
America/Anchorage'); 227
191 $date = date('Y-m-d H:i:s'); 228
192 $to_add = array( 229
'userid' => $userid, 230
'name' => $user_name, 231
'date_request' => $date, 231
'email' => $email, 232
'contactNum' => $contactNum, 233
'prodName' => $prodName,
193 'prodCat' => $prodCat, 233
'prod_description' => 233
$description, 233
'image' => "" 233
);
194 $request_id = $this-> 234
request_model->insert_request( 234
$to_add);

//FOR UPLOADS
$config['upload_path'] = ' 235
assets/uploads';
$config['overwrite'] = TRUE;
$config['allowed_types'] = ' 236
jpg|jpeg|png';
$config['max_size'] = '5000';
$array = explode('.', $_FILES[ 237
'request_file'][ 'name']); 237
$extension = end($array);
$name = "request-". $request_id 238
. "." . $extension;
$config['file_name'] = $name;
$this->load->library('upload', 239
$config);
if (!$this->upload->do_upload 240
('request_file')) {
echo $this->upload-> 241
display_errors();
}

$this->request_model-> 242
update_image_name($request_id, 242
$name);

$prodreq_success = "Your 243
product request has reached 243
the System. Just browse the 243
products if your request has 243
been made available.";
$this->session->set_flashdata 244
("prodreq_success", 244
$prodreq_success);

//notify admin
date_default_timezone_set(' 245
America/Anchorage');
$date = date('Y-m-d H:i:s');
$notif_description = "New 246
product request ". $prodName. " 246
by ". $user_name;
$notif_data = array( 247
'userid' => 1, 247
'date_notification' => $date, 247
'description' => 247
$notif_description, 247
'is_read' => 0, 247
'type' => 247
'new_product_requests' 247
);

```

```

234 );
235 $this->notifications_model->
236 insert_notification(
237     $notif_data);
238 }
239 }
240
241 }

    Listing 15: Search.php

1 <?php
2 if (!defined('BASEPATH'))
3     exit ('No direct script access
4         allowed');
5 class Search extends
6     MY_Controller {
7     function __construct() {
8         parent::__construct();
9     $this->init_user_header();
10    }
11
12 public function index() {
13     $term = $this->input->post (
14         'term');
15     $data[ 'registered_accts' ] =
16         $this->search_model->
17             search_user($term);
18     if(sizeof($data[
19         'registered_accts']) == 1) {
20         redirect ('user/view_user /'.
21             $data[ registered_accts][0]->id
22         );
23     }
24     $data[ 'username' ] = $this->
25         session->userdata ('username');
26     if($this->session->userdata (
27         'usertype') == 'admin') {
28         $this->load->view ('templates/
29             admin_header', $this->
30                 header_data);
31     } else {
32         $this->load->view ('templates/
33             user_header', $this->
34                 header_data);
35     }
36     $this->load->view (
37         'search_results', $data);
38 }
39
40 public function search_products
41     () {
42     $term = $this->input->post (
43         'term');
44
45     if($term != null) {
46         $this->session->set_userdata (
47             'search_term', $term);
48     }
49     if($term == null) {
50         $term = $this->session->
51             userdata ('search_term');
52     }
53     $config = array ();
54     $config [ 'full_tag_open' ] = '<ul
55         class="pagination">';
56     $config [ 'full_tag_close' ] =
57         '</ul>';
58     $config [ 'first_link' ] =
59         false;
60     $config [ 'last_link' ] =
61         false;
62     $config [ 'first_tag_open' ] =
63         '<li >';
64     $config [ 'first_tag_close' ] =
65         '</li >';
66     $config [ 'prev_link' ] = '&
67         laquo';
68     $config [ 'prev_tag_open' ] =
69         '<li class="prev">';
70     $config [ 'prev_tag_close' ] =
71         '</li >';
72     $config [ 'next_link' ] = '&
73         raquo';
74     $config [ 'next_tag_open' ] =
75         '<li >';
76     $config [ 'next_tag_close' ] =
77         '</li >';
78     $config [ 'last_tag_open' ] =
79         '<li >';
80     $config [ 'last_tag_close' ] =
81         '</li >';
82     $config [ 'cur_tag_open' ] =
83         '<li class="active"><a href
84            ="#">';
85     $config [ 'cur_tag_close' ] =
86         '</a></li >';
87     $config [ 'num_tag_open' ] =
88         '<li >';
89     $config [ 'num_tag_close' ] =
90         '</li >';
91     $config [ "base_url" ] = base_url
92         () . "index.php/search/
93             search_products";
94     $config [ "total_rows" ] =
95         $this->search_model->
96             record_count($term);
97     if($config [ "total_rows" ] == 0)
98     {
99         $data[ 'no_records' ] = "No
100             records to show.";
101     }
102     $this->load->view ('templates/
103             header');

```

Listing 16: Trade.php

```

1 <?php                                         38
2 if (!defined('BASEPATH'))                  39
3     exit('No direct script access        40
4     allowed');                           41
5 class Trade extends MY_Controller {        42
6 }                                         43
7     function __construct() {               44
8         parent::__construct();           45
9         $this->init_user_header();      46
10    if (!$this->session->userdata('
11        usertype')) {
12        redirect('home');             47
13    }
14 }
15
16     $dateTransaction => $date,
17     'transaction_type' => 'TRADE
18     ,
19     'trade_id' => $tradereq_id,
20     'status' => 'UNPAID'
21 );
22
23     $transaction_id = $this->
24     product_transaction_model->
25     insert($trade_data);
26     $product_name = $this->
27     product_model->
28     get_product_name($prodid);
29     $notif_description = "Your
30     trade request for ".
31 
```

```

$product_name." has been
approved." ;
47   $notif_data = array(
48     'userid' => $buyer_id , 75
49     'date_notification' => $date 76
50     , 77
51     'description' =>
52     $notif_description , 78
53     'is_read' => 0 ,
54     'type' => 'trade_decision ' 79
55   );
56   $this->notifications_model-> 81
57   insert_notification( 82
58   $notif_data);
59   $this->session->set_flashdata
60   ('trade_approve' , 'Product has83
61   been successfully sold via
62   trade. The buyer has been 84
63   notified of this transaction
64   .');
65   redirect('product_transaction85
66   /view_sold ');
67 }

68 else { 87
69   $this->form_validation->
70   set_rules('reason' , 'Reason' , ,
71   required );
72   if ($this->form_validation->
73   run() == false) {
74     $this->session-> 89
75     set_flashdata('no_reason' , ,
76     Disapproving trade request
77     failed. Please input the
78     reason.');
79     redirect('trade/ 91
80     view_trade_seller ');
81   }
82   else { 93
83     $tradereq_id = $this->input
84     ->post('trade_reqs ');
85     $prodid = $this->trade_model95
86     ->get_product_id($tradereq_id )
87     ;
88     $buyer_id = $this-> 96
89     trade_model->get_buyer_id( 97
90     $tradereq_id );
91     $seller_id = $this->
92     trade_model->get_seller_id( 98
93     $tradereq_id );
94     date_default_timezone_set(' 99
95     America/Anchorage ');
96     $date = date('Y-m-d H:i:s ') 101
97     //add as a notification 102
98     $product_name = $this-> 103
99     product_model->
100     get_product_name($prodid );
101     $notif_description = "Your 106
102     trade request for ".
103     $product_name." has been
104     rejected ";
105   }
106 }

107 $notif_data = array(
108   'userid' => $buyer_id ,
109   'date_notification' =>
110   $date ,
111   'description' =>
112   $notif_description ,
113   'is_read' => 0 ,
114   'type' => 'trade_decision '
115 );
116 $this->notifications_model->
117   insert_notification(
118   $notif_data);
119 //Update status of trade
120 //request to disapproved
121 $this->trade_model->
122   disapprove_trade($tradereq_id )
123 ;

124 //Message buyer the reason
125 why trade request has been
126 disapproved
127 $receiver_id = $this->
128   trade_model->get_buyer_id(
129   $tradereq_id );
130 $sender_id = $this->
131   trade_model->get_seller_id(
132   $tradereq_id );
133 $convo_id = $this->
134   conversation_model->
135   get_conversation_id(
136   $receiver_id , $sender_id );
137 if ($convo_id == 0) {
138   $to_add = array(
139     'first_user_id' =>
140     $receiver_id ,
141     'second_user_id' =>
142     $sender_id
143   );
144   $convo_id = $this->
145   conversation_model->
146   create_conversation($to_add );
147 }

148 $content = "TRADE REQUEST
149 DISAPPROVED:" . $this->input->
150 post('reason ');
151 date_default_timezone_set(
152   'America/Anchorage ');
153 $date = date('Y-m-d H:i:s ');
154 $to_add = array(
155   'convo_id' => $convo_id ,
156   'date_message' => $date ,
157   'sender_id' => $sender_id ,
158   'content' => $content
159 );
160 $this->message_model->

```

```

107 insert_message($to_add); 138
108 //for message notifications
109 $unread = $this->
110 message_notifications_model->get_unread($receiver_id,
111 $convo_id); 140
112 if ($unread == -1) {
113     $to_add = array(
114         'userid' => $receiver_id, 141
115         'conversation_id' => 142
116         $convo_id,
117         'unread_messages' => 1 143
118     );
119     $this-> 144
120 message_notifications_model->
121 create_notif($to_add);
122 }
123 else { 145
124     $updated_unread = $unread +
125     1;
126     $this-> 146
127 message_notifications_model->update_unread($receiver_id,
128 $convo_id, $updated_unread);
129 }
130
131 //update quantity
132 $quantity_available = $this
133 ->product_model->get_quantity($prodid); 148
134 $this->product_model->
135 add_quantity($prodid, 149
136 $quantity_available, 1);
137
138 $this->session->
139 set_flashdata('
140 disapprove_mess_success', " 150
141 Trade request has been 151
142 disapproved. A message and a
143 notification has been sent to
144 the buyer.");
145 redirect("trade/
146 view_trade_seller"); 152
147 }
148 }
149 }
150 }
151
152 public function send_trade() { 156
153 $prodid = $this->input->post('
154 prodid'); 157
155 $this->form_validation->
156 set_rules('tradname', 'Product
157 Name', 'required'); 158
158 $this->form_validation->
159 set_rules('prodcat', 'Product
160 Category', 'required'); 161

```

```

162     post('description');
163     $buyer_id = $this->session->userdata('userid'); 198
164     $seller_id = $this->product_model->get_product_seller_id($prodid); 199
165     date_default_timezone_set('America/Anchorage'); 200
166     $date = date('Y-m-d H:i:s'); 201
167
168     //FOR UPLOADS 202
169     $config['upload_path'] = 'assets/uploads'; 203
170     $config['allowed_types'] = 'jpg|jpeg|png'; 204
171     $config['max_size'] = '5000'; 205
172     $array = explode('.', $_FILES['tradreq_file']['name']); 206
173     $extension = end($array); 207
174     $name = "trade-".$prodid."-". 208
175     . "1" . "." . $extension; 209
176     $config['file_name'] = $name; 210
177     $this->load->library('upload') 211
178     $config); 212
179     if ( ! $this->upload->do_upload('tradreq_file')) { 213
180         echo $this->upload->display_errors(); 214
181     } else { 215
182         $file_data = $this->upload->data(); 216
183         $data = array( 217
184             'prodid' => $prodid, 218
185             'seller_id' => $seller_id, 219
186             'buyer_id' => $buyer_id, 220
187             'prodcatid' => $prodcatid, 221
188             'datereq' => $date, 222
189             'name' => $tradname, 223
190             'file' => $name, 224
191             'status' => 'PENDING', 225
192             'description' => 226
193             $description ); 227
194     $tradereq_id = $this->trade_model->add($data); 228
195     //add trade request to 229
196     notification 230
197     $buyer_name = $this->user_model->get_user_name($buyer_id); 231
198     $product_name = $this->product_model->get_product_name($prodid); 232
199     $notif_description = "Trade 233
200     request from ".$buyer_name. 234
201     for ".$product_name; 235
202     $tradereq_data = array( 236
203         'userid' => $seller_id, 237
204         'description' => 238
205         $notif_description, 239
206         'date_notification' => $date, 240
207         'is_read' => 0, 241
208         'type' => 'trade_request', 242
209     ); 243
210     $this->notifications_model->insert_notification( 244
211         $tradereq_data); 245
212     $quantity_available = $this->product_model->get_quantity($prodid); 246
213     $this->product_model->update_quantity($prodid, 247
214     $quantity_available, 1); 248
215     $this->session->set_flashdata('success_tradereq', 'Your 249
216     trade request has been 250
217     submitted. Just check if your 251
218     trade request has been 252
219     approved.');
```

redirect('trade/  
view\_trade\_buyer');

}

public function  
prior\_view\_trade\_buyer() {  
\$this->notifications\_model->  
update\_notif\_read(\$this->  
session->userdata('userid'), "  
trade\_decision");  
redirect('trade/  
view\_trade\_buyer');

}

public function view\_trade\_buyer()  
{  
\$this->notifications\_model->  
update\_notif\_read(\$this->  
session->userdata('userid'), "  
trade\_decision");  
\$seller\_names = array();  
\$prod\_names = array();  
\$id = \$this->session->userdata  
( 'userid' );  
\$data['trades'] = \$this->  
trade\_model->get\_buyer\_trades(  
\$id);  
foreach (\$data['trades'] as  
\$trade) {  
array\_push(\$seller\_names,

```

    $this->user_model->
        get_user_name($trade-> 255     header_data);
        seller_id));
229 array_push($prod_names, $this 256 } $this->load->view('trade_seller
        ->product_model-> 257     ', $data);
        get_product_name($trade-> 258     public function view_trade(
            prodid));
230 }
231 $data['prod_names'] = 259     $trade_id) {
        $prod_names;
232 $data['seller_names'] = 260     $data['trade_info'] = $this->
        $seller_names;
233 $this->load->view('templates/ 261     trade_model->get_trade(
            user_header', $this-> 262     $trade_id);
            header_data);
234 $this->load->view('trade_buyer 263     $data['seller'] = $this->
            ', $data);           user_model->get_user_name(
235 }                               $data['trade_info']->seller_id
236     );
237     );
238     public function 264     );
239         prior_view_trade_seller() { 265     }
240     $this->notifications_model->
241         update_notif_read($this->
242             session->userdata('userid'), "
243                 trade_request");
244             redirect('trade/
245                 view_trade_seller');
246     }
247     public function
248         view_trade_seller() {
249     $this->notifications_model->
250         update_notif_read($this->
251             session->userdata('userid'), "
252                 trade_request");
253             $buyer_names = array();
254             $prod_names = array();
255             $id = $this->session->userdata
256                 ('userid');
257             $data['trades'] = $this->
258                 trade_model->get_seller_trades
259                 ($id);
260             foreach($data['trades'] as
261                 $trade) {
262                 array_push($buyer_names, $this
263                     ->user_model->get_user_name(
264                         $trade->buyer_id));
265                 array_push($prod_names, $this
266                     ->product_model->
267                         get_product_name($trade->
268                             prodid));
269             }
270             $data['prod_names'] =
271                 $prod_names;
272             $data['buyer_names'] =
273                 $buyer_names;
274             $this->load->view('templates/
275                 user_header', $this->
276                     header_data);
277         }
278     }
279     $this->load->view('trade_seller
280     ', $data);
281     public function view_trade(
282         $trade_id) {
283         $data['trade_info'] = $this->
284             trade_model->get_trade(
285                 $trade_id);
286         $data['seller'] = $this->
287             user_model->get_user_name(
288                 $data['trade_info']->seller_id
289             );
290         $this->load->view('templates/
291             user_header', $this->
292                 header_data);
293         $this->load->view('view_trade',
294             $data);
295     }
296     public function
297         report_buyer(
298             $buyerid) {
299         $this->form_validation->
300             set_rules('reason', 'Reason', ,
301                 required');
302         if (empty($_FILES['basis'][
303                         name])) {
304             $this->form_validation->
305                 set_rules('basis', 'Image', ,
306                     required');
307         }
308         if ($this->form_validation->run
309             () == false) {
310             $err_mess = "Reporting buyer
311                 failed:". validation_errors();
312             $this->session->set_flashdata
313                 ('err_mess', $err_mess);
314             redirect('user/view_user/'.
315                 $buyerid);
316         } else {
317             }
318     }

```

Listing 17: User.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class User extends MY_Controller
6     {
7         function __construct() {
8             parent::__construct();
9             $this->init_user_header();
10        }
11
12     public function report_buyer(
13         $buyerid) {
14         $this->form_validation->
15             set_rules('reason', 'Reason', ,
16                 required');
17         if (empty($_FILES['basis'][
18                         name])) {
19             $this->form_validation->
20                 set_rules('basis', 'Image', ,
21                     required');
22         }
23         if ($this->form_validation->run
24             () == false) {
25             $err_mess = "Reporting buyer
26                 failed:". validation_errors();
27             $this->session->set_flashdata
28                 ('err_mess', $err_mess);
29             redirect('user/view_user/'.
30                 $buyerid);
31         } else {
32             }
33     }

```

```

23 //FOR UPLOADS                               60 $this->session->set_flashdata
24 $this->load->library('upload')           ('success_mess', 'Your report
25 ;                                         has been submitted to the
26 $config['upload_path'] = '                 System Administrator.');
27 assets/uploads';                           redirect('user/view-user/'.
28 $config['allowed_types'] = '               $buyerid);
29 jpg|jpeg|png';                           61 }
30 $config['max_size'] = '5000';              62 }
31 $name = "report".$buyerid.               63 }
32 $_FILES['basis'][ 'name'];                64 }
33 $config['file_name'] = $name;              65 }
34 $this->upload->initialize(             66 }
35 $config);                                67 }
36 if (!$this->upload->do_upload('basis')){ 68 }
37   $err_mess = "Reporting buyer          69 }
38 failed :". $this->upload->            70 }
39 display_errors();                         71 }
40 $this->session->set_flashdata('err_mess', 72 }
41 $err_mess);                             73 }
42 redirect('user/view-user/'.
43 $buyerid);                            74 }
44 } else {                                75 }
45   date_default_timezone_set('           76 }
46 America/Anchorage');                   77 }
47 $date = date('Y-m-d H:i:s');             78 }
48 $to_add = array(                         79 }
49   'userid' => $buyerid,                  80 }
50   'description' => $this->            81 }
51   input->post('reason'),                82 }
52   'image' => $name,                     83 }
53   'date_report' => $date,                84 }
54   'reporter_id' => $this->            85 }
55   session->userdata('userid'))        86 }
56 );                                     87 }
57 $this->report_model->                  88 }
58 add_buyer_report($to_add);              89 }
59 }                                       90 }

48 $reporter = $this->user_model          91 }
->get_user_name($this->session->userdata('userid'))); 92 }
49 $notif_description = "New             93 }
buyer report from ". $reporter;         94 }
50 ;                                     95 }
51 $notif_data = array(                  96 }
52   'userid' => 1,                      97 }
53   'date_notification' => $date,       98 }
54   'description' =>                 99 }
55   $notif_description,                 100 }
56   'is_read' => 0,                    101 }
57   'type' => 'new_report',            102 }
58 );                                     103 }
59 $this->notifications_model->        104 }
insert_notification(                  105 }
$notif_data);                          106 }

59

```

```

        session->userdata( 'userid' ) , "
        credibility");
95 $names = array();
96 $name_ids = array();
97 $ratings = array(); 124
98 $userid = $this->session->
    userdata( 'userid' );
99 $buyer_ids = $this->
    product_transaction_model-> 125
    get_transaction_paid_nameids(126
        $userid);
100 foreach($buyer_ids as $buyerid)27
    {
128
101     array_push($names, $this->
        user_model->get_user_name(
            $buyerid->buyer_id)); 129
102     array_push($name_ids, $buyerid
        ->buyer_id); 130
103     array_push($ratings, $this-> 131
        product_transaction_model-> 132
        get_rating_by_buyer($this-> 133
            session->userdata( 'userid' ), 134
            $buyerid->buyer_id)); 135
104 }
136
105 $data[ 'names' ] = $names; 137
106 $data[ 'name_ids' ] = $name_ids;
107 $data[ 'ratings' ] = $ratings;
108 $this->load->view('templates/
    user_header', $this->
    header_data);
109 $this->load->view('ratings', 139
    $data);
110
111 } 141
112
113 public function rate_user($id) {43
114     $rating = $this->input->post(
        rating'); 144
115     $this->
        product_transaction_model-> 145
        update_rating($this->session->
            userdata( 'userid' ),$id,$rating
        ); 146
116     //credibility 147
117     $ratings = array(); 148
118     $seller_id = $id;
119     $buyer_ids = $this->
        product_transaction_model->
        get_transaction_paid_nameids(
            $seller_id); 149
120     foreach($buyer_ids as $buyerid)
        {
121         array_push($ratings, $this-> 150
            product_transaction_model-> 151
            get_rating_by_buyer($seller_id
                ,$buyerid->buyer_id)); 152
122     } 153
123     $prev_rating = $this-> 154

```

```

        product_transaction_model->
        get_rating_by_buyer($id,$this
            ->session->userdata( 'userid' ))
        ;
        $this->user_model->
        update_credibility($seller_id,
            $ratings, $rating,
            $prev_rating);
        // notify seller
        date_default_timezone_set(
            America/Anchorage');
        $date = date('Y-m-d H:i:s');
        $buyer_name = $this->user_model
            ->get_user_name($this->session
            ->userdata( 'userid' ));
        $description = $buyer_name."
            gave you ".$rating." stars";
        $notif_data = array(
            'userid' => $id,
            'description' => $description,
            'is_read' => 0,
            'date_notification' => $date,
            'type' => 'credibility',
        );
        $this->notifications_model->
        insert_notification(
            $notif_data);
        $this->session->set_flashdata(
            'success_rating',"Successfully
            rated user!");
        redirect('user/view_user/'.$id)
        ;
    }

    public function view_all() {
        $data[ 'users' ] = $this->
        user_model->get_all_users();
        if ($this->session->userdata(
            'username') == 'admin') {
            $this->load->view('templates/
                admin_header', $this->
                header_data);
        }
        else {
            $this->header_data[ 'unread_convo' ] = $this->
            message_notifications_model->
            get_number_unread($this->
                session->userdata( 'userid' ));
            $this->load->view('templates/
                user_header', $this->
                header_data);
        }
        $this->load->view('view_users',
            $data);
    }

    public function view_user($id) {

```

```

155 $data[ 'user' ] = $this->          186
156     user_model->get_user($id);      187
157 $config = array();                  188
158 $config[ 'full_tag_open' ] = '<188
159     ul class="pagination">;        189
160 $config[ 'full_tag_close' ] =       190
161     '</ul>;';                   191
162 $config[ 'first_link' ] = false;    192
163 $config[ 'last_link' ] = false;     193
164 $config[ 'first_tag_open' ] = '<194
165     li>;';                     195
166 $config[ 'first_tag_close' ] =     196
167     '</li>;';                   197
168 $config[ 'prev_link' ] = '&laquo; 198
169     ';;';                      199
170 $config[ 'prev_tag_open' ] = '<200
171     li class="prev">;           201
172 $config[ 'prev_tag_close' ] =     202
173     '</li>;';                   203
174 $config[ 'next_link' ] = '&raquo; 204
175     ';;';                      205
176 $config[ 'next_tag_open' ] = '<206
177     li class="active"><a href="#">207
178     $config[ 'cur_tag_close' ] =   208
179     '</a></li>;';             209
180 if($config[ "total_rows" ] == 0) { 210
181     {
182         $data[ 'no_records' ] = "No 211
183         records to show.";      212
184         $data[ 'prod_type' ] = " 213
185         advertised";           214
186         if($this->session->userdata( 215
187             'usertype') == 'admin') { 216
188             $this->load->view('templates 217
189             /admin_header', $this->
190             header_data);
191         }
192     else {
193         $this->load->view('templates
194             /user_header', $this->
195             header_data);
196     }
197     $num_paid = $this->
198     product_transaction_model->
199     get_num_paid($this->session->
200     userdata('userid'), $id); // 201
201     kung may paid na transaction,
202     pwedeng i rate si user
203     if($num_paid > 0) {
204         $can_rate = 1;
205     }
206     else {
207         $can_rate = 0;
208     }
209     $data[ 'can_rate' ] = $can_rate;
210
211     $data[ 'rate' ] = $this->
212     product_transaction_model->
213     get_rating_by_seller($this->
214     session->userdata('userid'),
215     $id);
216     $this->load->view('user',
217     $data);
218 }
219 else {
220     $config[ "per_page" ] = 6;
221     $page = ($this->uri->segment
222     (4)) ? $this->uri->segment(4)
223     : 0;
224     $config[ "uri_segment" ] = 4;
225     $choice = $config[ "total_rows"
226     ] / $config[ "per_page" ];
227     $config[ "num_links" ] = floor(
228     $choice);
229
230     $this->pagination->initialize
231     ($config);
232
233     $data[ "product_advs" ] = $this
234     ->product_model->
235     fetch_product_advertised($id,
236     $config[ "per_page" ], $page);
237     $data[ 'set_view_adv' ] = 0;
238     if($page > 0) {
239         $data[ 'set_view_adv' ] = 1;
240     }
241     $data[ "links" ] = $this->
242     pagination->create_links();
243     $data[ 'prod_type' ] = "
244     advertised";
245     if($this->session->userdata(
246         'usertype') == 'admin') {
247         $this->load->view('templates
248             /admin_header', $this->
249             header_data);
250     }

```

```

218     else {                                251     if ($username == $this->input->
219         $this->load->view('templates      post('username')) {
220         /user_header', $this->          $username_rules = "required";
221         header_data);                } }
222     }                                     252     if (!empty($changepass)) {
223     $num_paid = $this->          $this->form_validation->
224     product_transaction_model->    set_rules('oldpassword', 'Old
225     get_num_paid($this->session->  Password', 'required | min_length
226     userdata('userid'), $id); //      [5] | max_length [20] |
227     kung may paid na transaction,   callback_check_old_password');
228     pwedeng i rate si user        $this->form_validation->
229     if ($num_paid > 0) {           set_rules('newpassword1', 'New
230         $can_rate = 1;            Password', 'required | min_length
231     }                           [5] | max_length [20] );
232     else {                      $this->form_validation->
233         $can_rate = 0;           set_rules('newpassword2', 'Re-
234     }                           entered Password', 'required |
235     $data['can_rate'] = $can_rate  matches[newpassword1] |
236     ;                           min_length [5] | max_length [20] ')
237     $data['rate'] = $this->       ;
238     product_transaction_model->  $this->form_validation->
239     get_rating_by_seller($this->  set_rules('name', 'Name', ,
240     session->userdata('userid'),  required');
241     $id);                         $this->form_validation->
242     $this->load->view('user',     set_rules('username', ,
243     $data);                      Username', $username_rules);
244   }                                     $this->form_validation->
245                                         set_rules('upmid', 'UPM ID', ,
246                                         public function edit_profile()  required');
247                                         $this->form_validation->
248                                         $data['user'] = $this->
249                                         user_model->get_user($this->
250                                         session->userdata('userid'));
251                                         if ($this->form_validation->run
252                                         () == false) {
253                                         $data['user'] = $this->
254                                         user_model->get_user($this->
255                                         session->userdata('userid'));
256                                         $data['edit_profile_mess'] =
257                                         validation_errors();
258                                         $this->load->view('templates/
259                                         user_header', $this->
260                                         header_data);
261                                         $this->load->view('
262                                         edit_profile', $data);
263                                         }
264                                         }
265                                         }
266                                         }
267                                         }
268                                         }
269                                         }
270                                         }
271                                         }
272                                         }
273                                         }
274                                         }

```

```

name') ; 311
$username = $this->input->post('username') ; 312
($username') ; 313
$upmid = $this->input->post('upmid') ; 314
upmid') ; 315
$email = $this->input->post('email') ; 316
email') ; 317
$contactNum = $this->input->post('contactNum') ; 318
$college = $this->input->post('college') ; 319
$to_update = array( 320
    'name' => $name , 321
    'username' => $username , 322
    'upmid' => $upmid , 323
    'email' => $email , 324
    'college' => $college , 325
    'contactNum' => $contactNum
);
$this->user_model->
update_edited_profile($userid
$to_update);
if (!empty($_FILES['newdp'][ 'name'])) {
    $file = $this->user_model->
get_image($this->session->
userdata('userid'));
    $path = './assets/uploads/' .
$file;
    unlink($path);
//FOR UPLOADS
$config['upload_path'] =
assets/uploads';
$config['overwrite'] = TRUE;
$config['allowed_types'] =
jpg|jpeg|png';
$config['max_size'] = '5000';
$config['file_name'] = $name;
$this->load->library('upload
', $config);
if (!$this->upload->do_upload
('newdp')) {
    echo $this->upload->
display_errors();
}
else {
    $this->user_model->
update_image($name, $this->
session->userdata('userid'));
}
$this->session->set_userdata(
'username', $username);
}
redirect('user/prior_user');
}

public function
check_old_password($oldpass) {
$userid = $this->session->
userdata('userid');
if ($this->user_model->
check_pass($userid, md5(
$oldpass)) == 1) {
return true;
}
else {
$this->form_validation->
set_message(
'check_old_password', "%s doesn
't match.");
return false;
}
}

Listing 18: acctreq_model.php

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
allowed');
4
5 class Acctreq_model extends
CI_Model
6 {
7     function __construct() {
8         parent::__construct();
9         $this->load->database();
}
10
11 public function insert_data(
12     $acctreq_data) {
13     $this->db->insert(
14         'account_requests',
15         $acctreq_data);
}
16
17 public function get_data() {
18     $query = $this->db->query(
19         'SELECT id, dateAcctReq, upmid,
20         college, email, contactNum,
21         fName, mName, lName, orgName,
22         isInd FROM account_requests');
23     return $query->result();
}
24
25 public function delete_records(
26     $records) {
27     $ctr = 0;
28     foreach($records as $rec) {

```

Listing 18: acctreq\_model.php

```

<?php
if (!defined( 'BASEPATH'))
    exit ('No direct script access
allowed');

class Acctreq_model extends
CI_Model
{
    function __construct() {
        parent::__construct();
        $this->load->database();
    }

    public function insert_data(
        $acctreq_data) {
        $this->db->insert (
            'account_requests',
            $acctreq_data);
    }

    public function get_data() {
        $query = $this->db->query (
            "SELECT id , dateAcctReq , upmid ,
            college , email , contactNum ,
            fName , mName , lName , orgName ,
            isInd FROM account_requests ");
        return $query->result ();
    }

    public function delete_records(
        $records) {
        $ctr = 0;
        foreach ($records as $rec) {

```

```

24     $this->db->query( 'DELETE from
25         account_requests where id=' . 20
26         $rec);
27     $ctr++;
28 }
29 }
30 }
31 public function insert_approved(24
32     $approved_data) { 25
33     $this->db->insert('users',
34         $approved_data);
35     $insert_id = $this->db->
36         insert_id();
37     return $insert_id;
38 }
39 public function get_unapproved(29
40     $id) {
41     $query = $this->db->query( '30
42         SELECT * from account_requests31
43         where id=' . $id);
44     return $query->row();
45 }

        
```

Listing 19: conversation\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class Conversation_model extends
6     CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12    public function
13        get_conversations($id) {
14        $query = $this->db->query("11
15            SELECT * from conversation
16            WHERE first_user_id='". $id ."',
17            OR second_user_id='". $id ."')");
18        if ($query->num_rows() > 0) {
19            return $query->result();
20        }
21    }
22    public function
23        insert_approved($approved_data) {
24            $this->db->insert('users',
25                $approved_data);
26            $insert_id = $this->db->
27                insert_id();
28            return $insert_id;
29        }
30    public function
31        get_unapproved($id) {
32            $query = $this->db->query(
33                "SELECT * from account_requests
34                where id='".
35                $id);
36            return $query->row();
37        }
38    public function
39        create_conversation($data) {
40            $this->db->insert('conversation
41                ', $data);
42            $insert_id = $this->db->
43                insert_id();
44            return $insert_id;
45 }

        
```

```

        $userid2) {
        $query = $this->db->query("21
        SELECT * from conversation
        WHERE first_user_id='".
        $userid1 ." AND second_user_id
        ='". $userid2 ."')");
        if ($query->num_rows() > 0) {
            return $query->row()->id;
        }
        else {
            $query = $this->db->query("22
            SELECT * from conversation
            WHERE first_user_id='".
            $userid2 ." AND second_user_id
            ='". $userid1 ."')");
            if ($query->num_rows() > 0) {
                return $query->row()->id;
            }
            else {
                return 0;
            }
        }
    }
}

        
```

```

    public function
        create_conversation($data) {
    $this->db->insert('conversation
        ', $data);
    $insert_id = $this->db->
        insert_id();
    return $insert_id;
}

        
```

Listing 20: feedback\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class Feedback_model extends
6     CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12    public function
13        get_feedbacks() {
14        $query = $this->db->query("11
15            SELECT * from feedback");
16        if ($query->num_rows() > 0) {
17            return $query->result();
18        }
19    }
20 }

        
```

```
16    }
17 }
18
19 public function add_feedback(
20     $data) {
21     $this->db->insert('feedback',
22                         $data);
23
24     function __destruct() {
25         $this->db->close();
26     }
27 }
```

Listing 21: login\_model.php

```
1 <?php  
2 if (!defined('BASEPATH'))  
3     exit('No direct script access  
        allowed');  
4  
5 class Login_model extends CI_Model  
6 {  
7  
8     function __construct() {  
9         parent::__construct();  
10        $this->load->database();  
11    }  
12  
13    public function validate_user  
14        ($username, $password) {  
15            $this->db->where('username', $username);  
16            $this->db->where('password', $password);  
17            return $this->db->get('users')->row();  
18        }  
19    function __destruct() {  
20        $this->db->close();  
21    }  
22 }
```

Listing 22: message\_model.php

```
1 <?php
2 if (!defined( 'BASEPATH' ))
3     exit('No direct script access
4 allowed');
5 class Message_model extends
6 CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12 }
```

```
11
12 public function get_unread_list()
13     $convo_id) {
14     $query = $this->db->query('
15         SELECT * from message WHERE
16         convo_id = '.$convo_id.' ORDER
17         BY id DESC LIMIT 1');
18     return $query->row();
19 }
20
21 public function insert_message(
22     $data) {
23     $this->db->insert('message',
24         $data);
25 }
26
27 public function get_messages(
28     $convo_id) {
29     $query = $this->db->query('
30         SELECT * from message WHERE
31         convo_id = '.$convo_id);
32     return $query->result();
33 }
34
35 function __destruct() {
36     $this->db->close();
37 }
```

## Listing 23: message\_notifications\_model.php

```
1 <?php
2 if (!defined('BASEPATH'))
3     exit ('No direct script access
        allowed');
4
5 class Message_notifications_model
6     extends CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12    public function get_unread(
13        $userid, $convo_id) {
14        $query = $this->db->query(""
15            SELECT * from
16            message_notifications WHERE
17            userid = ".$userid." AND
18            conversation_id = ".$convo_id
19            .");
20        if ($query->num_rows() > 0) {
21            return $query->row()->
22                unread_messages;
23        }
24    else {
25    }
```

```

18     return -1;
19 }
20 }
21
22 public function
23     get_number_unread($userid) {
24     $query = $this->db->query("SELECT * from
25         message_notifications WHERE
26         userid='".$userid."' AND
27         unread_messages > 0");
28     return $query->num_rows();
29 }
30
31 public function
32     get_convoids_unread($userid) {
33     $query = $this->db->query("SELECT conversation_id from
34         message_notifications WHERE
35         userid='".$userid."' AND
36         unread_messages > 0");
37     return $query->result();
38 }
39
40     function __construct() {
41         $this->db->close();
42     }
43 }
44 }

8         parent::__construct();
9         $this->load->database();
10    }
11
12 public function
13     update_notif_read($userid,
14         $type) {
15     $this->db->query("UPDATE
16         notifications SET is_read=1
17         WHERE userid='".$userid."' AND
18         type='".$type."' ");
19 }
20
21 public function get_notif(
22     $userid) {
23     $query = $this->db->query("SELECT * from notifications
24         WHERE userid='".$userid'");
25     if ($query->num_rows() > 0) {
26         return $query->result();
27     }
28
29 public function
30     get_unread_notifs($userid) {
31     $query = $this->db->query("SELECT * from notifications
32         WHERE userid='".$userid."' AND
33         is_read=0");
34     if ($query->num_rows() > 0) {
35         return $query->result();
36     }
37
38     public function
39         insert_notification($data) {
40             $this->db->insert(
41                 'notifications ', $data);
42         }
43
44     function __destruct() {
45         $this->db->close();
46     }
47 }
```

Listing 24: notifications\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4         allowed');
5 class Notifications_model extends
5     CI_Model
6 {
7     function __construct() {
```

Listing 25: product\_category\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4         allowed');
5 class Product_category_model
5     extends CI_Model
6 {
7     function __construct() {
8         parent::__construct();
```

```

9      $this->load->database(); 12  public function get_image(
10     } 13   $query = $this->db->get_where('
11                           product_advertised', array('id
12   public function rename_category( 14   '=>$prodid));
13     $newname, $prodcatid) { 15   return $query->row()->image;
14     $this->db->query("UPDATE 16 }
15       product_category SET name='".$
16     $newname."' WHERE id='".$ 17  public function get_isActive(
17     $prodcatid); 18   $query = $this->db->get_where('
18   } 19   product_advertised', array('id
19                           '=>$prodid));
20  public function insert($name) { 20   return $query->row()->isActive;
21    $this->db->insert(' 21 }
22      product_category', $name); 22  public function deactivate(
23  } 23   $query = $this->db->query('
24                           SELECT * FROM product_category
25                           ');
26   return $query->result(); 26  public function activate($prodid
27  } 27   $query = $this->db->query('
28  public function getName($id) { 28   $this->db->query("UPDATE
29    $query = $this->db->query(' 29   product_advertised SET
30      SELECT name FROM 30   isActive='NO' WHERE id='.
31      product_category WHERE id='.
32      $id); 31   $prodid);
33    return $query->row()->name; 32   }
34  } 33  public function
35  function __destruct() { 34   delete_product_advertised(
36    $this->db->close(); 35   $prodid) {
37  } 36   $this->db->query('DELETE from
38  } 37   product_advertised where id='.
39  public function 38   $prodid);
40  update_image_name($id,$img) { 39   public function
41  $this->db->query("UPDATE 40   get_same_prodcatid($prodcatid)
42  product_advertised SET image 41   {
43  ='".$img."' WHERE id='".$id'); 42   $query = $this->db->query('
44  } 43   public function
45  get_same_prodcatid($prodcatid) 44   SELECT * from
46  { 45   product_advertised WHERE
47  function __construct() { 46   quantity > 0 AND prodcatid='.
48    parent::__construct(); 47   $prodcatid);
49    $this->load->database(); 48   return $query->result();
50  } 49   }
51  } 50  }

```

Listing 26: product\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3   exit ('No direct script access
4 allowed');
5 class Product_model extends
6   CI_Model
7 {
8   function __construct() {
9     parent::__construct();
10    $this->load->database();
11  }

```

```

43 public function update_product_advertised( 75 $userid = $query1->row()->
    $prodid,$newprod) { 76     userid;
44 $this->db->where('id', $prodid) 77     $query2 = $this->db->get_where(
        ; 78         ('users', array('id'=>$userid));
45 $this->db->update(' 79         ;
    product_advertised',,$newprod)79     }
46 } 80     public function
47 80     get_product_seller_id($prodid)
48 public function add_quantity( 81     {
    $prodid,$qty_av,$qty_toadd) { 81         $query =
49 $qty = $qty_av + $qty_toadd; 82             $this->db->get_where(
50 $this->db->query("UPDATE 82             'product_advertised',
    product_advertised SET 83             array('id'
        quantity='".$qty."' WHERE id 83             =>$prodid));
51     =".$prodid); 84         }
52 } 85     public function get_prodcatid(
53 public function update_quantity(86     $prodid,$qty_av,$qty_bought) { 86         $query =
54 $qty_left = $qty_av - 87             $this->db->get_where(
55     $qty_bought; 87             'product_advertised',
56 $this->db->query("UPDATE 88             array('id'
    product_advertised SET 89             quantity='".$qty_left."' WHERE
        quantity='".$qty_left."' WHERE 89             id=".$prodid);
57     id=".$prodid); 90         }
58 } 91     public function get_new_products
59 public function get_quantity( 92     () {
    $prodid) { 92         $query =
59 $query = $this->db->get_where( 93             $this->db->query(
        'product_advertised',array('id 93             'SELECT * from
        =>$prodid)); 94                 'product_advertised WHERE
60     return $query->row()->quantity; 94             quantity>0 order by id desc
61 } 95                 limit 9');
62 } 95         }
63 public function get_product_name96     public function insert_adv($data
    ($prodid) { 96         ) {
64 $query = $this->db->get_where(' 97             $this->db->insert(
        product_advertised',array('id 97             'product_advertised',
        =>$prodid)); 98                 , $data);
65     return $query->row()->name; 98             $insert_id =
66 } 99                 $this->db->
67 } 100                 insert_id();
68 public function 101             return $insert_id;
69     get_product_price($prodid) { 102         }
70     $query = $this->db->get_where(' 102         public function
        product_advertised',array('id 102             get_all_advertised() {
        =>$prodid)); 103                 $query =
71     return $query->row()->price; 103             $this->db->query(
72 } 104                 'SELECT * from
73 public function 105                 'product_advertised WHERE
        get_product_seller($prodid) { 105             quantity > 0');
74     $query1 = $this->db->get_where(107                 return $query->result();
        ('product_advertised',array(' 107             }
        id'=>$prodid)); 108         }
108         public function get_advertised(
108             $userid) {
108             $query = $this->db->query(

```

```

SELECT * from
product_advertised WHERE
userid = ".$userid." AND
quantity > 0");
109 return $query->result(); 145
110 } 146
111 147
112 public function
get_product_advertised($id) {
113 $query = $this->db->query(
SELECT * from
product_advertised WHERE id ='.
$id); 148
114 return $query->row(); 149
115 } 150
116 151
117 public function record_count($id
) { 152
118 $query = $this->db->get_where('
product_advertised', array('
userid' => $id, 'quantity' >= 0)); 153
;
119 return $query->num_rows(); 154
120 } 155
121 156
122 public function record_count_all()
{ 157
123 $str = array('quantity' >= 0,
'isActive' => 'YES'); 158
124 $query = $this->db->where($str)
->get('product_advertised'); 159
125 return $query->num_rows(); 160
126 } 161
127 162
128 public function
record_count_filtered(
$productcats, $fromdate, $todate) {
129 if ($fromdate == null) {
130 $fromdate = "0000-00-00
00:00:00";
131 } 163
132 else {
133 $fromdate = $this->
reformat_date($fromdate); 164
134 } 165
135 if ($todate == null) {
136 $todate = "9999-12-31
23:59:59";
137 } 166
138 else {
139 $todate = $this->reformat_date(
($todate); 170
140 $todate = $todate." 23:59:59";
141 } 171
142 if ($productcats != null) {
143 if (sizeof($productcats) == 1) {
144 $query_str = "SELECT * FROM
product_advertised WHERE 172
145 dateAdv >= ".$fromdate." AND
dateAdv <= ".$todate." AND
quantity > 0 AND isActive='YES'
AND prodcatid = ".$productcats[0];
146 } 173
147 else {
148 $query_str = "SELECT * FROM
product_advertised WHERE
dateAdv >= ".$fromdate." AND
dateAdv <= ".$todate." AND
quantity > 0 AND isActive='YES'
AND ";
149 $str = "(";
150 for ($i = 0; $i < sizeof(
$productcats); $i++) {
151 if ($i != sizeof($productcats)
-1) {
152 $str = $str. " prodcatid = ".
$productcats[$i]. " OR ";
153 }
154 else {
155 $str = $str. " prodcatid = ".
$productcats[$i];
156 }
157 }
158 $query_str = $query_str. $str
.")";
159 }
160 $query = $this->db->query(
$query_str);
161
162 return $query->num_rows();
163 }
164 else if ($productcats == null) {
165 $query_str = "SELECT * from
product_advertised WHERE
dateAdv >= ".$fromdate." AND
dateAdv <= ".$todate." AND
quantity > 0 AND isActive='YES
'";
166 $query = $this->db->query(
$query_str);
167 return $query->num_rows();
168 }
169
170 public function
fetch_product_filtered($limit,
$start, $productcats, $fromdate,
$todate) {
171 if ($fromdate == null) {
172 $fromdate = "0000-00-00
00:00:00";
173 }
174 else {
175 $fromdate = $this->
reformat_date($fromdate);
176 }

```

```

177 if($todate == null) { 212
178     $todate = "9999-12-31 212
179     23:59:59";
180 }
181 else {
182     $todate = $this->reformat_date
183     ($todate);
184     $todate = $todate." 23:59:59" 213
185 }
186 if($prodcats != null) { 214
187     $this->db->limit($limit, $star215
188     );
189     $query = $this->db->query(" 216
190     SELECT * from 217
191     product_advertised WHERE 218
192     dateAdv >= '". $fromdate ." ' AND219
193     dateAdv <= '". $todate ." ' AND220
194     quantity > 0 AND isActive='YES'21
195     ' AND prodcatid='".$prodcats 222
196     [0]." LIMIT ".$start.", ". 223
197     $limit); 224
198
199 if(sizeof($prodcats) > 1)) {
200     $query_str = "SELECT * FROM 226
201     product_advertised WHERE
202     dateAdv >= '". $fromdate ." ' AND
203     dateAdv <= '". $todate ." ' AND
204     quantity >0 AND isActive='YES'
205     AND ";
206     $str = "(";
207     for($i = 0; $i < sizeof(
208     $prodcats); $i++) {
209         if($i != sizeof($prodcats)
210         -1) {
211             $str = $str. "prodcatid=".231
212             $prodcats[$i]." OR ";
213         }
214         else {
215             $str = $str. "prodcatid=".233
216             $prodcats[$i]."") LIMIT ".
217             $start.", ".$limit;
218         }
219     }
220     $query_str .= $str;
221     $query = $this->db->query( 237
222     $query_str);
223 }
224 if($query->num_rows() > 0) {
225     public function reformat_date(
226     $old_date) {
227     $new_date = $old_date[6].
228     $old_date[7]. $old_date[8].
229     $old_date[9]. "-" . $old_date[0].
230     $old_date[1]. "-" . $old_date[3].
231     $old_date[4];
232     return $new_date;
233 }
234
235     public function
236     fetch_product_advertised_all(
237     $limit, $start) {
238     $this->db->limit($limit, $start)
239     ;
240     $str = array('quantity >' => 0,
241     'isActive' => 'YES');
242     $query = $this->db->where($str)
243     ->get('product_advertised');
244     if($query->num_rows() > 0) {
245         foreach($query->result() as
246         $row) {
247             $data[] = $row;
248         }
249         return $data;
250     }
251     return false;
252 }
253
254     public function
255     fetch_product_advertised($id,
256     $limit, $start) {
257     $this->db->limit($limit, $start)
258     ;
259     $query = $this->db->get_where(
260     'product_advertised', array(
261     'userid'=>$id, 'quantity >'=>0));
262 }
263
264     else if($prodcats == null) {
265     $this->db->limit($limit, $start

```

```

246     ;
247     if ($query->num_rows() > 0) {
248         foreach ($query->result() as
249             $row) {
250             $data[] = $row;
251         }
252         return $data;
253     }
254
255     function __destruct() {
256         $this->db->close();
257     }
258 }

Listing 27: product_transaction_model.php
1 <?php
2 if (!defined('BASEPATH'))
3     exit ('No direct script access
4     allowed');
5 class Product_transaction_model
6     extends CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10    $this->load->database();
11
12    public function get_ratings(
13        $buyer_id, $seller_id) {
14        $query = $this->db->query("SELECT * FROM
15            product_transaction WHERE
16            seller_id=". $seller_id ." AND
17            buyer_id=". $buyer_id .");
18        return $query->result();
19    }
20
21    public function
22        get_rating_by_seller($buyer_id
23        , $seller_id) {
24        $query = $this->db->query("SELECT * FROM
25            product_transaction WHERE
26            seller_id=". $seller_id ." AND
27            buyer_id=". $buyer_id ."
28            AND status='PAID'") ;
29    }
30
31    public function
32        get_rating_by_buyer($seller_id
33        , $buyer_id) {
34        $query = $this->db->query("SELECT *
35            FROM product_transaction WHERE
36            seller_id=". $seller_id ." AND
37            buyer_id=". $buyer_id ." AND
38            status='PAID' LIMIT 1");
39        if ($query->num_rows() > 0) {
40            return $query->row()->rating;
41        }
42        else {
43            return 0;
44        }
45
46    public function
47        get_transaction_paid_nameids(
48        $seller_id) {
49        $query = $this->db->query("SELECT DISTINCT
50            buyer_id FROM
51            product_transaction WHERE
52            seller_id=". $seller_id ." AND
53            status='PAID'");
54        return $query->result();
55    }
56
57    public function
58        mark_paid_score(
59        $id) {
60        $this->db->query("UPDATE
61            product_transaction SET rating
62            =5 WHERE id=". $id .");
63    }
64
65    public function
66        get_num_paid(
67        $user_id, $seller_id) {
68        $query = $this->db->query("SELECT *
69            FROM product_transaction WHERE
70            buyer_id=". $user_id ." AND
71            seller_id=". $seller_id ." AND
72            status='PAID'");
73        return $query->num_rows();
74    }

```

```

55 public function get_buyer_id($id) {
56     $query = $this->db->query('
57         SELECT * FROM
58         product_transaction WHERE id
59         ='.$id);
60     return $query->row()->buyer_id;
61 }
62 public function get_seller_id(
63     $id) {
64     $query = $this->db->query('
65         SELECT * FROM
66         product_transaction WHERE id
67         ='.$id);
68     return $query->row()->seller_id
69 }
70 public function delete_transaction($id) {
71     $this->db->query('DELETE from
72         product_transaction where id
73         ='.$id);
74 }
75 public function get_quantity($id) {
76     $query = $this->db->query('
77         SELECT * FROM
78         product_transaction WHERE id
79         ='.$id);
80     return $query->row();
81 }
82 public function get_product_id(
83     $transaction_id) {
84     $query = $this->db->query('
85         SELECT * FROM
86         product_transaction WHERE id
87         ='.$transaction_id);
88     return $query->row()->
89         product_id;
90 }
91 public function insert($data) {
92     $this->db->insert(
93         'product_transaction', $data);
94     $insert_id = $this->db->
95         insert_id();
96     return $insert_id;
97 }
98 public function get_buyer(
99     $prodid) {
100    $query = $this->db->query('
101        SELECT * FROM
102        product_transaction WHERE
103        product_id='.$prodid);
104    return $query->row()->buyer_id;
105 }
106 public function get_bought_product($userid) {
107    $query = $this->db->query('
108        SELECT * from
109        product_transaction WHERE
110        buyer_id='.$userid);
111    return $query->result();
112 }
113 public function get_sold_product(
114     $userid) {
115    $query = $this->db->query('
116        SELECT * from
117        product_transaction WHERE
118        seller_id='.$userid);
119    return $query->result();
120 }
121 public function record_count_bought($id) {
122    $query = $this->db->where(
123        'buyer_id', $id)->get(
124        'product_transaction');
125    return $query->num_rows();
126 }
127 public function record_count_sold($id) {
128    $query = $this->db->where(
129        'seller_id', $id)->get(
130        'product_transaction');
131    return $query->num_rows();
132 }
133 public function fetch_product_bought($id,
134     $limit, $start) {
135    $this->db->limit($limit, $start)
136     ;

```

```

121 $query = $this->db->get_where('15
122     product_transaction', array('
123         buyer_id'=>$id));
124 if ($query->num_rows() > 0) {
125     foreach($query->result() as
126         $row) {
127         $data[] = $row;
128     }
129     return $data;
130 }
131 public function
132     fetch_product_sold($id, $limit,
133         $start) {
134     $this->db->limit($limit, $start)
135     ;
136     $query = $this->db->get_where('
137         product_transaction', array(
138             'seller_id'=>$id));
139     if ($query->num_rows() > 0) {
140         foreach($query->result() as
141             $row) {
142             $data[] = $row;
143         }
144         return $data;
145     }
146 }


```

Listing 28:  
tered\_accounts\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class Registered_accounts_model
6     extends CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12    public function get_isDisabled(
13        $id) {
14        return $this->db->query('SELECT
15            isDisabled FROM users WHERE
16            id=' . $id)->row()->isDisabled;
17    }
18 }


```

```

16    public function get_data() {
17        $query = $this->db->query('
18            SELECT * FROM users');
19        return $query->result();
20    }
21    public function disable($id) {
22        $query = $this->db->query('
23            UPDATE users SET isDisabled=1
24            WHERE id=' . $id);
25    }
26    public function activate($id) {
27        $query = $this->db->query('
28            UPDATE users SET isDisabled=0
29            WHERE id=' . $id);
30    }
31    function __destruct() {
32        $this->db->close();
33    }
34 }


```

Listing 29: report\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class Report_model extends
6     CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12    public function add_buyer_report
13        ($data) {
14        $this->db->insert(
15            'buyer_reports', $data);
16    }
17    public function get_data() {
18        $query = $this->db->query('
19            SELECT * FROM buyer_reports');
20        return $query->result();
21    }
22    public function get_report($id)
23    {
24        $query = $this->db->query('
25            SELECT * FROM buyer_reports
26            WHERE id=' . $id);
27        return $query->row();
28    }
29 }


```

```

26     function __destruct() {
27         $this->db->close();
28     }
29 }
```

Listing 30: request\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4         allowed');
5 class Request_model extends
6     CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12    public function record_count_all
13        ()
14    {
15        $query = $this->db->get(
16            'product_request');
17        return $query->num_rows();
18    }
19    public function
20        fetch_product_request_all(
21            $limit, $start) {
22        $this->db->limit($limit, $start)
23            ;
24        $query = $this->db->get(
25            'product_request');
26        if ($query->num_rows() > 0) {
27            foreach ($query->result() as
28                $row) {
29                $data[] = $row;
30            }
31        }
32        return $data;
33    }
34    public function
35        get_product_request($id) {
36        $query = $this->db->query(
37            'SELECT * FROM product_request
38            WHERE id=' . $id);
39        return $query->row();
40    }
41 }
```

```

38    public function get_requests() {
39        $query = $this->db->query(
40            'SELECT * FROM product_request
41            ');
42        return $query->result();
43    }
44    public function insert_request(
45        $data) {
46        $this->db->insert(
47            'product_request', $data);
48        $insert_id = $this->db->
49            insert_id();
50        return $insert_id;
51    }
52    public function
53        update_image_name($id, $img) {
54        $this->db->query("UPDATE
55            product_request SET image="".
56            $img." WHERE id=". $id);
57    }
58    function __destruct() {
59        $this->db->close();
60    }
61 }
```

Listing 31: search\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4         allowed');
5 class Search_model extends
6     CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10        $this->load->database();
11    }
12    public function search_user(
13        $term) {
14        $this->db->like('name', $term);
15        $query = $this->db->get('users
16            ');
17        return $query->result();
18    }
19    public function record_count(
20        $term) {
21        $where = "quantity > 0 AND
22            isActive='YES' AND
23            (name LIKE '%$term%' OR
24            description LIKE '%$term%')");
25        $this->db->where($where);
26    }
27 }
```

```

22 $query = $this->db->get('
23     product_advertised');
24 return $query->num_rows();
25 }
26 public function
27     fetch_product_advertised($term
28         , $limit, $start) {
29     $this->db->limit($limit, $start)
30     ;
31     $where = "quantity > 0 AND
32         isActive='YES' AND
33             (name LIKE '%$term%' OR
34                 description LIKE '%$term%')");
35     $this->db->where($where);
36     $query = $this->db->get(
37         'product_advertised');
38     if($query->num_rows() > 0) {
39         foreach($query->result() as
40             $row) {
41             $data[] = $row;
42         }
43         return $data;
44     }
45     function __destruct() {
46         $this->db->close();
47     }
48 }

18     }
19
20     public function is_traded(
21         $buyer_id, $prodid) {
22         $query = $this->db->get_where(
23             'trade_request', array('buyer_id'
24                 =>$buyer_id, 'prodid'=>$prodid
25                 , 'status'=>'PENDING'));
26         if($query->num_rows() > 0) {
27             return 1;
28         } else {
29             return 0;
30         }
31     }

32     public function get_trade($id) {
33         $query = $this->db->query(
34             'SELECT * from trade_request
35                 WHERE id = '. $id);
36         return $query->row();
37     }

38     public function get_product_id(
39         $id) {
40         $query = $this->db->query(
41             'SELECT * from trade_request
42                 WHERE id = '. $id);
43         return $query->row()->prodid;
44     }

```

Listing 32: trade\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit('No direct script access
4     allowed');
5 class Trade_model extends
6     CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10    $this->load->database();
11 }
12 public function approve_trade(
13     $id) {
14     $this->db->query("UPDATE
15         trade_request SET status='
16         APPROVED' WHERE id=". $id);
17 }
18 public function disapprove_trade(
19     ($id) {
20     $this->db->query("UPDATE
21         trade_request SET status='
22         DISAPPROVED' WHERE id=". $id);
23 }
24 public function get_buyer_trades(
25     ($id) {
26     $query = $this->db->query('
27         SELECT * from trade_request
28         WHERE id='.$id);
29     return $query->row()->buyer_id;
30 }
31 public function get_seller_id(
32     $id) {
33     $query = $this->db->query('
34         SELECT * from trade_request
35         WHERE id='.$id);
36     return $query->row()->seller_id;
37 }
38 public function add($data) {
39     $this->db->insert(
40         'trade_request', $data);
41     $insert_id = $this->db->
42         insert_id();
43     return $insert_id;
44 }
45 public function get_buyer_trades(
46     ($id) {
47     $query = $this->db->query('
48         SELECT * from trade_request
49         WHERE id='.$id);
50     return $query->row()->buyer_id;
51 }
52 public function get_seller_id(
53     $id) {
54     $query = $this->db->query('
55         SELECT * from trade_request
56         WHERE id='.$id);
57     return $query->row()->seller_id;
58 }
59 
```

```

57     $query = $this->db->query('
58         SELECT * from trade_request
59         WHERE buyer_id='.$id);
60     return $query->result();
61 }
62 public function
63     get_seller_trades($id) {
64     $query = $this->db->query('
65         SELECT * from trade_request
66         WHERE seller_id='.$id);
67     return $query->result();
68 }
69 }
```

Listing 33: upload\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit ('No direct script access
4     allowed');
5 class Upload_model extends
6     CI_Model
7 {
8     function __construct() {
9         parent::__construct();
10    $this->load->database();
11 }
12 public function get_uploads(
13     $prodid) {
14     $query = $this->db->query('
15         SELECT * from uploads where
16         prodid='.$prodid);
17     return $query->result();
18 }
19 public function delete_uploads(
20     $prodid) {
21     $this->db->query('DELETE from
22         uploads where prodid='.$prodid
23     );
24 }
25 function __destruct() {
26     $this->db->close();
27 }
28 }
```

Listing 34: user\_model.php

```

1 <?php
2 if (!defined('BASEPATH'))
3     exit ('No direct script access
4     allowed');
5 class User_model extends CI_Model
6 {
7     function __construct() {
8         parent::__construct();
9         $this->load->database();
10    }
11 }
12 public function update_image(
13     $image,$id) {
14     $this->db->query("UPDATE users
15         SET image='".$image."' WHERE
16         id=".$id);
17 }
18 public function get_image(
19     $userid) {
20     $query = $this->db->query('
21         SELECT * from users where id
22         ='.$userid);
23     return $query->row()->image;
24 }
25 public function get_credibility(
26     $userid) {
27     $query = $this->db->query('
28         SELECT * from users where id
29         ='.$userid);
30     return $query->row()->
31         credibility;
32 }
33 public function new_credibility(
34     $seller_id,$prev_ratings) {
35     $prev_ratings_ctr = 0;
36     for ($i = 0; $i < sizeof(
37         $prev_ratings); $i++) {
38         $prev_ratings_ctr +=
39             $prev_ratings[$i];
40     }
41     $new_credibility =
42         $prev_ratings_ctr / sizeof(
43             $prev_ratings);
44     $this->db->query("UPDATE users
45         SET credibility='".$
46             $new_credibility."' WHERE id
47             =".$seller_id);
48 }
49 public function
50     update_credibility($seller_id,
51     $prev_ratings,$rating,
```

```

    $prev_rating) {
37     $prev_ratings_ctr = 0;
38     for($i = 0; $i < sizeof(
39         $prev_ratings); $i++) {
40         $prev_ratings_ctr +=
41             $prev_ratings[$i];
42     }
43     $new_credibility = (
44         $prev_ratings_ctr + $rating -
45         $prev_rating) / (sizeof(
46             $prev_ratings));
47     $this->db->query("UPDATE users
48         SET credibility = ".
49         $new_credibility ." WHERE id
50         = ". $seller_id);
51 }
52 public function get_all_users() {
53     $query = $this->db->query('
54         SELECT * FROM users ');
55     return $query->result();
56 }
57 public function get_user($id) {
58     $query = $this->db->query('
59         SELECT * from users where id
60         = '. $id);
61     return $query->row();
62 }
63 public function
64     update_edited_profile($id ,
65         $data) {
66     $this->db->where('id' , $id);
67     $this->db->update('users' ,
68         $data);
69 }
70 public function check_pass($id ,
71     $pass) {
72     $this->db->where('id' , $id);
73     $this->db->where('password' ,
74         $pass);
75     $query = $this->db->get('users
76         ');
77     return $query->num_rows();
78 }
79 public function update_password(
80     $newpass , $id) {
81     $this->db->query("UPDATE users
82         SET password = '". $newpass ."'
83         WHERE id = ". $id);
84 }
85 function __destruct() {
86     $this->db->close();
87 }

```

Listing 35: templates/admin\_header.php

```

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5
6     <meta charset="utf-8">
7     <meta http-equiv="X-UA-
8         Compatible" content="IE=edge">
9     <meta name="viewport" content
10        = "width=device-width, initial-
11            scale=1">
12     <meta name="description"
13         content="">
14     <meta name="author" content
15         ="">
16
17     <title>LEAf-UPM</title>
18     <link rel="shortcut icon" type="
19         image/x-icon" href="<?php echo
20             base_url('assets/images/leaf.
21                 jpg');?>" />
22     <link href="<?php echo
23             base_url('assets/css/bootstrap
24                 .min.css');?>" rel="stylesheet
25             ">
26     <link href="<?php echo base_url
27             ('assets/css/dataTables.
28                 bootstrap.css');?>" rel=""
29                 stylesheet" />
30     <link href="<?php echo
31             base_url('assets/css/sb-admin
32                 -2.css');?>" rel="stylesheet">
33     <link href="<?php echo base_url
34             ('assets/css/style2.css');?>" rel="stylesheet">
35     <link href="<?php echo base_url
36             ('assets/css/style3.css');?>" rel="stylesheet">
37     <link href="<?php echo base_url
38             ('assets/css/font-awesome/css/
39                 font-awesome.min.css');?>" rel="stylesheet">
40
41     <style>

```

```

22 .modal-header, h4, .close {
23   background-color: #5cb85c;
24   color: white !important;
25   text-align: center;
26   font-size: 30px;
27 }
28 .modal-footer {
29   background-color: #f9f9f9 ;
30 }
31 .badge-error {
32   background-color: red;
33 }
34 </style>
35
36 <script>
37 $(document).ready(function(){
38   $("#myBtn").click(function(){
39     $("#myModal").modal();
40   });
41 });
42 </script>
43
44 <script src=<?php echo
45   base_url('assets/js/jquery.min
46   .js');?>></script>
47 <script src=<?php echo
48   base_url('assets/js/bootstrap.
49   min.js');?>></script>
50 <script src=<?php echo
51   base_url('assets/js/metisMenu.
52   min.js');?>></script>
53 <script src=<?php echo
54   base_url('assets/js/sb-admin
55   -2.js');?>></script>
56 <script src=<?php echo
57   base_url('assets/js/dataTables.
58   min.js');?>></script>
59 <script src=<?php echo base_ur
60   l('assets/js/checker.js')
61   ;?>></script>
62 <script src=<?php echo base_ur
63   l('assets/js/megamenu.js')
64   ;?>></script>
65 <script>
66   $(document).ready(
67     function() {
68       $(".megamenu").megamenu();
69     });
70 <script src=<?php echo base_ur
71   l('assets/js/jquery.jscrollpane
72   .min.js');?>></script>
73 <script src=<?php echo base_ur
74   l('assets/js/slides.min.jquery
75   .js');?>></script>
76 <script src=<?php echo base_ur
77   l('assets/js/jquery.etalage.min
78   .js');?>></script>
79 <script src=<?php echo base_ur
80   l('assets/js/dataTables.
81   bootstrap.min.js');?>></
82 script>
83 <script>
84   $(document).ready(
85     function() {
86       $('#dataTables-
87       example').DataTable({
88         responsive: true
89       });
90     });
91 <script src=<?php echo base_ur
92   l('assets/js/checker.js')
93   ;?>></script>
94 <script src=<?php echo base_ur
95   l('assets/js/megamenu.js')
96   ;?>></script>
97 <script src=<?php echo base_ur
98   l('assets/css/etalage.css')
99   ;?>></script>
100 <link href=<?php echo base_ur
101   l('assets/css/etalage.css')
102   ;?> rel="stylesheet">
103 <script>
104   jQuery(document).ready(
105     function($) {
106       $('#etalage').etalage
107         ({
108           thumb_image_width
109             : 360,
110           thumb_image_height: 360,
111           source_image_width: 900,
112           source_image_height: 900,
113           show_hint: true,
114           click_callback:
115             function(image_anchor,
116                     instance_id) {
117               alert('
118                 Callback example:\nYou clicked
119                 on an image with the anchor:
120                 ' + image_anchor + '\n(in
121                 Etalage instance: ' + instance_id + ')';
122             }
123         });
124       });
125     });
126   );
127 <script type="text/javascript">
128   $(function() {
129     $('.span.stars').stars();
130   });
131
132   $.fn.stars = function() {
133     return $(this).each(function()
134       {
135         $(this).html($('.span />').
136         width(Math.max(0, (Math.min(5,
137

```

```

        parseFloat($(this).html())))) * 16));
94    });
95 }
96 </script>
97 <style type="text/css">
98 span.stars, span.stars span { 129
99   display: block; 130
100  background: url("<?php echo
101    base_url();?>assets/images/
102    stars.png"); 0 -16px repeat-x; 131
103   0 -16px repeat-x; 132
104 }
105
106 span.stars span {
107   background-position: 0 0; 137
108 }
109 </style>
110 </head>
111
112 <body>
113
114   <div id="wrapper">
115     <nav class="navbar navbar-default navbar-static-top" 140
116       role="navigation" style=" 142
117         margin-bottom: 0"> 143
118         <div class="navbar-header"> 144
119           <button type="button" 145
120             class="navbar-toggle" 146
121               data-toggle="collapse" data-
122                 target=".navbar-collapse"> 147
123                   <span class="sr-only">Toggle navigation</span> 148
124                     <span class="icon-bar"></span> 149
125                     <span class="icon-bar"></span> 150
126                     <span class="icon-bar"></span> 151
127                     </button> 152
128                     <a class="navbar-brand" href="index.html">LEAf 153
129 UPM</a> 154
130
131           </div> 155
132           <ul class="nav navbar-top-links navbar-right"> 156
133             <li class="dropdown"> 157
134               <a class="dropdown-toggle" data-toggle="dropdown" href="#"> 158
135                 <i class="fa fa-caret-down"></i> 159
136
137           =><span class='badge badge-error'>".unread_convo."</span>;?><i class="fa fa-caret-down"></i>
138             </a>
139             <ul class="dropdown-menu dropdown-messages">
140               <?php
141                 for ($i = 0; $i < sizeof($unread_convo_list); $i++) {
142                   if ($i == 10) {
143                     break;
144                   }
145                   $hrefstr = "conversation/prior_view_conversation/".
146                   $unread_list_senderids[$i];
147                   $mess_content =
148                   $unread_convo_list[$i]->content;
149                   if (strlen($mess_content) > 35) {
150                     $mess_content = substr(
151                     $mess_content, 0, 31) . "...";
152                   }
153                   echo "
154                   <li>
155                     <a href='".$site_url($hrefstr)."'
156                     <div>
157                       <strong>". $unread_list_senders[$i]. "</strong>
158                         <span class='pull-right text-muted'>
159                           <em>". $unread_convo_list[$i]-
160                             date_message."</em>
161                           </span>
162                         </div>
163                         <div>". $mess_content."</div>
164                       </a>
165                     </li>
166                     <li class='divider'></li>
167                   ";
168                 } ?>
169                   <li>
170                     <a class="text-center" href="<?php echo site_url('conversation/view_all'); ?>">
171                     <strong>View All Conversations</strong>
172                   </li>
173               </ul>
174             </div>
175           </li>
176         </ul>
177       </div>
178     </nav>
179   </body>
180 
```

```

    i class="fa fa-angle-right">></88
    i>                                         189
                                                </a>
                                                </li>   190
                                                </ul>   191
                                                </li>
    <li class="dropdown">
        <a class=" 192
dropdown-toggle" data-toggle="dropdown" href="#">
            <i class="fa fa-bell fa-fw"></i><?php
if(sizeof( 193
$unread_notifications) > 0) {194
echo "<span class='badge badge- 195
-error '>".sizeof( 196
$unread_notifications)."</span 197
>";}?><i class="fa fa-caret- 197
down"></i>                                         198
            </a>                                         199
        <ul class=" 200
dropdown-menu dropdown-alerts 201
">
            <?php
                if(sizeof( 202
$unread_notifications) > 0) {
                    $ctr = 0;
                    foreach(
                        $unread_notifications as 203
                        $unread_notification) {
                            $ctr++;
                            if($ctr == 10) { 204
                                break;
                            }
                            $hrefstr = " 207
administrator/prior_acctreq";
                            if($unread_notification 208
->type == ' 209
new_product_requests' || 210
$unread_notification->type == 210
'product_request_deleted') {
                                $hrefstr = "request/ 211
prior_product_requests";
                            }
                            else if( 212
$unread_notification->type == 212
'feedback') {
                                $hrefstr = "feedback/ 213
prior_view_all";
                            }
                            else if( 214
$unread_notification->type == 214
'new_report') {
                                $hrefstr = "
administrator/ 215
prior_buyer_reports";
                            }
                            echo " 216
"                                         217
                                         218

```

```

<li>
    <a href=".site_url( 189
$hrefstr).">
        <div>
            <i class='fa fa-usd 190
fa-fw'></i>,
$unread_notification-> 191
description."
            <span class='pull- 192
right text-muted small'>". 193
$unread_notification-> 194
date_notification."</span>
        </div>
    </a>
</li>
<li class='divider'></li>
>";
    }
?>
<li>
    <a 195
class="text-center" href="<? 196
php echo site_url(' 197
notification/view_all'); ?>">
        <strong>See All Notifications</ 198
strong>
        < 199
i class="fa fa-angle-right"></ 200
i>
        </a>
    </li>
    <ul>
        <!-- /. 201
dropdown-alerts -->
    </li>
    <li class=" 202
dropdown">
        <a class=" 203
dropdown-toggle" data-toggle=" 204
dropdown" href="#">
            <i class="fa fa-user fa-fw"></i> <?php
echo $username; ?> <i class=" 205
fa fa-caret-down"></i>
            </a>
            <ul class=" 206
dropdown-menu dropdown-user">
                <li><a 207
href="<?php echo site_url(' 208
logout'); ?>"><i class="fa fa- 209
sign-out fa-fw"></i> Logout</a>
                </li>
            </ul>
        </li>
    </ul>

```

```
219 <div class="navbar-default sidebar" role="navigation"> 248
220     <div class="sidebar-nav navbar-collapse">249
221         <ul class="nav" id="side-menu"> 250
222             <li class="sidebar-search">
223                 <form action=<?php echo site_url('search/index'); ?>>251
224                     method="post">
225                         <div class="input-group" 252
226                         custom-search-form">
227                             <input type="text" name="term" 253
228                             class="form-control" placeholder="Search Users">
229                             <span class="input-group- 254
230                             -btn">
231                                 <button class="btn btn-default" 255
232                                     type="submit">
233                                     <i class="fa fa-search" style="font-size:18px"></i>256
234                                 </button> 257
235                             </span> 258
236                         </div>
237                     </form>
238             </li>
239             <li>
240                 <a href=<?php echo site_url('user'); ?>><i class="fa fa-user fa-fw"></i> Profile</a> 260
241                 </li>
242                 <a href=<?php echo site_url('home/index'); ?>><i class="fa fa-home fa-fw"></i> Home</a>263
243                 </li> 264
244                 <li>
245                     <a href=<?php echo site_url('administrator/prior_acctreq'); ?>><i class="fa fa-table fa-fw"></i> Account Requests</a>265
246                     </li> 266
247                     <li>
248                         <a href=<?php echo site_url('administrator/registered_accts'); ?>><i class="fa fa-table fa-fw"></i> Registered 268
249                         Accounts</a> 269
250                     </li> 270
251                     <li>
252                         <a href="#"><i class="fa fa-table fa-fw"></i> Product 271
253                     </li>
254                 </ul>
255             </li>
256         </ul>
257     </div>
258 </div>
```

Listing 36: templates/footer.php 12

```
1 <div class="footer">
2     <div class="footer-bottom">
3         <div class="wrap">
4             <div class="copy"> 13
5                 <p> 2016 Harold 14
6                     James C. Decapia</p>
7                     </div>
8                     <div class="f-list2"> 15
9                         <ul>
10                             <li class
11                                 =""><a href=<?php echo
12                                     site_url('home/about'); ?>>
13                                     About LEAf-UPM</a></li> | 16
14                             <li><a href
15                                 ="<?php echo site_url('home/
16                                     about'); ?>">About the
17                                     developer</a></li> | 18
18                             </ul>
19                         </div>
20                         <div class="clear"></
21                             div>
22                         </div>
23                     </div>
24                     </div>
25                     </div>
26             </div>
27             </body>
28         </html>
29     </html>
```

Listing 37: templates/header.php

```
1 <!DOCTYPE HTML>
2 <html>
3
4 <head>
5     <title>LEAf-UPM</title>
6     <link rel="shortcut icon" type="
7         image/x-icon" href=<?php echo
8             base_url('assets/images/leaf.
9                 jpg'); ?>" />
10    <meta name="viewport" content
11        ="width=device-width, initial_
12            scale=1, maximum-scale=1">
13    <meta http-equiv="Content-
14        Type" content="text/html; 29
15            charset=utf-8" />
16    <link href=<?php echo
17        base_url('assets/css/style.css
18            '); ?>" rel="stylesheet" type="
19            text/css" media="all" />
20    <link href=<?php echo
21        base_url('assets/css/form.css
22            '); ?>" rel="stylesheet" type="
23            text/css" media="all" />
24    <link href=<?php echo
25        base_url('assets/css/jquery-ui.
26            css'); ?>" rel="stylesheet" type="
27            text/css" media="all" />
28
29
30
31
32
33
34
35
```

```
<script type="text/javascript"
" src=<?php echo base_url(
assets/js/jquery1.min.js )
;?>"></script >

<link href=<?php echo
base_url('assets/css/megamenu.
css'); ?>" rel="stylesheet"
type="text/css" media="all" />
<script type="text/javascript"
" src=<?php echo base_url(
assets/js/megamenu.js );?>"></
script >
<script src=<?php echo
base_url('assets/js/checker.js
'); ?>"></script >
<script>
    $(document).ready(
function() {
    $(".megamenu").megamenu();
})
</script >

<link rel="stylesheet" href
=<?php echo base_url('assets/
css/fwslider.css'); ?>" media="
all">
<script src=<?php echo base_url
('assets/js/jquery.min.js ')
;?>"></script >
<script src=<?php echo
base_url('assets/js-datepicker.js
'); ?>"></script >
<script src=<?php echo
base_url('assets/js/jquery-ui.
min.js'); ?>"></script >
<script src=<?php echo
base_url('assets/js/css3-
mediaqueries.js'); ?>"></script
>
<script src=<?php echo
base_url('assets/js/fwslider.
js'); ?>"></script >
<script src=<?php echo
base_url('assets/js/jquery.
easydropdown.js'); ?>"></script
>
<script src=<?php echo base_url
('assets/js/megamenu.js ')
;?>"></script >
<script>
    $(document).ready(
function() {
    $(".megamenu").megamenu();
})
```

```

36      });
37  </script>
38 <script src=><?php echo base_url('assets/js/jquery.jscrollpane.min.js');?>></script>
39 <script src=><?php echo base_url('assets/js/slides.min.jquery.js');?>></script>
40 <script src=><?php echo base_url('assets/js/jquery.etalage.min.js');?>></script> 74
41 <link href=><?php echo base_url('assets/css/etalage.css');?>
42 <script> 77
43     jQuery(document).ready( 78
44         function($) { 79
45             $('#etalage').etalage 80
46             ({ 81
47                 thumb_image_width: 360, 83
48                 thumb_image_height: 360, 84
49                 source_image_width: 900,
50                 source_image_height: 900, 85
51                 show_hint: true,
52                 click_callback: 86
53                 function(image_anchor, instance_id) {
54                     alert('Callback example:\nYou clicked
55                     on an image with the anchor:
56                     "' + image_anchor + "'\n(in
57                     Etalage instance: " + 87
58                     instance_id + ")");
59                 }
60             });
61         });
62     </script>
63 </head>
64 <body>
65     <div class="header-top">
66         <div class="wrap">
67             <div class="cssmenu">
68                 <?php if (!$this->session->userdata('username')) { ?>
69                     <ul>
70                         <li><a href=><?php echo site_url('home/login'); ?>>
71                             Log In</a></li> |
72                         <li><a href=><?php echo site_url('home/register'); ?>>
73                             Register</a></li>
74                     </ul>
75                 <?php } else { ?>
76                     <ul>
77                         <li>You are logged in as:<a href=><?php echo site_url('user'); ?>><?php echo $this->session->userdata('username') ?></a></li>
78                     </ul>
79                 <?php } ?>
80             </div>
81             <div class="clear"></div>
82         </div>
83     </div>
84     <div class="header-bottom">
85         <div class="wrap">
86             <div class="header-bottom-left">
87                 <div class="menu">
88                     <ul class="megamenu skyblue">
89                         <li class="active grid"><a href=><?php echo site_url('home/index'); ?>>Home</a></li>
90                         <li class="active grid"><a href=><?php echo site_url('home/about'); ?>>About</a></li>
91                         <li class="active grid"><a href=><?php echo site_url('home/browse_products'); ?>>Browse products</a></li>
92                         <li class="active grid"><a href=><?php echo site_url('home/request'); ?>>Request</a></li>
93                     </ul>
94                 </div>
95             </div>
96             <div class="header-bottom-right">
97                 <div class="search">
98                     <form action=><?php echo site_url('search/search_products'); ?>> method="post">
99                         <input type="text" name="term" class="textbox" value="Search Products" onfocus="this.value = '';" onblur="if (this.value == '') { this.value = 'Search Products'; }" />
100                        <input type="submit" value="Search" />
101                    </form>
102                </div>
103            </div>
104        </div>
105    </div>
106
```

```

        ="Subscribe" id="submit" name 24
        ="submit"> 25
96      </form> 26
97      <div id="response"> </div> 27
98          </div> 28
99          </div> 29
100         <div class="clear"></30
101     </div> 31
102   </div> 32
103   </div> 33
104   </div> 34
105   </style>
106
107   Listing 38: templates/user_header.php35
108
109   1 <!DOCTYPE html>
110   2 <html lang="en">
111   3
112   4 <head>
113   5
114   6     <meta charset="utf-8">
115   7     <meta http-equiv="X-UA-
116   8         Compatible" content="IE=edge">43
117   9     <meta name="viewport" content44
118   10         =width=device-width, initial-
119   11             scale=1">
120   12     <meta name="description" 45
121   13         content="">
122   14     <meta name="author" content 46
123   15         ="">
124
125   16     <title>LEAf-UPM</title>
126
127   17     <link rel="shortcut icon" type="47
128         image/x-icon" href="<?php echo
129             base_url('assets/images/leaf.
130             jpg');?&gt;" /&gt;
131
132   18     &lt;link href="<?php echo
133             base_url('assets/css/bootstrap.
134                 min.css');?&gt;" rel="stylesheet" 49
135             "&gt;
136
137   19     &lt;link href="<?php echo base_url
138             ('assets/css/dataTables.
139                 bootstrap.css');?&gt;" rel=" 50
140                 stylesheet" /&gt;
141
142   20     &lt;link href="<?php echo
143             base_url('assets/css/sb-admin
144                 -2.css');?&gt;" rel="stylesheet" 52
145             "&gt;
146
147   21     &lt;link href="<?php echo base_url
148             ('assets/css/style2.css');?&gt;" 54
149             rel="stylesheet"&gt;
150
151   22     &lt;link href="<?php echo base_url
152             ('assets/css/style3.css');?&gt;" 56
153             rel="stylesheet"&gt;
154
155   23     &lt;link href="<?php echo
156             base_url('assets/css/font-
157                 awesome/css/font-awesome.min.
158                 css');?&gt;" rel="stylesheet"&gt;
159
160   24   &lt;style&gt;
161   25       .modal-header, h4, .close {
162           background-color: #5cb85c;
163           color: white !important;
164           text-align: center;
165           font-size: 30px;
166       }
167
168   26   .modal-footer {
169       background-color: #f9f9f9 ;
170   }
171
172   27   .badge-error {
173       background-color: red ;
174   }
175
176   28   &lt;/style&gt;
177
178   29   &lt;script&gt;
179   30       $(document).ready(function(){
180           $("#myBtn").click(function(){
181               $("#myModal").modal();
182           });
183       });
184   &lt;/script&gt;
185
186
187   31   &lt;script src="<?php echo
188             base_url('assets/js/jquery.min.
189                 js');?&gt;"&gt;&lt;/script&gt;
190   32   &lt;script src="<?php echo
191             base_url('assets/js/bootstrap.
192                 min.js');?&gt;"&gt;&lt;/script&gt;
193   33   &lt;script src="<?php echo
194             base_url('assets/js/metisMenu.
195                 min.js');?&gt;"&gt;&lt;/script&gt;
196   34   &lt;script src="<?php echo
197             base_url('assets/js/sb-admin
198                 -2.js');?&gt;"&gt;&lt;/script&gt;
199   35   &lt;script src="<?php echo base_url
200             ('assets/js/dataTables.
201                 min.js');?&gt;"&gt;&lt;/script&gt;
201   36   &lt;script src="<?php echo base_url
202             ('assets/js/dataTables.
203                 bootstrap.min.js');?&gt;"&gt;&lt;/
204             script&gt;
205
206   37   &lt;script&gt;
207   38       $(document).ready(
208           function() {
209               $('#dataTables-
210                   example').DataTable({
211                   responsive: true
212               });
213           });
214   &lt;/script&gt;
215
216
217   39   &lt;script src="<?php echo base_url
218             ('assets/js/checker.js
219                 ');?&gt;"&gt;&lt;/script&gt;
220   40   &lt;script src="<?php echo base_url
221             ('assets/js/megamenu.js
222                 ');?>"></script>
223   41   <script>
224       $(document).ready(
225
226
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```

function() {
    $(".megamenu");
}
megamenu();
}
</script>
<script src=<?php echo base_url('assets/js/jquery.js')?>></script>
<script src=<?php echo base_url('assets/js/slides.min.jquery.js')?>></script>
<script src=<?php echo base_url('assets/js/jquery.etalage.min.js')?>></script>
<link href=<?php echo base_url('assets/css/etalage.css')?> rel="stylesheet">
<script>
    jQuery(document).ready(
        function($) {
            $('#etalage').etalage({
                thumb_image_width : 360,
                thumb_image_height: 360,
                source_image_width: 900,
                source_image_height: 900,
                show_hint: true,
                click_callback: function(image_anchor , instance_id) {
                    alert('Callback example:\nYou clicked on an image with the anchor:' + image_anchor + '\n(in Etalage instance: ' + instance_id + ')');
                }
            });
        });
    </script>
<script type="text/javascript">
    $(function() {
        $('span.stars').stars();
    });
$.fn.stars = function() {
    return $(this).each(function()
    {
        $(this).html('<span />').width(Math.max(0, (Math.min(5, parseFloat($(this).html()) * 16))));
    });
}

```

```

127          </a>
128          <ul class=" dropdown-menu dropdown-
129 messages">
130          <?php
131          for($i = 0;$i < sizeof(
132 $unread_convo_list);$i++) {
133          if($i == 10) {
134          break;
135          }
136          $hrefstr = "conversation/
137 prior_view_conversation/".
138 $unread_list_senderids[$i];
139          $mess_content =
140          $unread_convo_list[$i]>
141 content;
142          if(strlen($mess_content)
143 > 35) {
144          $mess_content = substr(168
145 $mess_content ,0 ,34);
146          }
147          echo "
148          <li>
149          <a href='".$site_url(
150 $hrefstr)."'
151          <div>
152          <i class='fa fa-
153 comment fa-fw'></i>
154          <strong>.
155          $unread_list_senders[$i].</
156 strong>
157          <span class='pull-
158 right text-muted'>
159          <em>.
160          $unread_convo_list[$i]>
161 date_message."</em>
162          </span>
163          </div>
164          <div>".$mess_content
165 .</div>
166          </a>
167          </li>
168          <li class='divider'></li
169 >
170          ";
171          }
172          <?php
173          if(sizeof(
174 $unread_notifications) > 0) {
175          echo "<span class='badge badge-
176 error '>".sizeof(
177 $unread_notifications)."
178 </span>";}
179          </?php
180          <ul class=" dropdown-menu dropdown-
181 alerts">
182          <?php
183          if(sizeof(
184 $unread_notifications) > 0) {
185          $ctr = 0;
186          foreach(
187 $unread_notifications as
188 $unread_notification) {
189          $ctr++;
190          if($ctr == 10) {
191          break;
192          }
193          $hrefstr = "
194 product_transaction/
195 prior_list_sold";
196          if($unread_notification->type
197 == 'trade_decision') {
198          $hrefstr = "trade/
199 prior_view_trade_buyer";
200          }
201          else if(
202 $unread_notification->type ==
203 'trade_request') {
204          $hrefstr = "trade/
205 prior_view_trade_seller";
206          }
207          else if(
208 $unread_notification->type ==
209 'transaction_decision') {
210          $hrefstr = "
211 product_transaction/
212 prior_list_bought";
213          }
214          else if(
215 $unread_notification->type ==
216 'product_request_deleted') {
217          $hrefstr = "request/
218

```

```

prior_product_requests";      222
190
191     }
192     else if(
193         $unread_notification->type ==223
194             'product_deleted') {
195                 $hrefstr = "product/ 224
196                 list_advertised";
197                 }
198                 else if(          225
199                     $unread_notification->type ==226
200                         'credibility') {
201                             $hrefstr = "user/    227
202                             prior_view_ratings";
203                             }
204                             else if(
205                                 $unread_notification->type ==
206                                     'product_disabled') { 228
207                                         $hrefstr = "product/ 229
208                                         prior_list_advertised"; 230
209                                         }
210                                         echo "           231
211                                         <li>           232
212                                         <a href="" . site_url( 233
213                                             $hrefstr) . '> 234
214                                             <i class='fa fa-usd 234
215                                                 fa-fw'></i>', 235
216                                             $unread_notification->
217                                                 description." 236
218                                                 <span class='pull- 236
219                                                 right text-muted small'>". 237
220                                             $unread_notification->
221                                                 date_notification."</span> 237
222                                                 </div>
223                                                 </a>           238
224                                                 </li>
225                                                 <li class='divider'></li 239
226 >";           239
227     }
228     }
229     ?>
230
231         <li>           241
232             <a          241
233                 class="text-center" href="<? 242
234                     php echo site_url(' 243
235                         notification/view_all'); ?>">244
236                         245
237                         strong>See All Notifications<246
238                         strong>          247
239                         248
240                         i class="fa fa-angle-right"></ 248
241                         i>           249
242                         </a>           249
243                         </li>           249
244                         </ul>           250
245                         </li>           251
246                         <li class=" 251
247                             dropdown">

```

<a class="dropdown-toggle" data-toggle="dropdown" href="#">

<i class="fa fa-user fa-fw"></i>

<?php

echo \$username; ?> <i class="fa fa-caret-down"></i>

</a>

<ul class="dropdown-menu dropdown-user">

<li><a href="<?php echo site\_url('logout'); ?>"><i class="fa fa-sign-out fa-fw"></i> Logout</a>

</li>

</ul>

</li>

</ul>

<div class="navbar-default sidebar" role="navigation">

<div class="sidebar-nav navbar-collapse">

<ul class="nav" id="side-menu">

<li class="sidebar-search">

<form action="<?php echo site\_url('search/index'); ?>" method="post">

<div class="input-group custom-search-form">

<input type="text" name="term" class="form-control" placeholder="Search Users">

<span class="input-group-btn">

<button class="btn btn-default" type="submit">

<i class="fa fa-search" style="font-size:18px"></i>

</button>

</span>

</div>

</form>

</li>

<li>

<a href="<?php echo site\_url('user'); ?>"><i class="fa fa-user fa-fw"></i> Profile</a>

</li>

<li>

<a href="<?php echo site\_url('home/index'); ?>"><i class="fa

Listing 39: about.php

```
<div class="login">
    <div class="wrap">
        <ul class="breadcrumb">
            <li><a href="#">Home</a> / About</li>
        </ul>
<h5 class="m_6">Localized E-
    Commerce Application for UP
    Manila</h5>
<p class="m_text">The Localized
    E-Commerce Application for
    University of the Philippines
    Manila (LEAf-UPM) is a web
    based management system
    designed and implemented by
    Harold James C. Decapia as a
    Special Problem for the BS
    Computer Science program. It
    has been coded using the PHP
    programming language with the
```

```

    help of the CodeIgniter      20
framework. It connects to the
database using MySQL. The
front-end user interface uses 21
Bootstrap , CSS , jQQuery ,
JavaScript and other third
party libraries and templates .
LEAf-UPM has been created      22
primarily to ease the buying , 23
selling and advertising of 24
products within the UP Manila
campus by centralizing all
sellers , buyers and products 25
to better connect and interact
with each other.</p>          26
6 </div>
7 </div>
8 <br /> <br /> <br /> <br /> <br 27
/> <br /> <br /> <br /> <br /> <br
/><br /><br />

```

Listing 40: acctreq.php

```

1 <div id="page-wrapper">          29
2   <div class="row">            30
3     <div class="col-lg-12">        31
4       <div class="panel 32
panel-default">
5         <div class="panel
-heading">
6           Account          33
7           Requests          34
8             </div>
9             <div class="panel 35
-body">
10            <form action="php echo
site_url('administrator/
manage_acctreq'); ?" method=" 36
post" onsubmit="return
confirm_update(); " >
11            <?php
12              $message = $this->session-> 39
flashdata("accreqs_message");
13              if (!empty($message)) {        40
14                echo "<div class='alert
alert-success alert-
dismissable '>".          41
15                  "<button type='button',
class='close' data-dismiss=
alert' aria-hidden='true'>& 42
times;</button>".          43
16                  "$message". "</div>"; 44
17              }
18              $message = $this->session-> 46
flashdata(" 47
accreqs_message_no_selected");
19              if (!empty($message)) {

```

```

echo "<div class='alert
alert-danger alert-dismissible
'>".          48
" <button type='button',
class='close' data-dismiss=
alert' aria-hidden='true'>& 49
times;</button>".          50
" $message". "</div>";      51
}
$acctreq_message_err =
$this->session->flashdata(" 52
acctreq_message_err");
if (!empty( 53
$acctreq_message_err)) {
echo "<div class='alert
alert-danger alert-dismissible
'>".          54
" <button type='button',
class='close' data-dismiss=
alert' aria-hidden='true'>& 55
times;</button>".          56
" $acctreq_message_err". 57
"</div>";          58
}
?>
<div class=" 59
dataTable_wrapper">
<table
class="table table-striped
table-bordered table-hover" id
="dataTables-example">
<thead>
<tr>
<th>Select </th>
<th> Date/Time Requested</th>
<th> Name </th>
<th> UPM ID </th>
<th> College </th>
<th> Email Address </th>
</tr>
</thead>
<tbody>
<?php
foreach ($acctreqs as
$acctreq) {
  $usertype = "
Organization";

```

```

48         if( $acctreq->isInd ==      79
49             1) {
50                 $usertype = "Individual";
51                 }
52                 echo "<tr >".           80
53                     "<td>". "<input type='checkbox' name='acctreqs[]'" 81
54                     value="" . $acctreq->id ."/>"    82
55                     ." </td>".           83
56                     "<td>". $acctreq->dateAcctReq ." </td>";   84
57                     if( $acctreq->isInd ==      85
58                         1) {
59                             echo "<td>". $acctreq->fName . " " . $acctreq->mName . " " . $acctreq->lName
60                             ." </td>";           86
61                             }
62                             else {
63                                 echo "<td>". $acctreq->orgName . </td>";   87
64                                 }
65                                 }
66                                 </td>";           94
67                                 </tr >";           95
68             }
69             ?>
70             </tbody>           96
71             </table>           96
72             </div>
73             <input type='button' value='Approve' class="btn btn-success" data-toggle="modal" data-target="#smallModal1" /> 97
74             <input type='button' value='Reject' class="btn btn-danger" data-toggle="modal" data-target="#smallModal2" /> 101
75             <div class="modal fade" id="smallModal1" tabindex="-1" role="dialog" aria-labelledby="smallModal" aria-hidden="true"> 103
76                 <div class="modal-dialog" 104
77                     <div class="modal-content">           105
78                         <div class="modal-header">           106
79                             <button type="button"           107
80                                 class="close" data-dismiss="modal" aria-hidden="true">&times;</button>
81                             <h4 class="modal-title" id="myModalLabel">Confirmation</h4>
82                         </div>
83                         <div class="modal-body">
84                             <b>Approve request/s? </b>
85                         </div>
86                         <div class="modal-footer">
87                             <button type="button" class="btn btn-default" data-dismiss="modal">Cancel</button>
88                         </div>
89                         <input type="submit" name="submit" value='Approve' class="btn btn-primary" />
90                         </div>
91                         </div>
92                         <div class="modal fade" id="smallModal2" tabindex="-1" role="dialog" aria-labelledby="smallModal" aria-hidden="true">
93                             <div class="modal-dialog modal-sm">
94                                 <div class="modal-content">
95                                     <div class="modal-header">
96                                         <button type="button" class="close" data-dismiss="modal" aria-hidden="true">&times;</button>
97                                         <h4 class="modal-title" id="myModalLabel">Confirmation</h4>
98                                     </div>
99                                     <div class="modal-body">
100                                         <b>Reject request/s? </b>
101                                     </div>
102                                     <div class="modal-footer">
103                                         <button type="button" class="btn btn-default" data-dismiss="modal">Cancel</button>
104                                         <input type="submit" name="submit" value='Reject' class="btn btn-primary" />
105                                         </div>
106                                         </div>
107                                         </div>

```

```

108      </div>                                22          </table>
109      </form>                                23          </div>
110          </div>                                24          <input type="submit" class="
111              </div>                                25          btn btn-default" value="Add"
112          </div>                                26          </form>
113      </div>                                27          </div>
114      </div>                                28          </div>
115 </div>                                29          </div>
116 </div>                                30          </div>
117 </body>                                31          </div>
118                                         32          </div>
119 </html>

```

Listing 41: add\_product\_category.php<sup>33</sup>

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel
panel-default">
5                 <div class="panel
-body">
6                     <h3>Add
product category</h3>
7                     <form action="php echo
site_url('product_category/add
'); ?&gt;" method="post"&gt;
8                         &lt;?php if (!empty(
$prodcat_message)) {
9                             echo "&lt;div class='alert
alert-danger alert-dismissible
'&gt;".'
10                                &lt;button type='button'
class='close' data-dismiss='
alert' aria-hidden='true'&gt;&amp;
times;&lt;/button&gt;".'
11                                "$prodcat_message". "
&lt;/div&gt;";
12                         }
13                         ?&gt;
14                         &lt;div class=""
table-responsive"&gt;
15                             &lt;table
class="table table-bordered
table-striped"&gt;
16                                 &lt;
tbody&gt;
17                                     &lt;tr&gt;
18                                         &lt;th&gt;Product Category Name
:&lt;/th&gt;
19                                         &lt;td&gt;&lt;input class="form-
control" type="text" name="
name" value="" /&gt;&lt;/td&gt;
20                                     &lt;/tr&gt;
21                                 &lt;/
tbody&gt;
</pre

```

Listing 42: admin.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <h1 class="page-
header">Notifications </h1>
5             </div>
6             <div class="row">
7                 <div class="col-lg-3 col-
md-6">
8                     <div class="panel
panel-primary">
9                         <div class="panel
-heading">
10                            <div class=""
row">
11                                <div
class="col-xs-3">
12                                    <i
class="fa fa-tasks fa-5x"></i>
13                                    <div
class="col-xs-9 text-right">
14                                        <div
class="huge"><?php echo
$new_acct_reqs; ?></div>
15                                        <div>
16                                            New Account Requests!</div>
17                                        </div>
18                                    </div>
19                                </div>
20                            </div>
21                            <a href="php
echo site_url('administrator/
acctreq'); ?&gt;"&gt;
22                                &lt;div class=""
panel-footer"&gt;
23                                    &lt;span
class="pull-left"&gt;View&lt;/span&gt;
</pre

```

```

24 <span class="pull-right"><i class="fa fa-arrow-circle-right"></i></span>
25 <div class="clearfix"></div>
26 </div>
27 </a>
28 </div>
29 </div>
30 <div class="col-lg-3 col-md-6">
31 <div class="panel panel-green">
32 <div class="panel-heading">
33 <div class="row">
34 <div class="col-xs-3">
35 <i class="fa fa-tasks fa-5x"></i>
36 </div>
37 <div class="col-xs-9 text-right">
38 <div class="huge">12</div>
39 <div>
40 New Product Requests!</div>
41 </div>
42 </div>
43 <a href="#">
44 <div class="panel-footer">
45 <span class="pull-left">View</span>
46 <span class="pull-right"><i class="fa fa-arrow-circle-right"></i></span>
47 <div class="clearfix"></div>
48 </div>
49 </a>
50 </div>
51 </div>
52 </div>
53 </div>
54 </div>
55 </div>
56 </div>
57 </body>
58 </html>

```

Listing 43: advertise.php

```

28      <th>Product Name: <span style = "color: red;">*</span></th>
29          <td><input class="form-control" type="text" name="name" value=<?php echo set_value('name');?>>/</td>
30      </tr>
31          <tr>
32              <th>Price: <span style = "color: red;">*</span></th>
33                  <td><input class="form-control" type="text" name="price" value=<?php echo set_value('price');?>>/</td>
34          </tr>
35          <tr>
36              <th>Quantity: <span style = "color: red;">*</span></th>
37                  <td><input class="form-control" type="text" name="qty" value=<?php echo set_value('qty');?>>/</td>
38          </tr>
39          <tr>
40              <th>Product Category: <span style = "color: red;">*</span>
41                  <td>
42                      <select name="category" class="form-control">
43                          <option value=""> 71
44                          Select Category</option>
45                          <?php
46                          foreach ($prodcats as $prodcat) {
47                              echo "<option value =". $prodcat->id . set_select('category', $prodcat->id).">". $prodcat->name."</option>"; 76
48                          }
49                          ?>
50                      </select>
51                  </td>
52          </tr>
53      <tr>
54          <th>Is Tradeable? <span style = "color: red;">*</span></th>
55          <td>
56              <input type="radio" name="isTrad" value="yes" <?php echo set_radio('isTrad', 'yes');?>> Yes</input>
57              <input type="radio" name="isTrad" value="no" <?php echo set_radio('isTrad', 'no');?>> No</input>
58          </td>
59      </tr>
60      <tr>
61          <th>Description: <span style = "color: red;">*</span></th>
62          <td>
63              <textarea class="form-control" name="description" rows="3"><?php echo set_value('description');?></textarea>
64          </td>
65      </tr>
66      <tr>
67          <th>Product Image: <span style = "color: red;">*</span></th>
68          <td><input type="file" name="file1" accept="image/x-png, image/gif, image/jpeg, image/jpg"></input></td>
69      </tr>
70      <tr>
71          <th>Other Images:</th>
72          <td><input type="file" name="other_files[]" accept="image/x-png, image/gif, image/jpeg, image/jpg" multiple></input></td>
73      </tr>
74      </tbody>
75      </table>
76      </div>
77      <input type="submit" class="btn btn-default" value="Advertise product" />
78      </form>
79      </div>
80      </div>
81  </div>
82  </div>
83  </div>
84

```

```

85 </body>
86
87 </html>
```

Listing 44: browse\_products.php

```

1 <div class="main">
2   <div class="wrap">
3     <div class="cont
span_2_of_3">
4       <h2 class="head">
Products Advertised</h2>
5         <?php if (!empty(
$no_records)) {
6           echo $no_records;
7           echo "
8             </div>
9             <div class='clear'></div>
10            <br /><br /><br /><br /><br
/><br /><br /><br /><br /><br />
11           </div>
12         ";
13       }
14     else {
15       ?>
16       <div class="mens-
toolbar">
17         <div class=" 48
pager">
18           <ul class
=dc_pagination dc_paginationA
dc_paginationA06">
19             <li >51
a href="#" class="previous"> 52
Pages</a></li >
20             <li >53
><?php echo $links; ?></li >
21               </ul> 54
22               <div >55
class="clear"></div>
23                 </div> 57
24                 <div class=" 58
clear"></div>
25                   </div> 60
26                   <?php
27                     $ctr = 0; 61
28                     foreach($product_advs as 62
$prod_adv) {
29                       $hrefurl = "product/
view_product/".$prod_adv->id;
30                       if ($ctr == 0) { 64
31                         echo "<div class='top-box
'>"; 65
32                         ?> 66
33                         ?> 67
34                         <div class=" 70
col_1_of_3 span_1_of_3"> 71
35           <a href
=<?php echo site_url($hrefurl)
; ?>>
36             <div class="inner_content
clearfix">
37               <div class="product_image
">
38                 <img src=<?php echo
base_url('assets/uploads /'.
$prod_adv->image);?>" alt="">
39               />
40             </div>
41             <?php
42               if ($prod_adv->isTrad ==
1) {
43                 echo "<div class='sale-
box1'><span class='on_sale
title_shop'>Tradeable</span></
div>";
44               }
45             ?>
46             <div class="price">
47               <div class="cart_left">
48                 <p class="title"><?php
echo $prod_adv->name; if ($this
->session->userdata('userid') ==
$prod_adv->userid) {echo "
49 br>(your product)" ;}?></p>
50               <div class="price1">
51                 <span class="actual">
52 P<?php echo $prod_adv->price;
53 ?></span>
54               </div>
55             </div>
56             <div class="cart_right">
57               </div>
58             <div class="clear"></div
>
59               </div>
60             <?php
61               $ctr = 0;
62               foreach($product_advs as
63               $prod_adv) {
64                 $hrefurl = "product/
view_product/".$prod_adv->id;
65                 if ($ctr == 0) {
66                   echo "<div class='top-box
'>"; 67
67                   <div class=" 68
clear"></div>
68                   ?> 69
69                   ?> 70
70                   <div class=" 71
rsidebar
71             </div>
```

```

    span_1_of_left">                                99   </form>
72  <form action=<?php echo           100  </div>
      site_url('home/          101   </div>
      filtered_products'); ?>"        102   <div class="clear"></div>
method="post">                                103 </div>
73  <section class="sky-104 <?php } ?>
form">
74  <h4>Categories </
h4>
75  <div class="row           1 <div id="page-wrapper">
row1 scroll-pane">                2   <div class="row">
76  <div class="            3   <div class="col-lg-12">
col col-4">                    4
77  <?php                  5   <div class="panel
foreach ($prodcats as         6   panel-default">
$prodcat) {                 7   <div class="panel
echo "          8   -heading">
79  <label class='checkbox'>  9   Buyer Reports
80  <input type='checkbox'     10  </div>
name='prodcat[]' value="" .       11 <div class="panel
$prodcat->id ."; if (!empty( 12
$checked)) { echo 'disabled ', 13
if (in_array($prodcat->id , 14
$checked)) {echo 'checked '}; } 15
echo "><i></i>". $prodcat->
name." 16
82  </label> 17
83  " ; 18
84  } 19
85  ?> 20
86  </div> 21
87  </div> 22
88  </section> 23
89  <section class="sky-form"> 24
90  <h4>Date</h4> 25
91  <div class="row           15 <th> Date of Report </th>
row1 scroll-pane">                16 <th> Reporter </th>
92  <div class="            17 <th> Buyer </th>
col col-4">                    18 <th> Description </th>
93  From: <           19 <th> Image </th>
input type="text" name=" 20
fromdate" class="inputbox" id 21
="datepicker1" <?php if (!empty 22
($fromdate)) { echo "value="" 23
$fromdate.", 'disabled'; } ?>/> 24
<br /> 25
94  To: <input type="text" 26
name="todate" class="inputbox" 27
id="datepicker2" <?php if (! 28
empty($todate)) { echo "value 29
="" . $todate.", 'disabled'; } 30
?>/>
</div>
</div>
</section>
<div class='submit'><input 26
type='submit' value='Browse' 27
/> </div>

```

Listing 45: buyer\_reports.php

```

1 <div id="page-wrapper">
2   <div class="row">
3     <div class="col-lg-12">
4       <div class="panel
panel-default">
5         <div class="panel
-heading">
6           Buyer Reports
7         </div>
8         <div class="panel
-body">
9           <div class=" 10 <table
dataTable-wrapper">
11             <thead
class="table table-striped
table-bordered table-hover" id
="dataTables-example">
12               <
13               <tr>
14                 <th> Date of Report </th>
15                 <th> Reporter </th>
16                 <th> Buyer </th>
17                 <th> Description </th>
18                 <th> Image </th>
19               </tr>
20             </thead>
21             <
22             <tbody>
23               <?php
24                 $ctr = 0;
25                 foreach ($reports as
26                   $report) {
27                     $hrefreport =
28                     administrator/view_report /
29                     $report->id ;
30                     echo "<tr>.
31                     "<td>". $report->
32                     date_report ."</td>".
33                     "<td>". $reporters [
34                     $ctr ] ."</td>".
35                     "<td>". $buyers[$ctr]
36                     ."</td>".

```

```
31             "<td>". $report->
32             description ."</td>".
33             "<td><a href=". 
34             site_url($hrefreport).">".
35             $report->image ."</a></td>".
36             "</tr >"; 
37             $ctr++;
38         }
39     ?>
40     tbody>
41             </table>
42             </div>
43             </div>
44             </div>
45             </div>
46             </div>
47 </div>
48 </div>
49 </body>
50
51 </html>
```

```
18
19             $ctr = 0;
20             $chatred = base_url('
21             assets/uploads /'. $file1 );
22             $chatblue = base_url('
23             assets/uploads /'. $file2 );
24             foreach ($messages as
25             $message) {
26                 if ($this->session->
27                 userdata('userid') == $message
28                 ->sender_id) {
29                     echo
30                     "<li class='right
31                     clearfix '>
32                     <span class='chat-img
33                     pull-right '>
34                     <img src='". $chatred
35                     .' ' alt='User Avatar ' class='
36                     img-circle ' height=50 width=50
37                     />
38                     </span>
39                     <div class='chat-body
40                    clearfix '>
41                     <div class='header'>
42                     <small class=' text
43                     -muted'>
```

Listing 46: conversation.php

```
1 <div id="page-wrapper"> 32
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel 33
5                 panel-default">
6                     <div class="panel 34
7                         -heading">
8                             Communication 36
9                             Log 37
10                            </div> 38
11                            <div class="panel 39
12                                -body">
13                                <div class=" 40
14                                    chat-panel 41
15                                    panel panel-default 42
16                                ">
17                                    <div 43
18                                        class="panel-heading">
19                                            <i 44
20                                                class="fa fa-comments fa-fw 45
21                                            "></i> Chat with <?php echo
22                                              $other_name; ?>
23                                          <div 46
24                                              class="btn-group pull-right">
25                                              </div 47
26                                          >
27                                          </div> 48
28                                          <div
29                                              class="panel-body">
30                                              <ul 49
31                                              class="chat">
32                                              <?php 50
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```

clock-o fa-fw'></i>".$message 7
->date_message."</small>
51           </div>          8
52           <p>".           .
53           $message->content." 9
54           </p>            .
55           </div>          ;
56           </li>";        10
57       }
58       $ctr++;          11
59   ?>           </ul>12
60           </div> 13
61           <div
62             class="panel-footer">
63               <form action="<?php $url="
64                 message/send_message /".
65                 $convo_id; echo site_url($url)
66                 ; ?>" method="post">
67                 <input type='hidden' name
68                 ='other_id' value='<?php echo
69                 $other_id; ?>'> 14
70
71               <div class="input-group">
72                 <input id="btn-input"
73                   type="text" name="content"
74                   class="form-control input-sm" 15
75                   placeholder="Type your message
76                   here..." /> 16
77               <span class="input-group
78                 -btn">
79                 <button class="btn btn-
80                   warning btn-sm" id="btn-chat"
81                   type="submit"> 17
82                   Send
83                 </button>
84               </span> 18
85           </div> 19
86           </form> 20
87           </div> 21
88           </div>
89           </div>
90           </div>
91       </div>
92   </div>

```

Listing 47: edit\_advertised.php

```

1 <div id="page-wrapper"> 22
2   <div class="row"> 23
3     <div class="col-lg-12"> 24
4       <div class="panel
5         panel-default"> 25
6           <div class="panel
7             -body">
8             <h3>Edit
9             product advertised</h3>

```

```

<?php if (!empty(
$edit_adv_message)) {
  echo "<div class='alert
  alert-danger alert-dismissible
  '>".
    "<button type='button'
  class='close' data-dismiss='
  alert' aria-hidden='true'>&
  times;</button>".
    " $edit_adv_message ". "</
  div>";
}
?>
<ul class="breadcrumb
breadcrumb_t"><a href="#">
Products Management</a> /<a
href='<?php echo site_url('
product/
view_product_advertised /'.
$product->id); ?>'> View
product</a> / Edit product
advertised</ul>
<form action="<?php echo
site_url('product/
edit_advertisement ') ; ?>"
method="post" enctype="multipart/form-data">
  <div class="table-responsive">
    <table
      class="table table-bordered
table-striped">
      <
      tbody>
        <input type="hidden" name
        ="product_id" value="<?php
echo $product->id; ?>" />
        <tr>
          <th>Product Name:</th>
          <td><input class="form-
control" type="text" name=
"name" value="<?php if (!empty(
set_value('name'))) { echo
set_value('name'); } else { echo
$product->name;}?>" disabled
/></td>
        </tr>
        <tr>
          <th>Price:</th>
          <td><input class="form-
control" type="text" name=
"price" value="<?php if (!empty(
set_value('price'))) { echo

```

Listing 48: edit\_product\_category.php

<div class="row">
 <div class="col-lg-12">
 <div class="panel panel-default">
 <div class="panel-body">

```

6           <h3>Rename   9           <div class="panel
7 product category</h3>          10      panel-default">
8     <form action=<?php echo    11      <div class="panel
site_url('product_category/  12      -body">
edit_proper'); ?>" method="  13      <h3>Edit
post">          14      Profile </h3>
9     <input type="hidden" name="  15      <?php if (!empty(
prodcatid" value=<?php echo  16      $edit_profile_mess)) {
$prodcat->id; ?>" />        17      echo "<div class='alert
18           <div class="table-  18      alert-danger alert-dismissible
responsive">          19      '>".
20           <table          20      "<button type='button'
class="table table-bordered  21      class='close' data-dismiss=
table-striped">          22      alert' aria-hidden='true'>&
23           <tbody>          23      times; </button >".
24           <tr>          24      "$edit_profile_mess". " </
25             <th>Product Category Name  25      div >";
26               <td><input class="form-  26      }
27               control" type="text" name=" 27      ?>
28               name" value=<?php echo  28      <form action=<?php echo
29               $prodcat->name; ?>" /></td>  29      site_url('user/
30           </tr>          30      edit_profile_info / '$user->id)
31           </tbody>          31      ; ?>" method="post" enctype="  32      multipart/form-data">
32           </table>          32      <div class="  33      table-responsive">
33           </div>          33      <table
34           <input type="submit" class="  34      class="table table-bordered
btn btn-default" value="Submit"  35      table-striped">
35           />          35      <tbody>
36           </form>          36      <tr>
37           </div>          37      <th>Name:</th>
38           </div>          38      <td><input class="form-  39      control" type="text" name="  40      name" value=<?php if (!empty(
39           </div>          40      set_value('name'))) { echo
40           </div>          41      set_value('name'); } else { echo
41           </div>          42      $user->name; ?>" /></td>
42           </div>          43      </tr>
43           </div>          44      <tr>
44           </div>          45      <th>Username:</th>
45           </div>          46      <td><input class="form-  47      control" type="text" name="  48      username" value=<?php if (!
46           </div>          49      empty(set_value('username'))) {
47           </div>          50      echo set_value('username');
48           </div>          51      } else { echo $user->username
49           </div>          52      ; ?>" /></td>
50           </div>          53      </tr>
51           </div>          54      <tr>
52           </div>          55      <th>
53           </div>          56      <td>
54           </div>          57      <input class="form-  58      control" type="text" name="  59      user_name" value=<?php if (!
55           </div>          60      empty(set_value('user_name'))) {
56           </div>          61      echo set_value('user_name');
57           </div>          62      } else { echo $user->user_name
58           </div>          63      ; ?>" /></td>
59           </div>          64      </tr>
60           </div>          65      <tr>
61           </div>          66      <th>
62           </div>          67      <td>
63           </div>          68      <input class="form-  69      control" type="text" name="  70      user_email" value=<?php if (!
64           </div>          71      empty(set_value('user_email'))) {
65           </div>          72      echo set_value('user_email');
66           </div>          73      } else { echo $user->user_email
67           </div>          74      ; ?>" /></td>
68           </div>          75      </tr>
69           </div>          76      <tr>
70           </div>          77      <th>
71           </div>          78      <td>
72           </div>          79      <input class="form-  80      control" type="text" name="  81      user_password" value=<?php if (!
73           </div>          82      empty(set_value('user_password'))) {
74           </div>          83      echo set_value('user_password');
75           </div>          84      } else { echo $user->user_password
76           </div>          85      ; ?>" /></td>
77           </div>          86      </tr>
78           </div>          87      <tr>
79           </div>          88      <th>
80           </div>          89      <td>
81           </div>          90      <input class="form-  91      control" type="text" name="  92      user_password_confirmation" value=<?php if (!
82           </div>          93      empty(set_value('user_password_confirmation'))) {
83           </div>          94      echo set_value('user_password_confirmation');
84           </div>          95      } else { echo $user->user_password_confirmation
85           </div>          96      ; ?>" /></td>
86           </div>          97      </tr>
87           </div>          98      <tr>
88           </div>          99      <th>
89           </div>          100     <td>
90           </div>          101     <input type="checkbox" name="  102     user_is_admin" value="1" checked="checked" />
91           </div>          103     </td>
92           </div>          104     </tr>
93           </div>          105     <tr>
94           </div>          106     <th>
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96           </div>          108     <input type="checkbox" name="  109     user_is_active" value="1" checked="checked" />
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98           </div>          111     </tr>
99           </div>          112     <tr>
100          </div>          113     <th>
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102          </div>          115     <input type="checkbox" name="  116     user_is_deleted" value="1" checked="checked" />
103          </div>          117     </td>
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105          </div>          119     <tr>
106          </div>          120     <th>
107          </div>          121     <td>
108          </div>          122     <input type="checkbox" name="  123     user_is_banned" value="1" checked="checked" />
109          </div>          124     </td>
110          </div>          125     </tr>
111          </div>          126     <tr>
112          </div>          127     <th>
113          </div>          128     <td>
114          </div>          129     <input type="checkbox" name="  130     user_is_spam" value="1" checked="checked" />
115          </div>          131     </td>
116          </div>          132     </tr>
117          </div>          133     <tr>
118          </div>          134     <th>
119          </div>          135     <td>
120          </div>          136     <input type="checkbox" name="  137     user_is_spammer" value="1" checked="checked" />
121          </div>          138     </td>
122          </div>          139     </tr>
123          </div>          140     <tr>
124          </div>          141     <th>
125          </div>          142     <td>
126          </div>          143     <input type="checkbox" name="  144     user_is_spammed" value="1" checked="checked" />
127          </div>          145     </td>
128          </div>          146     </tr>
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130          </div>          148     <th>
131          </div>          149     <td>
132          </div>          150     <input type="checkbox" name="  151     user_is_spamming" value="1" checked="checked" />
133          </div>          152     </td>
134          </div>          153     </tr>
135          </div>          154     <tr>
136          </div>          155     <th>
137          </div>          156     <td>
138          </div>          157     <input type="checkbox" name="  158     user_is_spammed_by" value="1" checked="checked" />
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141          </div>          161     <tr>
142          </div>          162     <th>
143          </div>          163     <td>
144          </div>          164     <input type="checkbox" name="  165     user_is_spammer_by" value="1" checked="checked" />
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147          </div>          168     <tr>
148          </div>          169     <th>
149          </div>          170     <td>
150          </div>          171     <input type="checkbox" name="  172     user_is_spammed_by_spammer" value="1" checked="checked" />
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154          </div>          176     <th>
155          </div>          177     <td>
156          </div>          178     <input type="checkbox" name="  179     user_is_spammed_by_spammer_by" value="1" checked="checked" />
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160          </div>          183     <th>
161          </div>          184     <td>
162          </div>          185     <input type="checkbox" name="  186     user_is_spammed_by_spammer_spammer" value="1" checked="checked" />
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168          </div>          192     <input type="checkbox" name="  193     user_is_spammed_by_spammer_spammer_by" value="1" checked="checked" />
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173          </div>          198     <td>
174          </div>          199     <input type="checkbox" name="  200     user_is_spammed_by_spammer_spammer_spammer" value="1" checked="checked" />
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180          </div>          206     <input type="checkbox" name="  207     user_is_spammed_by_spammer_spammer_spammer_by" value="1" checked="checked" />
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186          </div>          213     <input type="checkbox" name="  214     user_is_spammed_by_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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192          </div>          220     <input type="checkbox" name="  221     user_is_spammed_by_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
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197          </div>          226     <td>
198          </div>          227     <input type="checkbox" name="  228     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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204          </div>          234     <input type="checkbox" name="  235     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
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216          </div>          248     <input type="checkbox" name="  249     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
217          </div>          250     </td>
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222          </div>          255     <input type="checkbox" name="  256     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
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228          </div>          262     <input type="checkbox" name="  263     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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233          </div>          268     <td>
234          </div>          269     <input type="checkbox" name="  270     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
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240          </div>          276     <input type="checkbox" name="  277     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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246          </div>          283     <input type="checkbox" name="  284     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
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253          </div>          294     </td>
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258          </div>          299     <input type="checkbox" name="  300     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
259          </div>          301     </td>
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264          </div>          306     <input type="checkbox" name="  307     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
265          </div>          308     </td>
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268          </div>          311     <th>
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270          </div>          313     <input type="checkbox" name="  314     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
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274          </div>          318     <th>
275          </div>          319     <td>
276          </div>          320     <input type="checkbox" name="  321     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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280          </div>          325     <th>
281          </div>          326     <td>
282          </div>          327     <input type="checkbox" name="  328     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
283          </div>          329     </td>
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286          </div>          332     <th>
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288          </div>          334     <input type="checkbox" name="  335     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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293          </div>          340     <td>
294          </div>          341     <input type="checkbox" name="  342     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
295          </div>          343     </td>
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298          </div>          346     <th>
299          </div>          347     <td>
300          </div>          348     <input type="checkbox" name="  349     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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306          </div>          355     <input type="checkbox" name="  356     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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312          </div>          362     <input type="checkbox" name="  363     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_by" value="1" checked="checked" />
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317          </div>          368     <td>
318          </div>          369     <input type="checkbox" name="  370     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
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373          </div>          434     </td>
374          </div>          435     </tr>
375          </div>          436     <tr>
376          </div>          437     <th>
377          </div>          438     <td>
378          </div>          439     <input type="checkbox" name="  440     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
379          </div>          441     </td>
380          </div>          442     </tr>
381          </div>          443     <tr>
382          </div>          444     <th>
383          </div>          445     <td>
384          </div>          446     <input type="checkbox" name="  447     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
385          </div>          448     </td>
386          </div>          449     </tr>
387          </div>          450     <tr>
388          </div>          451     <th>
389          </div>          452     <td>
390          </div>          453     <input type="checkbox" name="  454     user_is_spammed_by_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer_spammer" value="1" checked="checked" />
391          </div>          455     </td>
392          </div>          456     </tr>
393          </div>          457     <tr>
394          </div>          458     <th>
3
```

```

31      <th>Password:</th>          55
32      <td>
33          <input type="checkbox"
34          name="changepass" onclick="
35          javascript:checkPassChange();"
36          id="changePass" ?><?php if(
37          set_value("changepass")) echo 57
38          "checked"; ?>/> Click to
39          change
40          <div id="showChangePass
41          " style="
42          ?><?php if (set_value(" 58
43          changepass")) {
44          echo "display: block
45          ;";
46          } else {
47          echo "display: none
48          ;";
49          }
50          ?>
51          >
52          <input class="form-
53          control" type="password" name
54          ="oldpassword" maxlength="20" 61
55          placeholder="Old Password"/>
56          <input class="form-
57          control" type="password" name
58          ="newpassword1" maxlength="20"62
59          placeholder="New Password"/>
60          <input class="form-
61          control" type="password" name
62          ="newpassword2" maxlength="20"63
63          placeholder="Re-enter New
64          Password"/>
65          </div>
66          </td>
67      </tr>
68      <tr>
69          <th>UPM ID:</th>
70          <td><input class="form-
71          control" type="text" name="
72          upmid" value=<?php if (!empty(
73          set_value('upmid'))) { echo 69
74          set_value('upmid'); } else {
75          echo $user->upmid;}?>/></td>
76      </tr>
77      <tr>
78          <th>College:</th>
79      <td>
80          <td>
81              <select name="college"
82              class="form-control">
83                  <option value="cas" ?>
84                  <?php if ($user->college=='cas')
85                  {echo "selected"; } ?>>
86                  College of Arts and Sciences</
87                  option>
88                  <option value="camp"
89                  ?><?php if ($user->college=='camp')
90                  {echo "selected"; } ?>>
91                  College of Allied Medical
92                  Professions</option>
93                  <option value="cd" ?>
94                  <?php if ($user->college=='cd')
95                  {echo "selected"; } ?>>College
96                  of Dentistry</option>
97                  <option value="cm" ?>
98                  <?php if ($user->college=='cm')
99                  {echo "selected"; } ?>>College
100                 of Medicine</option>
101                 <option value="cn" ?>
102                 <?php if ($user->college=='cn')
103                 {echo "selected"; } ?>>College
104                 of Nursing</option>
105                 <option value="cp" ?>
106                 <?php if ($user->college=='cp')
107                 {echo "selected"; } ?>>College
108                 of Pharmacy</option>
109                 <option value="cph" ?>
110                 <?php if ($user->college=='cph')
111                 {echo "selected"; } ?>>College
112                 of Public Health</option>
113                 </select>
114             </td>
115         </tr>
116         <tr>
117             <th>Email Address:</th>
118             <td><input class="form-
119             control" type="text" name="
120             email" value=<?php if (!empty(
121             set_value('email'))) { echo 69
122             set_value('email'); } else {
123             echo $user->email;}?>/></td>
124         </tr>
125         <tr>
126             <th>Contact Number:</th>
127             <td><input class="form-
128             control" type="text" name="
129             contactNum" value=<?php if (!

```

```

empty( set_value( 'contactNum' ) ) 8 <b>Password: </b>{password} <br
) { echo set_value( 'contactNum' ) />
' ); } else {echo $user->
contactNum;}?>" /></td>
73 </tr>
74 <tr>
75 <th>Upload new profile
picture</th>
76 <td><input type="file"
name="newdp"></input></td>
77 </tr>
78 </tbody>
79 </table>
80 </div>
81 <input type="submit" class=""
btn btn-default" value="Save
changes" />
82 </form>
83 </div>
84 </div>
85 </div>
86 </div>
87 </div>
88 </div>
89 </div>
90 </body>
92 </html>

```

Listing 50: email.php

```

1 <!DOCTYPE html>
2 <head>
3 </head>
4 <body>
5 This is a sample HTML FILE. Email
sent.
7 </body>
8 </html>

```

Listing 51: email\_credentials.php

```

1 <!DOCTYPE html>
2 <head>
3 </head>
4 <body>
5 Dear <b>{name}</b> <br/><br/>
6 Your account request has been
approved. Please use the
following username and
password as your log in
credentials: <br />
7 <b>Username: </b> {username} <br
/>

```

Listing 52: email\_deleted\_request.php

```

1 <!DOCTYPE html>
2 <head>
3 </head>
4 <body>
5 Dear <b>{name}</b> <br/><br/>
6 This is to inform you that the
product you requested has been
deleted from the LEAf-UPM
database. Most probably, it is
because: <br />
7 – The product has been in the
database for a long time
without any sellers who could
provide it. <br />
8 – We found out that the product
request is impossible to be
provided by any of the sellers
. <br />
9 – The product is already being
advertised. <br /> <br />
10 You may still request for a
product. Thank you! <br />
11 <br />
12 Regards, <br />
13 System Administrator <br />
14 Localized E-Commerce Application
for UP Manila (LEAf-UPM)
15 </body>
16 </html>

```

Listing 53: email\_rejected\_account.php

```

1 <!DOCTYPE html>
2 <head>
3 </head>
4 <body>
5 Dear <b>{name}</b> <br/><br/>
6 Your account request has been
rejected. Most probably, it is
because: <br />
7 – You are not a member of the UP
Manila community. <br />
8 – There is inconsistency in the
information you have provided
when registering <br />

```

```

9 - You have been marked as a not 26
      credible user of the system <      "<td>". $feedback->
      br /> <br />                  27      email ."</td>".
10 Please contact the System        "      "<td>". $feedback->
      Administrator if you want to 28      content ."</td>".
      have an approved account. 29      "</tr>";
      Thank you! <br />            30      }
11 <br />                      31      ?>
12 Regards , <br />          32      </
13 System Administrator <br />      tbody>
14 Localized E-Commerce Application 33      </table>
      for UP Manila (LEAf-UPM)       34
15 </body>                     35      </div>
16                               36      </div>
17 </html>                     37      </div>

```

Listing 54: feedback.php

Listing 55: home.php



```

91           <script src
92             =”<?php echo base_url('assets/
93               js/jquery.nivo.slider.js')    118
94             ;?>”></script>          119
95           <script type=120
96             =”text/javascript”>        121
97             $(window).load(function() { 122
98               $('#slider').nivoSlider(); 123
99             });
100            </script>
101            <div class=“123
102              slider-wrapper theme-default”> 124
103                <div id=“124
104                  slider” class=“nivoSlider”> 125
105                  <img src=”<?php echo base_url(
106                    'assets/images/up1.jpg') ;?>” 126
107                  alt="" />          127
108                  <img src=”<?php echo base_url(
109                    'assets/images/up2.jpg') ;?>” 128
110                  alt="" />          129
111                  <img src=”<?php echo base_url(
112                    'assets/images/up3.jpg') ;?>” 130
113                  alt="" />          131
114                  </div>          132
115                  </div>
116                  <div class=“133
117                    btn”><a href=”<?php echo
118                      site_url('home/browse_products
119                      ') ; ?>”>Check it Out</a></div>
120                    </div>
121                    <div class=“122
122                      top-border”> </div>
123                      <div class=“123
124                        sidebar-bottom”>
125                          <h2 class=“125
126                            m_1”>Feedback</h2>
127                          <p class=“127
128                            m_text”>Write your comments,
129                            suggestions , below:</p>
130                            <?php
131                              $error_mess = $this->
132                              session->flashdata("error_mess
133                                ");
134                              if (!empty($error_mess)) { 11
135                                echo '<span style = "color
136                                  : red;" >'. $error_mess.'</span
137                                >';
138                              }
139                              $success_mess = $this-> 13
140                              session->flashdata("
141                                success_mess");
142                              if (!empty($success_mess)) {
143                                echo '<span style = "color
144                                  : green;" >'. $success_mess.'</
145                                  span >';
146                              }
147                          ?>
148                          <div class=“149
149                            subscribe”>
150                            <form
151                              action=”<?php echo site_url(
152                                'feedback/send_feedback') ; ?>”
153                                method=“post”>
154                                <div
155                                  class=“text”>
156                                    <textarea name=“feedback”
157                                      placeholder=“Feedback”></
158                                      textarea>
159                                    </div>
160                                    <input type=“text” name=“
161                                      email” placeholder=“Email
162                                      Address” value=”<?php echo
163                                      set_value('email') ; ?>” />
164                                    <input type=“submit” value
165                                      =“Submit”>
166                                </form>
167                                </div>
168                                </div>
169                                </div>
170                                <div class=“clear”></div>

```

Listing 56: home\_viewproduct.php

```

1 <div class=“main”>
2   <div class=“wrap”>
3     <ul class=“breadcrumb
4       breadcrumb__t”><a class=“home”
5         href=”#”>Home</a> / <a href
6         =”#”>Products advertised </a> /
7         View product</ul>
8         <div class=“cont
9           span_2_of_3”>
10          <div class=“grid images_3_of_2
11            ”>
12            <ul id=“etalage”>
13              <li>
14                <a href=“”>
15                  <?php
16                    $file = 'assets/uploads / .
17                    $product_info->image;
18                  ?>
19                  <img
20                    class=“etalage_thumb_image”
21                    src=”<?php echo base_url($file
22                      ) ;?>” class=“img-responsive”
23                    />
24                  <img
25                    class=“etalage_source_image”
26                    src=”<?php echo base_url($file
27                      ) ;?>” class=“img-responsive”
28                    title=“” />

```

```

14                     </a>
15             </li>                               47
16
17             <?php
18                 if( sizeof($other_images) >
19                     0) {
20                     foreach($other_images as
21                         $other_image) {
22                             $file = 'assets/uploads /'.
23                                 $other_image->name;
24                             echo "
25                             <li>
26                                 <img class='
27                                     etalage_thumb_image' src='".$
28                                         base_url($file)."' class='img-
29                                         responsive' />
30                                 <img class='
31                                     etalage_source_image' src='".$
32                                         base_url($file)."' class='img-
33                                         responsive' title=' />
34                                 </li>
35                             ";
36                         }
37                     }
38                 ?>
39             </ul>                               58
40         <div class="clearfix 59
41     "></div>                               60
42         </div>
43         <div class="desc1       61
44             span_3_of_2">                62
45                 <h3 class="m_3"><?php
46                     echo $product_info->name;
47                 ?></h3>
48                 <p class="m_5">
49                     P<?php echo
50                         $product_info->price; ?>
51                     </p>
52
53             <div class="btn_form">
54                 <p class="m_4">Available
55                 Stock:<?php echo $product_info64
56                     ->quantity; ?></p>                65
57             <?php
58                 if($is_traded == 1) {           66
59                     echo "<p class='m_text2'>You67
60                     currently have a trade       68
61                     request with this product. 69
62                     Wait for the seller's decision70
63                     regarding your request.</p>";71
64                 }
65             ?>                                72
66             <?php if(( $this->session->
67                 userdata('userid')) && $this->
68                 session->userdata('userid')!= 75
69                 $product_info->userid && (
70                     $product_info->quantity > 0)
71                     && ($this->session->userdata( '76
72
73             userstype ') != 'admin') &&
74                 $is_traded == 0){ ?>
75                 <form action="<?php echo
76                     site_url('product_transaction/
77                     buy'); ?>" method="post">
78                     <select name="quantity"
79                         class="frm-field required">
80                         <option value='0'>Select
81                         Quantity</option>
82                         <?php
83                             for($i = 1; $i <=
84                                 $product_info->quantity; $i++)
85                             {
86                                 echo "<option value='".$
87                                     $i."' >".$i."</option>";
88                             }
89                         ?>
90                     </select>
91                     <input type="hidden" name="
92                         prodid" value="<?php echo
93                             $product_info->id; ?>"/>
94                     <input type="submit" value
95                         ="buy" onclick="return confirm
96                         ('Do you really want to buy
97                         this product ?');">
98                 </form>
99                 <?php
100                     if($product_info->isTrad ==
101                         1) { ?>
102                         <br />
103                         <form action="<?php echo
104                             site_url('trade/send_trade');
105                         ?>" method="post" enctype="
106                             multipart/form-data">
107                             <input type="checkbox" name
108                                 ="trade" value="1" onclick="
109                                     javascript:checkTrad();" id="
110                                     reqTrad" <?php if($this->input
111                                     ->post('trade')) {echo "
112                                         checked";} ?>/> Request for
113                                         trade
114                                         <div id="showTrad" style="
115                                             <?php if($this->input->post
116                                                 ('trade')) {
117                                                 echo "display: block;" ;
118                                             } else {
119                                                 echo "display: none;" ;
120                                             }
121                                         ?>
122                                         >
123                                         <br/>
124                                         <?php
125                                             if (!empty($trade_err))
126                                             {
127                                                 echo '<span style = "'
128                                                 color: red;" >'.$trade_err.'</
129                                                 span>';
130                                             }
131                                         }

```

```

77      ?>
78      <input type="hidden" name="prodid" value='<?php echo $product_info->id; ?>'> 109
79      <p class="code">Product Name:</p><input type="text" name="tradname" value="<?php echo set_value('tradname'); ?>" /> 110
80      <p class="code">Product Category:</p> 111
81      <select name="prodcat" class="frm-field required"> 114
82          <option value="">Select Product Category</option> 115
83          <?php
84              foreach($prodcats as $prodcat) { 116
85                  echo "<option value ='" . $prodcat->id . "'>" . $prodcat->name."</option>"; 117
86                  } 118
87                  ?>
88          </select> 119
89          <p class="code">Product Image:</p><input type="file" value="Upload" name="tradreq_file" /> 120
90          <p class="code">Product Description:</p> 121
91          <div class="text">
92              <textarea name="description" placeholder="Describe your product"></textarea> 124
93              </div> 125
94              <div class='submit'>
95                  <input type='submit' value='Request trade'> 126
96              </div> 127
97          </form> 128
98      </div> 129
99      <?php } ?> 130
100     <?php } ?> 131
101     <?php if (!$this->session->userdata('userid')) { ?> 132
102         <span class="m_link"><a href ='"<?php echo site_url('home/login'); ?>">Login to buy this product</a> </span> 133
103         <?php } ?> 134
104     </div> 135
105     <?php
106         if (!empty($this->session->flashdata('no_quantity'))) { 136
107             echo "<span style = 'color: red;'>". $this->session->flashdata('no_quantity') . "</span> 137

```

span>;  
 }  
 ?>  
<p class="m\_text2">  
 Advertised since: <?php echo \$product\_info->dateAdv; ?> <br />  
 Description:<?php  
 echo \$product\_info->description; ?>  
 </p>  
<p class="m\_text2">  
 <?php if (\$this->session->userdata('userid')) { \$url = "user/view\_user/" . \$product\_info->userid; ?>  
 Seller: <a href ='"<?php echo site\_url(\$url); ?>"><?php echo \$seller->name; ?></a>  
 <?php } ?>  
 <?php if (!\$this->session->userdata('userid')) { ?>  
 Seller: <?php echo \$seller->name; ?>  
 <?php } ?>  
 <br />Contact Number: <?php echo \$seller->contactNum; ?> <br />  
 Email Address: <?php echo \$seller->email; ?>  
 </p>  
 </div>  
 <div class="clear"></div>  
 <div class="clients">  
 <h3 class="m\_3"><?php  
 echo sizeof(\$same\_prodcats)  
 -1; ?> other Products in the  
 same category</h3>  
  
 <ul id="flexiselDemo3">  
 <?php  
 foreach(\$same\_prodcats as \$same\_prodcat) {  
 \$same\_prodcat\_name = \$same\_prodcat->name;  
 if (strlen(\$same\_prodcat\_name) > 12) {  
 \$same\_prodcat\_name = substr(\$same\_prodcat\_name, 0, 12) . '...';  
 }  
 if (\$product\_info->id != \$same\_prodcat->id) {  
 \$hrefurl = "product/view\_product/" . \$same\_prodcat->id;

```

138     echo "<li><img src="" .  

139     base_url('assets/uploads/'). 172  

140     $same_prodcat->image)." />".  

141     "<a href="" .site_url( 173  

142     $hrefurl)." '>".  

143     $same_prodcat_name." </a>". 174  

144     "<p>P". $same_prodcat->  

145     price." </p>".  

146     "</li>"; 175
147     } 176
148 ?> 177
149     </ul>
150     <script type="text/  

151 javascript"> 178
152         $(window).load( 179
153         function() { 180
154             $("#"#  

155             flexiselDemo1").flexisel(); 181
156             $("#"#  

157             flexiselDemo2").flexisel({ 182
158             enableResponsiveBreakpoints: 183
159             true, 184
160             responsiveBreakpoints: { 185
161             portrait: { 186
162                 changePoint: 480, 187
163                 visibleItems: 1 188
164             }, 189
165             landscape: { 190
166                 changePoint: 640, 191
167                 visibleItems: 2 192
168             }, 193
169             tablet: { 194
170                 changePoint: 768, 195
171                 visibleItems: 3 196
172             }, 197
173             });
174             $("#"#  

175             flexiselDemo3").flexisel({ 198
176                 visibleItems: 5, 199
177                 animationSpeed: 1000, 200
178                 autoPlay:
179             false,
180             autoPlaySpeed: 3000,
181             pauseOnHover: true,
182             enableResponsiveBreakpoints:
183             true,
184             responsiveBreakpoints: {
185             portrait: {
186                 changePoint: 480,
187                 visibleItems: 1
188             },
189             landscape: {
190                 changePoint: 640,
191                 visibleItems: 2
192             },
193             tablet: {
194                 changePoint: 768,
195                 visibleItems: 3
196             }
197             });
198             </script>
199             <script src=<?php
200             echo base_url('assets/js/
jquery.flexisel.js');?>></
script>
201             </div>
202             <div class="togle">
203             <h3 class="m_3">Reminders when
204             buying or trading:</h3>
205             <p class='m_text'>
206             1. Pay the price to the
207             seller as soon as possible to
208             avoid cancellation of the
209             product transaction. <br />
210             2. If the product transaction
211             has been cancelled, you can
212             still buy the product. However
213             , make sure you were able to
214             agree to the seller's terms on
215             buying the product. <br />
216             3. You cannot trade for a
217             product twice. Wait for the

```

status of the previous trade  
you requested for the product 228  
if it has been approved or  
rejected by the seller. <br />  
202 4. Buying the product from  
this system does not guarantee  
a 100% assurance that you  
will get the product for it  
depends on the seller's 229  
credibility. You might want to  
check his/her profile first  
before buying. In addition,  
you may message the System  
Administrator if you want to  
report a seller regarding his 230  
her credibility. 231

203 </p> 232

204 </div> 233

205 </div> 234

206 <div class="rsingle  
span\_1\_of\_single"> 235

207 <form action="php echo<br/site\_url('home/  
filtered\_products'); ?>" 236  
method="post"> 237

208 <section class="sky- 239  
form"> 240

209 <h4>Categories</h4> 241

210 <div class="row 243  
row1 scroll-pane">

211 <div class=" 244  
col col-4">

212 <?php 1  
213 foreach (\$prodcats as 2  
\$prodcat) { 3

214 echo " 2

215 <label class='checkbox'> 4

216 <input type='checkbox' 5  
name='prodcat[]' value=''.  
\$prodcat->id.''; if (!empty( 5  
\$checked)) { echo 'disabled ';  
if (in\_array (\$prodcat->id,  
\$checked)) {echo 'checked';}  
echo "><i></i>". \$prodcat->  
name." 6

217 </label> 6

218 " ; 7

219 } 7

220 ?> 8

221 </div> 8

222 </div> 8

223 </section> 8

224 <section class="sky-form"> 9

225 <h4>Date</h4> 10

226 <div class="row 11  
row1 scroll-pane">

227 <div class=" 12

```

col col-4">
    From: <
    input type="text" name="fromdate" class="inputbox" id="datepicker1" <?php if (!empty($fromdate)) { echo "value='". $fromdate."'" . $fromdate."'" . ' disabled"; } ?>/>
<br />
    To: <input type="text" name="todate" class="inputbox" id="datepicker2" <?php if (!empty($todate)) { echo "value='". $todate."'" . $todate."'" . ' disabled"; } ?>/>
        </div>
        </div>
    </section>

<div class='submit'><input type='submit' value='Browse' /> </div>
</form>
</div>
    <div class="clear"></div>
</div>
    <div class="clear"></div>

div>
div>

    Listing 57: login.php
iv class="login">
    <div class="wrap">
        <div class="col_1_of_login span_1_of_login">
            <h4 class="title">New Users </h4>
            <p align="justify">In order to buy and/or sell products, you need to log on the system. If you do not have an account yet, you may register by clicking the button below.</p>
            <div class="button1">
                <a href=<?php echo site_url('home/register') ; ?>>
                    <input type="submit" name="Submit" value="Register">
                </a>
            </div>
            <div class="clear"></div>
        div>
            </div>

```

Listing 57: login.php

```

13         <div class=" 40
14             col_1_of_login span_1_of_login
15             ">
16                 <div class="login-
17                     title"> 41
18                     <h4 class="title 42
19                         "Registered Users</h4>
20                         <div id="loginbox 43
21                             " class="loginbox">
22                             <form action 44
23                             ="<?php echo site_url('login') 45
24                             ; ?>" method="post" name=" 46
25                             login" id="login-form">
26                             <?php 47
27                             if (!empty($login_error)) { 48
28                             echo '<span style = "color 49
29                             : red;">'. $login_error .</span>
30                             >; 50
31                             }
32                             if (form_error('username')) 51
33                             {
34                             echo '<span style = "color 52
35                             : red;">Please input username 53
36                             </span>.'<br>; 54
37                             }
38                             if (form_error('password')) 55
39                             {
40                             echo '<span style = "color 56
41                             : red;">Please input password 57
42                             </span>'; 58
43                             }
44                             ?>
45                             <fieldset class="input">
46                             <p id 59
47                             ="login-form-username">
48                             <label for="modlgn-username"> 60
49                             Username</label>
50                             <input id="modlgn-username" 61
51                             type="text" name="username" 62
52                             class="inputbox" size="18" 63
53                             autocomplete="off">
54                             </p>
55                             <p id 64
56                             ="login-form-password">
57                             <label for="modlgn-passwd"> 65
58                             Password</label>
59                             <input id="modlgn-passwd" type 66
60                             ="password" name="password" 67
61                             class="inputbox" size="18" 68
62                             autocomplete="off">
63                             </p>
64                             <div
65                             class="remember">

```

Listing 58: product\_advertised.php

```
iv id="page-wrapper">
<div class="row">
    <div class="col-lg-12">
        <div class="panel panel-default">
            <div class="panel-heading">
                Products
                Advertised <a href=<?php echo site_url('product/view_advertised'); ?>>Grid view</a>
            </div>
            <div class="panel-body">
                <?php
                    if (!empty($deact_message)) {
                        echo "<div class='alert alert-success alert-dismissible'>". "<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>". "$deact_message". "</div>";
                    }
                ?>
                <div class="dataTable_wrapper">
                    <table class="table table-striped table-bordered table-hover" id="dataTables-example">
```

```

18          <      54
19      thead>           55             </div>
20          tr>           56             </div>
21              <th> Name </th>           57             </div>
22          th>           58             </div>
23              <th> Date/Time Advertised</th> 59             </div>
24          th>           60             </div>
25              <th> Category </th>           61             </body>
26          th>           62             </html>
27              <th> Price </th>
28          th>           63
29      <?php
30          $ctr = 0;
31      foreach($product_advs as
32          $product_adv) {
33          $isTrad = "No";
34          $hrefurl = "product/
35          view_product_advertised /".
36          $product_adv->id;
37          if ($product_adv->isTrad
38          == 1) {
39              $isTrad = "Yes";
40              echo "<tr>".           10
41                  "<td><a href=".    11
42                  site_url($hrefurl)."'. 12
43                  $product_adv->name ."
44                  "</a></td>".        13
45                  "<td>". $product_adv
46                  ->dateAdv ."</td>".   14
47                  "<td>".           15
48                  $prodcats_name[$ctr] ."
49                  "<td>P". $product_adv
50                  ->price ."</td>".   16
51                  "<td>". $isTrad     17
52                  ."</td>".           18
53                  "<td>". $product_adv
54                  ->isActive ."</td>". 19
55                  "</tr>";           20
56          $ctr++;
57      }
58  ?>
59
60      tbody>           21
61          </table>           22
62      </div>           23
63

```

Listing 59: product\_bought.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel
5                 panel-default">
6                     <div class="panel
7                         -heading">
8                         Products
9                         Bought <a href="<?php echo
10                         site_url('product_transaction/
11                         view_bought'); ?>">Grid view</
12                         a>
13                         </div>
14                         <div class="panel
15                         -body">
16                         <?php
17                             if (!empty($deact_message)) {
18                                 echo "<div class='alert
19                                     alert-success alert-
20                                     dismissible'>.
21                                     <button type='button',
22                                         class='close' data-dismiss=
23                                         alert' aria-hidden='true'>&
24                                         times;</button>.
25                                     $deact_message". " </div
26                                     >";
27                         }
28                     ?>
29                     <div class="
30                         dataTable_wrapper">
31                         <table class
32                         ="table table-striped table-
33                         bordered table-hover" id="
34                         dataTables-example">
35                         <
36                         thead>
37                         <
38                         tr>
39                             <th> Name </th>
40                             <th> Date/Time Bought</th>
41                             <th> Category </th>
42                             <th> Price (each)</th>

```

```

25      <th> Quantity </th>          60
26      <th> Seller </th>           61 </html>
27      <th> Status </th>
28  </tr>
29  </thead>                     </
30  <tbody>                      <
31      <?php
32          $ctr = 0;
33          foreach($products_bought
34              as $product_bought) {
35              $hrefurl =
36                  product_transaction/
37                  view_transaction/. .
38                  $product_bought->id;
39                  echo "<tr>". .
40                  "<td><a href='". .
41                  site_url($hrefurl). "'>". .
42                  $product_names[$ctr] . "</a></
43                  td>". .
44                  "<td>". .
45                  $product_bought->
46                  dateTransaction ." </td>". .
47                  "<td>". .
48                  $prodcats_name[$ctr] . "</td>" . .
49                  "<td>". .
50                  $product_sellers[$ctr] . "</td
51                  >". .
52                  "<td>". .
53                  $product_bought->status ." </td
54                  >". .
55                  "</tr>"; .
56                  $ctr++;
57  </tbody>                     </
58  </div>
59 </body>

```

Listing 60: product\_category.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel
5                 panel-default">
6                     <div class="panel
7                         -heading">
8                         Product
9                         Categories
10                        </div>
11                        <div class="panel
12                            -body">
13                            <form action="<?php echo
14                                site_url('product_category/
15                                edit'); ?>" method="post">
16                                <?php
17                                $prodcat_mess = $this->
18                                session->flashdata(
19                                'prodcat_mess');
20                                if (!empty($prodcat_mess)) {
21                                    echo "<div class='alert
22                                    alert-success alert-
23                                    dismissible'>". .
24                                    "<button type='button',
25                                    class='close' data-dismiss=
26                                    'alert' aria-hidden='true'>&
27                                    times;</button>". .
28                                    "$prodcat_mess". "</div
29                                    >";
30                                }
31                                $edit_err = $this->session->
32                                flashdata('edit_err');
33                                if (!empty($edit_err)) {
34                                    echo "<div class='alert
35                                    alert-danger alert-
36                                    dismissible'>". .
37                                    "<button type='button',
38                                    class='close' data-dismiss=
39                                    'alert' aria-hidden='true'>&
40                                    times;</button>". .
41                                    "$edit_err". "</div>";
42                                }
43                                $edit_success = $this->
44                                session->flashdata(
45                                'edit_success');
46                                if (!empty($edit_success)) {
47                                    echo "<div class='alert
48                                    alert-success alert-
49                                    dismissible'>". .
50                                    "<button type='button',
51                                    class='close' data-dismiss=
52                                    'alert' aria-hidden='true'>&
53                                    times;</button>". .
54                                    "$edit_success". "</div>";
55                                }
56                            </form>
57                        </div>
58                    </div>
59                </div>
60            </div>
61        </div>
62    </div>
63</div>

```

```

28         "$edit_success". "</div> 60
29     >";
30     }
31     if (!empty($prodcat_message)) {
32     echo "<div class='alert
32     alert-success alert-
32     dismissable'>.
33     "<button type='button'
33     class='close' data-dismiss=
33     alert' aria-hidden='true'>&
33     times;</button>.
34     "$prodcat_message". "</
34     div>";
35     }
36     ?>
37     <div class=" 6
37     dataTable-wrapper">
38         <table
38     class="table table-striped
38     table-bordered table-hover" id 7
38     ="dataTables-example">
39             <
39     thead>
39             < 8
39     tr>
40                 <th> Select </th>
41
42                 <th> Name </th>
43             </tr>
44             </
44     thead>
45             <
45     tbody>
46                 <?php
47                     foreach($prod_cats as 14
47     $prod_cat) {
48                         echo "<tr>.
49                         "<td><input type=' 15
49     radio' name='categories' value
49     ='". $prod_cat->id ."/></td>
50                         >".
50                         "<td>". $prod_cat-> 16
50     name ."</td>".
51                         "</tr>";
52                     }
53                 ?>
54             </
54     tbody>
55         </table> 19
56
57             <div> 20
58                 <input type='submit' name=
58     submit' value='Rename' class=" 21
58     btn btn-default"/>
59             </form>

```

Listing 61: product\_requests.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4
5             <div class="panel
5             panel-default">
6                 <div class="panel
6             -heading">
7                     Product
8                     Requests <a href='
9                     product_requests_grid'>Grid
10                    View</a>
11
12                     </div>
13                     <div class="panel
13             -body">
14                         <form action="<?php echo
14     site_url('request/
14     manage_request'); ?>" method=" 15
14     post" onsubmit="return
14     confirm_update(); " >
15                         <?php
16                             $prodreq_message = $this->
16     session->flashdata("
16     prodreq_message");
17                             if (!empty($prodreq_message))
18                             {
19                                 echo "<div class='alert
19     alert-success alert-
19     dismissable'>.
20                                 "<button type='button'
20     class='close' data-dismiss=
20     alert' aria-hidden='true'>&
20     times;</button>.
21                                 "$prodreq_message". "</
21     div>";
22                             }
23                             $prodreq_message = $this->
23     session->flashdata("
23     prodreq_message_no");
24                             if (!empty($prodreq_message))
25                             {
26                                 echo "<div class='alert
26     alert-danger alert-dismissible
26     '>.
27                                     "<button type='button'
27     class='close' data-dismiss=
27     alert' aria-hidden='true'>&
27     times;</button>.
28                                     "$prodreq_message". "</
28     div>";
29                             }
30                         }
31                     </div>
32
33                     <div class="panel
33             panel-default">
34                         <div class="panel
34             -heading">
35                             Product
35                             Requests <a href='
36                             product_requests_grid'>Grid
36                             View</a>
37
38                         </div>
39                         <div class="panel
39             -body">
40                             <form action="<?php echo
40     site_url('request/
40     manage_request'); ?>" method=" 41
40     post" onsubmit="return
40     confirm_update(); " >
41                         <?php
42                             $prodreq_message = $this->
42     session->flashdata("
42     prodreq_message");
43                             if (!empty($prodreq_message))
44                             {
45                                 echo "<div class='alert
45     alert-success alert-
45     dismissable'>.
46                                 "<button type='button'
46     class='close' data-dismiss=
46     alert' aria-hidden='true'>&
46     times;</button>.
47                                 "$prodreq_message". "</
47     div>";
48                             }
49                             $prodreq_message = $this->
49     session->flashdata("
49     prodreq_message_no");
50                             if (!empty($prodreq_message))
51                             {
52                                 echo "<div class='alert
52     alert-danger alert-dismissible
52     '>.
53                                     "<button type='button'
53     class='close' data-dismiss=
53     alert' aria-hidden='true'>&
53     times;</button>.
54                                     "$prodreq_message". "</
54     div>";
55                             }
56                         </div>
57
58                         <div class="panel
58             panel-default">
59                             <div class="panel
59             -heading">
60                                 Product
60                                 Requests <a href='
61                                 product_requests_grid'>Grid
61                                 View</a>
62
63                             </div>
64                             <div class="panel
64             -body">
65                                 <form action="<?php echo
65     site_url('request/
65     manage_request'); ?>" method=" 66
65     post" onsubmit="return
65     confirm_update(); " >
66
67
68 </html>

```

```

times;</button>”.
22         ”$prodreq_message”. ”</ 53
div>”;
23     } 54
24     $prodreq_message_err = 55
$this->session->flashdata(”
prodreq_message_err”);
25     if (!empty( 56
26     $prodreq_message_err)) {
echo ”<div class='alert
alert-danger alert-dismissible’>”.
27             ”<button type='button' 59
class='close' data-dismiss='
alert' aria-hidden='true’>&
times;</button>”. 60
28             ”$prodreq_message_err”.
”</div>”; 61
29     }
30     ?> 62
31
32     <div class=” 63
dataTable_wrapper”> 64
33             <table 65
class=”table table-striped
table-bordered table-hover” id
=”dataTables-example”> 66
34                     < 67
thead>
35                     <68
tr>
36                         <?php 69
37                             if ($this->session-> 70
userdata(’usertype’) == ’admin’
’) { 71
38                             echo ”<th> Delete </th” 73
>”;
39                             } 74
40                         ?> 75
41                         <th> Product Name </th> 76
42                         <th> Date Requested </th> 77
43                     > 78
44                         <th> Requested by </th> 79
45                         <th> Email Address </th>
46                         <th> Description </th>
47                     </tr> 80
48                     </thead> 81
49                     <
50                     tbody>
51                         <?php 82
52                             foreach(
$product_requests as $prod) { 83
$hrefstr = ”request/
view_request /”.$prod->id ;
      $hrefseller = ”user/
view_user /”.$prod->userid ;
      echo ”<tr >”;
      if ($this->session->
userdata(’usertype’) == ’admin
’)
      echo ”<td>”. ”<input
type=’radio’ name=’prodreqs’
value=’”. $prod->id.”’/></td>”;
      }
      echo
      ”<td><a href=”. site_url($hrefstr).” >”. $prod->
prodName .”</a></td>”.
      ”<td>”. $prod->
date_request .”</td>”;
      if ($prod->userid == 0)
{
      echo ”<td>”. $prod->
name .”</td>”;
      }
      else {
      echo ”<td><a href=”. site_url($hrefseller).” ’>”. $prod->name .”</a></td>”;
      }
      echo ”<td>”. $prod->
email .”</td>”.
      ”<td>”. $prod->
prod_description .”</td>”.
      ”</tr >”;
      ?
>

```

</tbody>

</table>

</div>

<?php

if (\$this->session->userdata(’usertype’) == ’admin’) { ?>

<input type=’button’ name=’
submit’ value=’Delete Request’
class=”btn btn-danger” data-
toggle=’modal’ data-target=’#’
smallModal1” />

<div class=’modal fade’ id
=’smallModal1’ tabindex=’-1’
role=’dialog’ aria-labelledby
=’smallModal’ aria-hidden=’
true’>

<div class=’modal-dialog
modal-sm’>

<div class=’modal-content
’>

```

84          <div class="modal-header" 10
85            "> 11
86              <button type="button" 12
87                  class="close" data-dismiss=" 13
88                      modal" aria-hidden="true">& 14
89                      times;</button>
90                      <h4 class="modal-title" 15
91                          id="myModalLabel">Confirmation
92                          </h4>
93                      </div>
94                      <div class="modal-body">
95                          <b>Delete this product 16
96                          request? </b>
97                      </div>
98                      <div class="modal-footer" 17
99                      ">
100                     <button type="button" 18
101                         class="btn btn-default" data- 19
102                             dismiss="modal">Cancel</button>
103                     >
104                     <input type="submit" name="submit" 20
105                         value="Delete Request" class="btn btn-primary" />
106                     </div>
107                     </div>
108                     </div>
109
110 </html>

```

Listing 62: product\_sold.php

```

1 <div id="page-wrapper">
2   <div class="row">
3     <div class="col-lg-12"> 27
4
5       <div class="panel 28
6           panel-default">
7           <div class="panel 29
8               -heading">
9                   Products Sold31
10                  <a href="<?php echo site_url('product_transaction/view_sold'); ?>">Grid view</a>32
11                  </div>
12                  <div class="panel 33
13                      -body">

```

```

<?php
$edit_sold_status_message =
$this->session->flashdata("edit_sold_status_message");
if (!empty($edit_sold_status_message)) {
    echo "<div class='alert alert-success alert-dismissible'>". 14
        "<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>". 15
    $edit_sold_status_message . 16
    "</div>";
}
$edit_sold_status_message =
$this->session->flashdata("edit_sold_status_message_no");
if (!empty($edit_sold_status_message)) {
    echo "<div class='alert alert-danger alert-dismissible'>". 17
        "<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&times;</button>". 18
    $edit_sold_status_message . 19
    "</div>";
}
<form action="<?php echo site_url('product_transaction/edit_sold_status'); ?>" method="post" onsubmit="return confirm_update();">
    <div class="dataTable-wrapper">
        <table class="table table-striped table-bordered table-hover" id="dataTables-example">
            <thead>
                <tr>
                    <th> Select </th>
                    <th> Name </th>

```

```

                    <th> Date/Time Sold</th>
                    <th> Category </th>
                    <th> Transaction Type/Price (each) </th>
                    <th> Quantity </th>

```

```

35      <th> Buyer </th>          64
36      <th> Status </th>         65
37      </tr>                      66
38      </thead>                  67
39      <tbody>                   68
40      <?php                     69
41          $ctr = 0;             70
42          foreach($products_sold
43          as $product_sold) {
44              $hrefurl = "
45                  product_transaction/
46                  view_transaction/".
47                  $product_sold->id;
48                  $price = "";
49                  echo "<tr>";
50                  if ($product_sold->
51                      status == 'UNPAID') {
52                      echo "<td>". "<input
53                          type='radio' name='sold_prod'
54                          value='". $product_sold->id
55                          ." '/> ." </td>";
56                  } else {
57                      echo "<td>". "<input
58                          type='radio' name='sold_prod'
59                          value='". $product_sold->id .'
60                          disabled/> ." </td>";
61                  }
62                  if ($product_sold->
63                      transaction_type == 'REGULAR')
64                  {
65                      $price = "/".
66                      $product_prices[$ctr];
67                  }
68                  echo
69                  "<td><a href='". site_url($hrefurl) ." '>".
70                      $product_names[$ctr] ." </a></
71                      td>".           82
72                      "<td>". $product_sold
73                      ->dateTransaction ." </td>".     83
74                      "<td>". $product_sold
75                      ->dateTransaction ." </td>".     84
76                      "<td>". $product_sold
77                      ->dateTransaction ." </td>".     85
78                      "<td>". $product_sold
79                      ->dateTransaction ." </td>".     86
80                      "<td>". $prodcats_name[$ctr] ." </td>".   87
81                      "<td>". $product_sold
82                      ->transaction_type . $price ." </
83                      td>".           88
84                      "<td>". $product_sold
85                      ->quantity ." </td>".           89
86                      "<td>". $product_buyers[$ctr] ." </td
87                      >".           90
88                      "<td>". $product_sold->status ." </td
89                      >".           91
90
91
92

```

```

>".
                                "</tr >";
                                $ctr++;
                            }
                        ?>
                    </
                tbody>
                    </table>
                </div>
                <input type='button' name='
submit' value='Mark as paid'
class="btn btn-success" data-
toggle="modal" data-target="#
smallModal1"/>
                <input type='button' name='
submit' value='Cancel
transaction' class="btn btn-
danger" data-toggle="modal"
data-target="#smallModal2" />
                <div class="modal fade" id="
smallModal1" tabindex="-1"
role="dialog" aria-labelledby="
smallModal" aria-hidden="
true">
                    <div class="modal-dialog
modal-sm">
                        <div class="modal-content">
                            <div class="modal-header">
                            <button type="button"
class="close" data-dismiss="
modal" aria-hidden="true">&
times;</button>
                            <h4 class="modal-title" id
="myModalLabel">Confirmation</
h4>
                            </div>
                            <div class="modal-body">
                                <b>Are you sure you want
to mark this product as PAID?
</b>
                            </div>
                            <div class="modal-footer">
                                <button type="button"
class="btn btn-default" data-
dismiss="modal">Cancel</button
>
                                <input type="submit" name='
submit' value='Yes' class="btn
btn-primary" />
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

93      <div class="modal fade" id="8
94          smallModal2" tabindex="-1"      9
95          role="dialog" aria-labelledby="smallModal" aria-hidden="10
96          true">
97          <div class="modal-dialog" 11
98              modal-sm">
99              <div class="modal-content">
100                 <div class="modal-header" 12
101                     ">
102                     <button type="button"
103                         class="close" data-dismiss="13
104                         modal" aria-hidden="true">&
105                         times;</button>        14
106                     <h4 class="modal-title" id="15
107                         myModalLabel">Confirmation</16
108                     h4>
109                     </div>                17
110                     <div class="modal-body">
111                         <b>Are you sure you want 18
112                         to cancel this product
113                         transaction? </b>        19
114                     </div>                20
115                     <div class="modal-footer" 21
116                         ">
117                         <button type="button" 22
118                             class="btn btn-default" data-
119                             dismiss="modal">No</button> 23
120                         <input type="submit" name='24
121                             submit' value='Cancel
122                             Transaction' class="btn btn-
123                             primary" />           25
124                     </div>
125                     </div>                26
126                     </div>                27
127                 </div>                28
128             </form>                29
129             </div>                30
130             </div>                31
131             </div>                32
132         </div>                33
133     </div>                34
134 </body>                35
135 </html>                36

```

Listing 63: ratings.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel
5                 panel-default">
6                 <div class="panel
7                     -heading">
8                     Ratings by
9                     User

```

```

</div>
<div class="panel
-body">
<div class="dataTable-wrapper">
<table
class="table table-striped
table-bordered table-hover" id
="dataTables-example">
<
thead>
<tr>
    <th> User </th>
    <th> Rating </th>
</tr>
</thead>
<
tbody>
<?php
    for ($i = 0; $i < sizeof(
$names); $i++) {
        $hrefseller = "user/
view_user/".$name_ids[$i];
        echo "<tr >.
            <td><a href=".site_url($hrefseller).">". $names[$i] . "</a></td >".
            "<td >".$ratings[$i].
            "</td >".
            "</tr >";
    }
?>
</tbody>
</table>

```

</div>

```

</div>
</div>
</div>
</div>

```

Listing 64: register.php

```

1 <div class="register-account">
2     <div class="wrap">
3         <h4 class="title">
Register for an Account</h4>

```

```

4           <form action=<?php echo
5             site_url('register'); ?>
6             method="post">
7               <div class="col_1_of_2 span_1_of_2">      27
8                 <div>
9                   <?php
10                  if (!empty($register_error))
11                  ) {
12                    echo '<span style = "color
13                      : red;">'. $register_error.'/>
14                     </span>';
15                   }
16                   if (!empty($acctreq_success)) 29
17                   ) {
18                     echo '<span style = "color
19                      : green;">'. $acctreq_success
20                     . '</span>';
21                   }
22                   if ($this->session->
23                     flashdata("register_success")
24                     !== FALSE) {
25                     echo '<span style = "color
26                      : green;">'. $this->session->
27                     flashdata("register_success") 32
28                     . '</span>';
29                   }
30                 }
31               <?>
32             <p class="code">Email Address:</p><input
33               type="text" name="email"
34               value=<?php echo set_value(
35                 'email'); ?>" />
36             <p class="code">UPM ID:</p><input
37               type="text" name="upmid"
38               value=<?php echo set_value(
39                 'upmid'); ?>" />
40             <p class="code">College:</p>
41             <select name="college" class
42               ="frm-field required">          35
43               <option value="">Select      36
44                 College</option>          37
45               <option value="cas"><?php echo
46                 set_select('college', 'cas'); 39
47               ?>>College of Arts and
48                 Sciences</option>          40
49               <option value="camp"><?php echo
50                 set_select('college', 'camp');43
51               ?>>College of Allied Medical44
52                 Professions</option>        45
53               <option value="cd"><?php echo
54                 set_select('college', 'cd'); 47
55               ?>>College of Dentistry</
56                 option>
57               <option value="cm"><?php echo
58                 set_select('college', 'cm'); 48
59               ?>>College of Medicine</option
60             >
61             <option value="cn"><?php echo
62               set_select('college', 'cn'); 49
63             ?>>College of Nursing</option>
64             <option value="cp"><?php echo
65               set_select('college', 'cp'); 50
66             ?>>College of Pharmacy</option
67             >
68             <option value="cph"><?php echo
69               set_select('college', 'cph'); 51
70             ?>>College of Public Health</
71               option>
72             </select>
73             <p class="code">Contact Number:</p><input
74               type="text" name="contactNum"
75               value=<?php echo set_value(
76                 'contactNum'); ?>" />
77             <p class="code">Is
78               Individual?
79             <input
80               type="radio" name="isInd"
81               value="yes" onclick="
82                 javascript:checkInd();" id=""
83                 yesCheck <?php echo set_radio
84                 ('isInd', 'yes'); ?>>Yes</
85               input>
86             <input
87               type="radio" name="isInd"
88               value="no" onclick="javascript
89                 :checkInd();" <?php echo
90                 set_radio('isInd', 'no'); ?>>
91               No</input>
92             </p>
93           </div>
94         </div>
95         <div id="ifInd" style
96           =">
97           <?php if (set_radio('isInd',
98             'yes')) {
99             echo "display: block;" ;
100           } else {
101             echo "display: none;" ;
102           }
103           ?>
104         >
105         <div class="col_1_of_2 span_1_of_2">
106           <div>
107             <p class="code">First Name
108               :</p><input type="text" name="fName"
109               value=<?php echo

```

Listing 65: registered\_accts.php

```
1 <div id="page-wrapper">                                28
2     <div class="row">                                    28
3         <div class="col-lg-12">                         29
4             <div class="panel"                            30
5                 panel-default">                         31
6                     <div class="panel"                      32
7                         -heading">
```

```

class="table table-striped"      58
table-bordered table-hover" id 59
="dataTables-example">          60
33                                     <   59
thead>                                <
34                                     <   60
tr>                                    61
35             <th> Manage </th>           62
36             <th> Username </th>          63
37                                     64
38             <th> Date/Time Approved</th> 65
39             <th> Name </th>            66
40             <th> UPM ID </th>          67
41             <th> College </th>          68
42         </tr>                         69
43     </thead>                      70
44     <tbody>
45         <?php
46             foreach(
47                 $registered_accts as
48                     $registered_acct) {
49                     $hrefstr = "user/
50                         view-user /". $registered_acct->
51                             id ;
52                     $usertype = "
53                         Organization";
54                     if($registered_acct->
55                         isInd == 1) {
56                         $usertype = "
57                             Individual";
58                     }
59                     if($registered_acct->
60                         isAdmin == 1) {
61                         continue;
62                     }
63                     echo "<tr ";
64                     if(
65                         $registered_acct->isDisabled
66                         == 1) { echo " class='danger '";
67                         } echo ">";
68                         echo "<td>". "<input
69                             type='checkbox' name='regaccts81
70                             []' value='". $registered_acct
71                             ->id ."/>"; if(
72                             $registered_acct->isDisabled
73                             == 1) { echo " Activate"; } else
74                             { echo " Deactivate"; } echo "</
75                             td>". "
76                         <td><a href=". site_url($hrefstr).">>.
77                         $registered_acct->username
78                         ." </a></td>". 84
79
80
81
82
83
84
85

```

```

86         </div>                                24      echo '<span style = "color
87     </div>                                : green;">'. $this->session->
88     </form>                                flashdata(" prodreq-success")
89             </div>                                .'</span>';
90         </div>                                }
91     </div>                                ?>
92   </div>                                <p class="code">Name:</p><
93 </div>                                input type="text" name="name"
94 </div>                                value=<?php echo set_value(
95 </body>                                'name') ; ?>" />
96                                         25
97 </html>                                26      <p class="code">Email
98                                         27      Address:</p><input type="text"
99                                         28      name="email" value=<?php
100                                         29      echo set_value('email') ; ?>" />
101                                         30      <p class="code">Contact
102                                         31      Number:</p><input type="text"
103                                         32      name="contactNum" value=<?php
104                                         33      echo set_value('contactNum') ;
105                                         34      ?>" />
106                                         35      </div>
107                                         36      <?php } ?>
108                                         37      <div class=""
109                                         38      col_1_of_2 span_1_of_2">
110                                         39      <p class="code">Product Name
111                                         40      :</p><input type="text" name=
112                                         41      prodName" value=<?php echo
113                                         42      set_value('prodName') ; ?>" />
114                                         43      <p class="code">
115                                         44      Product Category:</p>
116                                         45      <select name="prodcat" class
117                                         46      ="frm-field required">
118                                         47      <option value="">Select Product Category</
119                                         48      option>
120                                         49      <?php
121                                         50      foreach($prodcats as
122                                         51      $prodcat) {
123                                         52      echo "<option value="" .
124                                         53      $prodcat->name." ' ".set_select
125                                         54      ('prodcat', $prodcat->name)
126                                         55      .">". $prodcat->name."</option
127                                         56      >";
128                                         57      }
129                                         58      ?>
130                                         59      </select>
131                                         60      <p class="code">Upload Image
132                                         61      :</p>
133                                         62      <input type="file
134                                         63      " value=<?php echo set_value
135                                         64      ('request_file') ; ?>" name=
136                                         65      "request_file" />
137                                         66      <br /><br />
138                                         67      <p class="code">Product
139                                         68      Description:</p>
140                                         69      <div class="text">
141                                         70      <textarea
142                                         71      name="description"></textarea>
143                                         72

```

Listing 66: request.php

```

1 <div class="register_account">          29
2   <div class="wrap">
3     <h4 class="title">Request           29
4       for a Product</h4>
5       <form action=<?php echo           30
6         site_url('request/send-request' 31
7         ) ; ?>" method="post" enctype 32
8         ="multipart/form-data">
9         <?php
10        if ($this->session->userdata(, 33
11          userid)) {
12            if (!empty($error_mess)) {
13              echo '<span style = "color: 34
14                red;">'. $error_mess.'</span 35
15              >';
16            }
17            $prodreq_success = $this-> 36
18            session->flashdata(" prodreq-success");
19            if (!empty($prodreq_success)) 37
20            {
21              echo '<span style = "color: 38
22                green;">'. $this->session-> 39
23              flashdata(" prodreq-success") .</span>';
24            }
25          ?>
26        <?php if (!$this->session-> 40
27          userdata('userid')) { ?>
28          <div class="col_1_of_2 41
29            span_1_of_2">
30            <?php
31            if (!empty($error_mess)) { 44
32              echo '<span style = "color 45
33                : red;">'. $error_mess.'</span 46
34              >';
35            }
36            $prodreq_success = $this-> 47
37            session->flashdata(" prodreq-success");
38            if (!empty($prodreq_success)) 48
39            {

```

```

49          </div>           25
50      <?php
51      echo "<div class='submit'>
52          <input type='submit' value
53          ='Submit'>
54      ?>
55          </div>           29
56          <div class='clear'></30
57              div>
58          </form>
59      </div>
59 </div>

    Listing 67: search_results.php
1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel
5                 panel-default">
6                 <div class="panel
7                     -heading">
8                     Search       37
9                     Results      38
10                    </div>        39
11                    <div class="panel
12                     -body">
13                     <?php
14                     if (!empty($deact_message)) 41
15                     {
16                         echo "<div class='alert
17                             alert-success alert-
18                             dismissable'>.
19                             "<button type='button',
20                             class='close' data-dismiss=
21                             'alert' aria-hidden='true'>&
22                             times;</button>.
23                             '$deact_message'. " </div
24                         >";
25                     }
26                     ?>
27                     <div class="
28                         dataTable-wrapper">
29                         <table class
30                             ="table table-striped table-
31                             bordered table-hover" id="
32                             dataTables-example">
33                             <
34                             thead>
35                             <tr>
36                                 <th> Username </th>
37                                 <th> Name</th>
38                                 <th> User Type </th>
39                                 <th> College </th>
40                         </thead>
41                         <tbody>
42                             <tr>
43                                 <td> <a href="
44                                     site_url($hrefstr)." >.
45                                     $registered_acct->username
46                                     .</a></td> <td> .
47                                     $registered_acct->name .</td
48                                     >.
49                                     <td> . $usertype
50                                     .</td> <td> .
51                                     $registered_acct->college .</td
52                                     >.
53                                     </tr> </tbody>
54                     </table>
55                 </div>
56             </div>
57         </div>
58     </div>
59 </div>

```

Listing 68: trade\_buyer.php

```

$trade) {
    $href_prod_name = "
product/
view_product_advertised /".
$trade->prodid;
    $href_trade_name = "
trade/view_trade /". $trade->id ;
    $href_seller_name = "
user/view_user /". $trade->
seller_id ;
    echo "<tr>";
    echo "<td><a href=". site_url($href_prod_name).">". $prod_names[$ctr]. "</a></td>" .
        "<td><a href=". site_url($href_trade_name) .">". $trade->name."</a></td>" .
            "<td><a href=". site_url($href_seller_name) .">". $seller_names[$ctr]. "</a></td>" .
    }
?>

</
tbody>
</table>

</div>
</div>
</div>
</div>
</div>
</div>

```

Listing 69: trade\_seller.php

```
    iv id="page-wrapper">
    <div class="row">
        <div class="col-lg-12">
            <div class="panel panel-default">
                <div class="panel-heading">
                    Requests as Seller
                </div>
                <div class="panel-body">
```

```

9          <?php      33
10         $tradereqs_message = $this 34
->session->flashdata('      35
11         tradereqs_message');
12         if (!empty(
13             $tradereqs_message)) {
14             echo "<div class='alert
15             alert-danger alert-dismissible36
16             '>.
17                 "<button type='button' 37
18                 class='close' data-dismiss='
19                 alert' aria-hidden='true'>&
20                 times;</button>.
21                 \"$tradereqs_message\".
22             "</div>";
23         }
24         $no_reason = $this->session 39
->flashdata('no_reason');
25         if (!empty($no_reason)) { 40
26             echo "<div class='alert
27             alert-danger alert-dismissible41
28             '>.
29                 "<button type='button' 42
30                 class='close' data-dismiss='
31                 alert' aria-hidden='true'>&
32                 times;</button>.
33                 \"$no_reason\". "</div>"; 43
34         }
35         $disapprove_mess = $this-> 44
session->flashdata('
disapprove_mess');
36         if (!empty($disapprove_mess)45
37         ) {
38             echo "<div class='alert      46
39             alert-danger alert-dismissible
40             '>.
41                 "<button type='button' 48
42                 class='close' data-dismiss='
43                 alert' aria-hidden='true'>&
44                 times;</button>.
45                 \"$disapprove_mess\". "</
46                 div>";
47         }
48         $disapprove_mess_success = 51
49         $this->session->flashdata('
50             disapprove_mess'); 53
51         if (!empty($disapprove_mess)
52         ) {
53             echo "<div class='alert      54
54             alert-success alert-
55             dismissible '>.
56                 "<button type='button' 56
57                 class='close' data-dismiss='
58                 alert' aria-hidden='true'>&
59                 times;</button>.
60             "
61             $disapprove_mess_success". "</
62             div>"; 58
63     }
64 
```

?>

<form  
action=<?php echo site\_url('trade/manage\_trades'); ?>  
method="post" onsubmit="return  
confirm\_update();">

<div  
class="dataTable\_wrapper">

<

table class="table table-
stripped table-bordered table-
hover" id="dataTables-example
">

<thead>

<tr>

<th> Select </th>

<th> Product Name

<th> Product Trade  
Name </th>

<th> Buyer </th>

<th> Date/Time  
Requested </th>

<th> Status </th>

</thead>

<tbody>

<?php  
\$ctr = 0;  
foreach (\$trades as  
\$trade) {  
 \$hrefurl = "product/
view\_product\_advertised/".  
\$trade->prodid;  
 \$hrefurl2 = "trade/
view\_trade/".\$trade->id;  
 echo "<tr>";  
 if (\$trade->status == '  
APPROVED') {  
 echo "<td>". "<input  
type='radio' name='trade\_reqs
' value='".\$trade->id."' ,
disabled/> ." "</td>";  
 }

```

59         else if ($trade->status == 'DISAPPROVED') {
60             echo "<td>". "<input type='radio' name='trade_reqs' value='".$trade->id."' disabled/>". "</td>";
61         }
62     } else {
63         echo "<td>". "<input type='radio' name='trade_reqs' value='".$trade->id."/>'". "</td>";
64     }
65     echo "<td><a href='". site_url($hrefurl). "'>". $prod_names[$ctr] . "</a></td>". ";
66     "<td><a href='". site_url($hrefurl2). "'>". $trade->name . "</a></td>". ";
67     "<td>". $buyer_names[$ctr] . "</td>". "<td>". $trade->
68     datereq . "</td>". "<td>". $trade->
69     status ."</td>". "</tr>";
70     $ctr++;
71 }
72 ?>
73
74
75
76     </tbody>
77
78     </table>
79
80     </div>
81
82     <
83         input type='button' name='submit' value='Approve trade request' class="btn btn-success" data-toggle="modal" data-target="#smallModal1"/>
84
85         <
86             input type='button' name='submit' value='Disapprove trade request' class="btn btn-danger" data-toggle="modal" data-target="#basicModal" />
87
88             <div class="modal fade" id="smallModal1" tabindex="-1" role="dialog" aria-labelledby="smallModal" aria-hidden="true">
89                 <div class="modal-dialog modal-sm">
90                     <div class="modal-content">
91                         <div class="modal-header">
92                             <button type="button" class="close" data-dismiss="modal" aria-hidden="true">&times;</button>
93                             <h4 class="modal-title" id="myModalLabel">Confirmation</h4>
94                         </div>
95                         <div class="modal-body">
96                             <b>Approve this trade request? </b>
97                         </div>
98                         <div class="modal-footer">
99                             <button type="button" class="btn btn-default" data-dismiss="modal">Cancel</button>
100                            <input type="submit" name="submit" value='Approve trade request' class="btn btn-primary" />
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909
910

```

```
108 <b>Please input the 11 $file = "assets/images/user .
reason for disapproving the 12 jpg";
trade request. This will be 13 echo base_url($file);?>
sent as a private message to 14 height=230 width=230 alt="User
the buyer.</b> 15 picture"/>
16
17
18
19
20
21
22
23
24
25
26
27
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29
30
31
32
33
34
35
36
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118
119
120
121
122
123
124
125
126
127
```

Listing 70: user.php

```
1 <div id="page-wrapper"> 31
2     <div class="row">
3         <div class="col-lg-8"> 32
4             <h1 class="page- header"><?php echo $user->name
5                 ?></h1>
6             </div>
7             <div class="col-lg-4"> 33
8                 image;
11                    if (!file_exists($file)) {
```

```

36         if (!empty( $success_rating )) 62
37     {
38         echo "<div class='alert
39             alert-success alert-
40             dismissable '>". 63
41         "<button type='button'
42             class='close' data-dismiss='
43                 alert' aria-hidden='true'>& 64
44             times;</button>". 65
45         "$success_rating". "</div
46     >"; 66
47     }
48     $err_mess = $this->session 67
49     ->flashdata(" err_mess");
50     if (!empty($err_mess)) {
51         echo "<div class='alert
52             alert-danger alert-dismissible
53             '>". 68
54         "<button type='button'
55             class='close' data-dismiss='
56                 alert' aria-hidden='true'>& 69
57             times;</button>". 70
58         "$err_mess". "</div>"; 71
59     }
60     $success_mess = $this-> 72
61     session->flashdata(" 73
62         success_mess");
63     if (!empty($success_mess)) { 74
64         echo "<div class='alert
65             alert-success alert-
66             dismissable '>". 75
67         "<button type='button'
68             class='close' data-dismiss='
69                 alert' aria-hidden='true'>& 70
70             times;</button>". 71
71         "$success_mess". "</div
72     >"; 72
73     }
74     ?>
75         <div class=" 76
76             table-responsive"> 77
77             <table
78                 class="table table-bordered
79                 table-striped">
80                 <tbody> 81
81                     <?php if ($this->session->
82                         userdata('userid') != $user->
83                             id && $can_rate == 1) { ?>
84                         <tr> 85
85                         <th>Your rating:</th> 86
86                         <td>
87                             <form action="<?php
88                                 echo site_url('user/rate_user
89                                 / '.$user->id); ?>" method=" 90
90                             post">

```

<select name='rating'>
 <option value='5' <?
 php if(\$rate == 5) {echo "
 selected";} ?>>5</option>
 <option value='4' <?
 php if(\$rate == 4) {echo "
 selected";} ?>>4</option>
 <option value='3' <?
 php if(\$rate == 3) {echo "
 selected";} ?>>3</option>
 <option value='2' <?
 php if(\$rate == 2) {echo "
 selected";} ?>>2</option>
 <option value='1' <?
 php if(\$rate == 1) {echo "
 selected";} ?>>1</option>
 </select>
 <input type="submit"
 value="Rate user" />
 </form>

 </td>
 </tr>
 <?php } ?>
 <?php if (\$user->id != 1)
{ ?>
 <?php if (\$user->
 credibility != 0) { ?>
 <tr>
 <th>Credibility:</th>
 <td>
 <span class="stars"><?
 php echo \$user->credibility;
 ?></span>
 <?php if (\$this->session
 ->userdata('userid') == \$user
 ->id) { ?>
 <a href="<?php echo
 site\_url('user/
 prior\_view\_ratings'); ?>">View
 ratings</a>
 <?php } ?>
 </td>
 </tr>
 <?php } ?>
 <?php } ?>
 <tr>
 <?php } ?>
 <?php } ?>
 <tr>
 <th>Username:</th>
 <td>

```

        <?php echo $user->
username ?>                                118
91      </td>                                         119
92      </tr>                                         120
93      tr>                                         121
94          <th>Is Individual?</th>                122
95          <?php if($user->isInd == 1)
96              { echo "<td>Yes</td>"; }           123
97              else { echo "<td>No</
98                  td>"; }                         124
99          ?>                                         125
100     </tr>                                         126
101     tr>                                         127
102         <th>UPM ID:</th>                      128
103         <td>                                         129
104             <?php echo $user->upmid?>        130
105         </td>                                         131
106     </tr>                                         132
107     tr>                                         133
108         <th>College:</th>                     134
109         <td>                                         135
110             <?php echo $user->
college ?>                               136
111         </td>                                         137
112     </tr>                                         138
113     tr>                                         139
114         <th>Email Address:</th>                 140
115         <td>                                         141
116             <?php echo $user->email?>        142
117     </td>                                         143

```

tr>

<th>Contact Number:</th>

<td>

<?php echo \$user->

contactNum ?>

</td>

</tr>

tr>

<th>Member since:</th>

<td>

<?php echo \$user->

dateApproved ?>

</td>

</tr>

tbody>

</table>

</div>

<?php if(

\$this->session->userdata('

userid') != \$user->id && (

empty(\$no\_records)) { ?>

<input type="

button" class="btn btn-default

" data-toggle="collapse" data-

target="#demo" value="View

products advertised" />

<div id="demo

" <?php if(\$set\_view\_adv == 0)

echo " class='collapse'"; ?>>

<div

class="row">

<div

class="col-lg-12">

<

div class="panel panel-default

">

<div class="panel-heading">

Products <a href=""></a

>

</div>

<div class="panel-body">

```

143 <div class="wrap"> 173
144 <h2 class="head"> 175
145 Products Advertised</h2> 174
146 <?php 176
147 if (!empty($no_records)) { 177
148 echo "<div class=' 179
149 alert alert-success alert- 180
150 dismissable'>". 181
151 <button type=' 182
152 button' class='close' data- 183
153 dismiss='alert' aria-hidden=' 184
154 true'>&times;</button>". 185
155 " $no_records". "</div> 186
156 div>"; 187
157 } 188
158 ?> 189
159 <?php 190
160 $ctr = 0; 191
161 foreach ($product_advs 192
162 as $prod_adv) { 193
163 // $ctr++; 194
164 $hrefurl = "product/ 195
165 view_product/".$prod_adv->id; 196
166 if ($ctr == 0) { 197
167 echo "<div class=' 198
168 top-box'>"; 199
169 <div class=" 200
170 col_1_of_3 span_1_of_3"> 201
171 <a href=<?php 202
172 echo site_url($hrefurl); ?>> 203
173 <div class="inner-content 204
174 clearfix"> 205
175 <div class="product-image"> 206
176 <img src=<?php 207
177 echo base_url('assets/uploads 208
178 / '.$prod_adv->image);?>" alt 209
179 ="" /> 210
180 </div> 211
181 <div class="price"> 212
182 <div class="cart-left"> 213
183 <p class="title"> 214
184 <?php echo $prod_adv->name;?></p> 215
185 <div class="price1"> 216
186 <span class=" 217
187 actual">P<?php echo $prod_adv->price;?></span> 218
188 </div> 219

```

```

    basicModal" aria-hidden="true"      >
  " >                                227   </div>
209                                         228
  div class="modal-dialog">           229 </div>
210                                         230
    <div class="modal-content"> 231 </body>
211                                         232
      <div class="modal- 233 </html>
212       header">
213
        <button type=" 1 <div id="page-wrapper">
button" class="close" data- 2   <div class="row">
dismiss="modal" aria-hidden=" 3     <div class="col-lg-12">
true">&times;</button> 4       <div class="panel
                                         panel-default">
                                         <div class="panel
                                         -heading">
                                         All
214       <h4 class="modal- 5   Conversations
title" id="myModalLabel"> 6
                                         </div>
                                         <div class="panel
                                         -body">
                                         <div class=" 7
                                         <div class=" 8
                                         <b>Please input the
                                         reason for reporting this 9
                                         buyer as well as a screenshot
                                         as a basis. This will be sent
                                         to the System Administrator</b>
                                         > 11
215
                                         <textarea class=" 12
                                         form-control" name="reason"
                                         rows="3"><?php echo set_value 13
                                         ('reason');?></textarea>
                                         <input type="file" 14
                                         name="basis" accept="image/x-
                                         png, image/gif, image/jpeg,
                                         image/jpg"></input>
                                         </div> 16
216
                                         <div class="modal- 17
                                         footer">
                                         <button type=" 18
button" class="btn btn-default" 19
                                         " data-dismiss="modal">Cancel 20
</button> 21
217
                                         <input type="submit
                                         " name="submit" class="btn btn
                                         -primary" value="Submit" /> 22
                                         </div> 23
218
                                         </div> 24
                                         </div> 25
                                         </div> 26
219                                         </div> 27

```

Listing 71: view\_all\_convo.php

```

1 <div id="page-wrapper">
2   <div class="row">
3     <div class="col-lg-12">
4       <div class="panel
5         panel-default">
6           <div class="panel
7             -heading">
8               All
9               Conversations
10              </div>
11              <div class="panel
12                -body">
13                <div class=" 14
14                  dataTable-wrapper">
15                    <table class
16                      = "table table-striped table-
17                        bordered table-hover" id=" 18
18                        dataTables-example">
19
20                      <thead>
21                        <tr>
22                          <th> Conversation with
23                          </th>
24                          <th> Unread messages </th>
25
26                        </tr>
27                      </thead>
28
29                      <tbody>
30
31                        <?php
32                          for ($i = 0; $i < sizeof(
33                            $chatmates); $i++) {
34                            echo "<tr>". 35
35                            "<td><a href='
36                              prior_view_conversation /".
37                              $chatmateids[$i] ." '>". 38
38                            $chatmates[$i] ."</a></td>". 39
39                            "<td>". 40
40                            $unread_messages[$i] ."</td>". 41
41                            "</tr>"; 42
42
43                          }
44
45                        ?>
46
47                      </tbody>
48
49                    </table>

```

```

28                     </div>
29                     </div>
30                     </div>
31                     </div>
32                     </div>
33                 </div>
34             </div>
35         </div>
36     </body>
37
38 </html>

```

Listing 72: view\_all\_notifications.php 40 </html>

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel panel-default">
5                 <div class="panel-heading">
6                     All
7                     Notifications
8                     </div>
9                     <div class="panel-body">
10                    <div class="dataTable-wrapper">
11                        <table class="table table-striped table-bordered table-hover" id="dataTables-example">
12                            <thead>
13                                <tr>
14                                    <th> Notification </th>
15                                    <th> Date </th>
16                                </tr>
17                            <thead>
18                                <tbody>
19                                    <?php
20                                        if(sizeof($notifications) > 0) {
21                                            foreach($notifications as $notif) {
22                                                echo "<tr>"."
23                                                    "<td>".$notif->
24                                                        description."</td>".
25                                                    "<td>".$notif->
26                                                        date_notification ."</td>".
27                                                    "</tr>";}
28                                            }
29                                        ?>

```

```

28                     </tbody>
29                     </table>
30
31                     </div>
32                     </div>
33                     </div>
34                     </div>
35                     </div>
36                 </div>
37             </div>
38         </body>
39

```

Listing 73: view\_products.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel panel-default">
5                 <div class="panel-heading">
6                     All Products
7                     Advertised
8                     </div>
9                     <div class="panel-body">
10                    <form action="<?php echo site_url('product/delete_product'); ?>" method="post" onsubmit="return confirm_update();">
11                        <?php
12                            $nothing_selected = $this->
13                                session->flashdata("nothing_selected");
14                            if (!empty($nothing_selected))
15                            {
16                                echo "<div class='alert alert-danger alert-dismissible'>".
17                                    "<button type='button' class='close' data-dismiss='alert' aria-hidden='true'>&
18                                    times;</button>"."
19                                "$nothing_selected". " </div>";
20                            }
21                            $no_reason = $this->session-
22                                >flashdata("no_reason");
23                            if (!empty($no_reason)) {
24                                echo "<div class='alert alert-danger alert-dismissible'>".
25                                    "<button type='button' class='close' data-dismiss='

```

```

        alert ' aria-hidden='true'>&
times;</button >". 47
22      "$no_reason". "</div >"; 48
23    }
24    $product_deleted = $this->
session->flashdata(" 49
product_deleted");
25    if (!empty($product_deleted) 50
) {
26      echo "<div class='alert
alert-success alert-
dismissable '>". 51
27        "<button type='button '
class='close ' data-dismiss='
alert ' aria-hidden='true'>& 52
times;</button >". 53
28        "$product_deleted". "</
div >"; 55
29    }
30    $product_disabled = $this->56
session->flashdata(" 57
product_disabled");
31    if (!empty($product_disabled)
) { 58
32      echo "<div class='alert
alert-success alert-
dismissable '>". 59
33        "<button type='button '
class='close ' data-dismiss='
alert ' aria-hidden='true'>& 60
times;</button >". 61
34        "$product_disabled". "</62
div >"; 63
35    }
36    $error_mess = $this->
session->flashdata(" error_mess64
");
37    if (!empty($error_mess)) {
38      echo "<div class='alert
alert-danger alert-dismissible
'>". 65
39        "<button type='button '
class='close ' data-dismiss='
alert ' aria-hidden='true'>& 66
times;</button >". 67
40        "$error_mess". "</div >"; 68
41    }
42    ?> 69
43      <div
44        class="dataTable_wrapper"> 70
45          < 71
46            table class="table table-
striped table-bordered table-
hover" id="dataTables-example" 72
" > 73
47          < 74
48            thead> 75
49          < 76
50            <tr>
51              <th> Manage </th>
52              <th> Product Name </th>
53              <th> Seller </th>
54              <th> Date/Time
Advertised </th>
55              <th> Quantity </th>
56              <th> Price </th>
57              <th> Is Active </th>
58            </tr>
59          </thead>
60          <tbody>
61            <?php
62              $ctr = 0;
63              foreach($prod_advs as
$prod) {
64                $prodhref = "product/
view_product_advertised /".
$prod->id ;
65                $hrefstr = "user/
view_user /". $prod->userid ;
66                echo "<tr >.
67                  "<td>". "<input type
='radio ' name='prods ' value
='". $prod->id ." '/>" . "</td >".
68                  "<td><a href=". 69
site_url($prodhref). " ".$prod
->name." </a></td >". 70
69                  "<td><a href=". 71
site_url($hrefstr). " ".$sellers
[$ctr]. "</a></td >". 72
70                  "<td>". $prod->
dateAdv ." </td >". 73
71                  "<td>". $prod->
quantity ." </td >". 72
72                  "<td>". $prod->price
." </td >". 73
73                  "<td>". $prod->
is Active ." </td >". 74
74                  "</tr >"; 75
75                $ctr++;
76              ?>
77            </tbody>
78          </table>

```

```

77          </div>
78      <input type='button' name='101
submit' value='Activate
product advertisement' class='f02
btn btn-success" data-toggle=""
modal" data-target="#
smallModal1"/>
79          <input
type='button' name='submit' 103
value='Deactivate product
advertisement' class="btn btn-
danger" data-toggle="modal"
data-target="#basicModal" /> 104
80
81          <div class="modal fade" id 105
="smallModal1" tabindex="-1"
role="dialog" aria-labelledby="106
=smallModal" aria-hidden=""
true">
82          <div class="modal-dialog
modal-sm">
83          <div class="modal-content
">
84          <div class="modal-heade#107
">
85          <button type="button"
class="close" data-dismiss=""
modal" aria-hidden="true">&
times;</button> 108
86          <h4 class="modal-title"
id="myModalLabel">Confirmation 109
</h4>
87          </div> 110
88          <div class="modal-body">
89          <b>Activate product
advertisement? </b>
90          </div>
91          <div class="modal-foote#111
">
92          <button type="button"
class="btn btn-default" data-
dismiss="modal">Cancel</button#112
>
93          <input type="submit" name#113
="submit" value='Yes' class=""
btn btn-primary" /> 114
94          </div>
95          </div> 115
96          </div> 116
97          </div> 117
98          <div class="modal fade" id 118
="basicModal" tabindex="-1" 119
role="dialog" aria-labelledby="120
= basicModal" aria-hidden=""
true">
99          <div 123 </body>
100         <div 124
class="modal-dialog"> 125 </html>

```

```
Listing 75: view_request.php
iv id="page-wrapper">
<div class="row">
    <div class="col-lg-12">
        <div class="panel panel-default">
            <div class="panel-heading">
                View product
                request
            </div>
            <div class="panel-body">
                <div class="wrap">
                    <ul class="breadcrumb breadcrumb--t"><a
                        class="home" href="#">User</a>
```

```

> / <a href="#">Product
Requests</a> / View product    37
request</ul>
12                                     <div
13                                         class="cont span_2_of_3">      38
14                                             <div class="grid
15                                               images_3_of_2">          39
16                                                 id="etalage">           40
17                                                 <li>                   41
18                                                   <a href="">
19                                                       <?php
20                                                       $file = 'assets/
21                                                       uploads/request -'. $prodreq->id43
22                                                       . '.jpg';           44
23                                                       if (! file_exists ($file)
24                                                       ) {
25                                                       $file = 'assets/
26                                                       uploads/request -'. $prodreq->id46
27                                                       . '.jpeg';           47
28                                                       if (! file_exists ($file
29                                                       )) {
29                                                       $file = 'assets/
30                                                       uploads/request -'. $prodreq->id51
31                                                       . '.png';           52
32                                                       }
33                                                       }
34                                                       }
35 ?>
36                                            55
40
41                                                           58
46
47                                         </a>                    59
48
49                                     </li>                   60
50
51                                     </ul>                   61
52                                     <div 62
53                                         class="clearfix"></div>      63
54                                         </div>                   64
55                                         <div 65
56                                         class="desc1 span_3_of_2">      66
57                                             <h3
58                                               class="m_3"><?php echo
59                                               $prodreq->prodName; ?></h3>
60                                             <p
61                                               class="m_text2"><?php echo
62                                               $prodreq->prod_description; ?> 63
63
64                                         </p>
65                                         <p class="m_text2">
66                                         Requested by:<?php echo
67                                         $prodreq->name; ?> </p>
68                                         <p class="m_text2">Email
69                                         Address:<?php echo $prodreq->
70                                         email; ?> </p>
71                                         <p class="m_text2">Contact
72                                         Number:<?php echo $prodreq->
73                                         contactNum; ?> </p>
74
75                                     </div>
76                                     <div
77                                         class="clear"></div>
78                                     <div
79                                         class="clients">
80
81                                         <script src="<?php echo
82                                         base_url ('assets/js/jquery.
83                                         flexisel.js');?>"></script>
84
85                                     </div>
86
87                                     </div>
88
89                                     </div>
90
91                                     </div>
92                                     </div>
93                                     </div>
94                                     </div>
95                                     </div>
96                                     </div>
97                                     </div>
98                                     </div>
99                                     </div>
100
101                                     <div
102                                         id="page-wrapper">
103                                         <div
104                                         class="row">
105                                             <div
106                                               class="col-lg-12">
107                                                 <div
108                                                   class="panel
109                                                     panel-default">
110                                                     <div
111                                                       class="panel
112                                                         heading">
113                                                       View trade
114
115                                                       request
116
117                                                       </div>
118                                                       <div
119                                                         class="panel
120                                                         body">
121
122                                                       <div
123                                                         class="wrap">
124
125                                                       <ul
126                                                         class="breadcrumb breadcrumb_
127                                                         t"><a
128                                                       class="home"
129                                                       href="#">User</a>
130
131                                                       / <a href="#">Trades
132                                                       Management</a>
133
134                                                       / View trade
135                                                       request</ul>
136
137                                                       <div
138                                                         class="cont span_2_of_3">
```

Listing 76: view\_trade.php

```

1 <div
2   id="page-wrapper">
3     <div
4       class="row">
5         <div
6           class="col-lg-12">
7             <div
8               class="panel
9                 panel-default">
10                <div
11                  class="panel
12                    heading">
13                    View trade
14
15                    request
16
17                    </div>
18                    <div
19                      class="panel
20                        body">
21
22                      <div
23                        class="wrap">
24
25                        <ul
26                          class="breadcrumb breadcrumb_
27                            t"><a
28                          class="home"
29                          href="#">User</a>
30
31                          / <a href="#">Trades
32                          Management</a>
33
34                          / View trade
35                          request</ul>
36
37                          <div
38                            class="cont span_2_of_3">
```

Listing 77: view\_users.php

```
iv id="page-wrapper">
<div class="row">
    <div class="col-lg-12">
        <div class="panel panel-default">
            <div class="panel-heading">
                All Users
            </div>
            <div class="panel-body">
                <div class="dataTable_wrapper">
                    <table class="table table-striped table-bordered table-hover" id="dataTables-example">
                        <thead>
                            <tr>
                                <th> Name </th>
                                <th> UPM ID</th>
                                <th> College </th>
                                <th> Contact Number </th>
                            </tr>
                        </thead>
                        <tbody>
                            <tr>
                                <td> John Doe </td>
                                <td> UPM123456 </td>
                                <td> University of Michigan </td>
                                <td> 555-1234567 </td>
                            </tr>
                            <tr>
                                <td> Jane Smith </td>
                                <td> UPM7654321 </td>
                                <td> Michigan State University </td>
                                <td> 555-9876543 </td>
                            </tr>
                            <tr>
                                <td> Bob Johnson </td>
                                <td> UPM9876543 </td>
                                <td> University of Michigan </td>
                                <td> 555-1234567 </td>
                            </tr>
                            <tr>
                                <td> Alice Williams </td>
                                <td> UPM5432109 </td>
                                <td> Michigan State University </td>
                                <td> 555-9876543 </td>
                            </tr>
                        </tbody>
                    </table>
                </div>
            </div>
        </div>
    </div>
</div>
```

Listing 78: viewadvertised.php

```
1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel panel-default">          30
5                 <div class="panel"                  31
6                     -heading">                   32
7                         View product           33
8                         </div>
9                     <div class="panel"                  34
10                    -body">                      35
11                    <?php                      36
12                        $success_edit_adv = $this      37
13                        ->session->flashdata( '           38
14                            success_edit_adv' );        39
15                        if (!empty(                  39
16                            $success_edit_adv)) {        40
17                            echo "<div class='alert
18                                alert-success alert-      
```

product/
edit\_product\_advertised /'.
\$product\_info->id); ?>'here</a> to edit</p>
<?php
}
?>
<div class="grid
images\_3\_of\_2">
<ul id="etalage">
<li>
<a href="">
<?php
 \$file = 'assets/uploads
/. \$product\_info->image;
?>

        <img class="
etalage_source_image" src=<? 72
php echo base_url($file);?>
        class="img-responsive" title
=="" /> 73
    </a>
</li >
    <?php 74
        if(sizeof($other_images) 75
> 0) { 76
            foreach($other_images as
$other_image) {
                $file = 'assets/uploads
/ '.$other_image->name; 78
                echo " 79
                <li >
                    <img class=' 80
etalage_thumb_image' src='". 81
base_url($file)." ' class='img- 82
responsive ' />
                    <img class=' 83
etalage_source_image' src='". 84
base_url($file)." ' class='img-
responsive ' title=' ' />
                </li > 85
            ";
        }
    } 86
    ?> 87
</ul> 88
<div class="clearfix"></div> 89
> 90
</div> 91
<div class="desc1 span_3_of_2" >
    <h3 92 </div>
        class="m_3"><?php echo
$product_info->name; ?></h3>
        <p 4
            class="m_4">
                P<?php echo $product_info
->price; ?> <br />
                Quantity:<?php echo
$product_info->quantity; ?> <
br />
                Date Advertised:<?php
echo $product_info->dateAdv; 5
?> <br /> 6
                Is Tradeable? <?php if(
$product_info->isTrad==1) {
echo "Yes";} else {echo "No";}
?> 7
            </p> 8
            <?php
                if (!empty($buyer)) {
                    $url = site_url("user/
view_user/".$product_info->
userid);
                    echo "<p class='m_4'>
Buyer: ."<a href='".$url
." '>".$buyer."</a>."</p>";
                    echo "<p class='m_4'>
Seller: ."<a href='".$url
." '>".$seller."</a>."</p>";
                }
            ?>
        <p class="m_text2"><?php echo
$product_info->description; ?>
</p>
        </div>
        <div class="clear"></div>
        <div class="clients">
            <script src=<?php echo
base_url('assets/js/jquery.
flexisel.js');?>></script>
        </div>
        <div class="clear"></div>
        </div>
        </div>
        </div>
    </div>
    <div class="panel-default">
        <div class="panel-
heading">
            Products <a
href=<?php echo site_url(
'product/prior_list_advertised
'); ?>>List view</a>
        </div>
        <div class="panel-
body">
            <div class="wrap">
                <ul class="breadcrumb
breadcrumb_t"><a class="home"
href="#">User</a> / <a href
="#">Products Management</a> /
Products advertised</ul>

```

Listing 79: viewowned\_advertised.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel
panel-default">
5                 <div class="panel-
heading">
6                     Products <a
7 href=<?php echo site_url(
8 'product/prior_list_advertised
9 '); ?>>List view</a>
10                </div>
11                <div class="panel-
body">
12                    <div class="wrap">
13                        <ul class="breadcrumb
14 breadcrumb_t"><a class="home"
15 href="#">User</a> / <a href
16 ="#">Products Management</a> /
17 Products advertised</ul>

```

```

11          <h2 class="42
12      ="head">Products Advertised</
13      h2>
14          <?php    43
15      $adv_mess = $this->session
16      ->flashdata("adv_mess");        44
17      if (!empty($adv_mess)) {         45
18          echo "<div class='alert
19          alert-success alert-
20          dismissable '>".           46
21          "<button type='button'   47
22          class='close' data-dismiss=
23          alert' aria-hidden='true'>& 48
24          times;</button>".           49
25          "$adv_mess". "</div>";     50
26      }
27      if (!empty($no_records)) {       51
28          echo "<div class='alert
29          alert-success alert-
30          dismissable '>".           52
31          "<button type='button'   53
32          class='close' data-dismiss=
33          alert' aria-hidden='true'>& 54
34          times;</button>".           55
35          "$no_records". "</div     56
36      >";                           57
37      }
38      else if (empty($no_records) 58
39      ) {                           59
40          ?>                         60
41          <?php63
42          $ctr = 0;                   61
43          foreach ($product_advs as 62
44          $prod_adv) {                63
45              $hrefurl = "product/
46              view_product_advertised/". 64
47              $prod_adv->id;
48              if ($ctr == 0) {           65
49                  echo "<div class='top-
50                  box'>";             66
51              }
52              ?>
53              <div class="col_1_of_3
54              span_1_of_3">
55                  <a href=<?php echo
56                  site_url($hrefurl); ?>>
57                  <div class="
58                  inner_content clearfix">
59                      <div class="
60                      product_image">
61                          <img src=<?php echo
62                          base_url('assets/uploads/
63                          $prod_adv->image);?>" alt="" 64
64                      />
65                  </div>
66                  <div class="price">
67                      <div class="cart-left
68                      "><?p
69                      <p class="title"><?
70                      php echo $prod_adv->name; ?></
71                      p>
72                          <div class="price1
73                          ">
74                              <span class="actual">P<?
75                      php echo $prod_adv
76                      ->price; ?></span>
77                          </div>
78                      </div>
79                      <div class="cart-
80                      right"> </div>
81                      <div class="clear"></
82                      div>
83                          </div>
84                      </div>
85                      </a>
86                  </div>
87                  <?php $ctr++;
88                  if ($ctr == 3) {
89                      echo "<div class='clear
90                      '></div>";
91                      echo "</div>";
92                      $ctr = 0;
93                  }
94                  if ($ctr != 3) {
95                      echo "<div class='clear
96                      '></div></div>";
97                  }
98                  ?>
99                      </div>
100                     </div>
101                     <div class="row">
102                         <div class="col-
103                         md-12 text-center">
104                             <?php echo
105                             $links; ?>
106                             </div>
107                         </div>
108                     </div>
109                     </div>
110                     <?php } ?>

```

Listing 80: viewowned\_bought.php

```

1 <?php
2 if ($prod_type == 'advertised') {
3     $prodlist_url = site_url(
4         'product/list_advertised');
5     $head_str = "Products
5     Advertised";
6 } else if ($prod_type == 'bought')
7     {
8         $prodlist_url = site_url(
9             'product_transaction/

```

```

        list_bought ');
8   $head_str = "Products Bought";
9 }
10 ?>                               37
11 <div id="page-wrapper">
12   <div class="row">
13     <div class="col-lg-12">      39
14       <div class="panel      40
15         panel-default">        41
16           <div class="panel42
17             -heading">          43
18               Products <a 44
19                 href=<?php echo $prodlist_url
20                 ; ?>>List view</a>      45
21                 </div>
22               <div class="panel
23                 -body">            46
24                 <div class=" 47
25                   wrap">
26                     <ul class="breadcrumb
27                       breadcrumb_t"><a class="home"48
28                         href="#">User</a> / <a href 49
29                         ="#">Products Management</a> /50
30                           Products bought</ul>
31                         <h2 class
32                           ="head"><?php echo $head_str; 51
33                         ?></h2>
34                         <?php
35                           $bought_success = $this->52
36                           session->flashdata("
37                             bought_success");      53
38                           if (!empty($bought_success
39 )) {                  54
40                             echo "<div class='alert
41                               alert-success alert-
42                               dismissable '>.
43                               "<button type='button'55
44                                 class='close' data-dismiss='
45                                   alert' aria-hidden='true'>& 56
46                                   times;</button>".
47                               "$bought_success". "58
48                           div>";
49                         }
50                         if (!empty($adv_mess)) { 59
51                           echo "<div class='alert
52                             alert-success alert-
53                             dismissable '>.
54                               "<button type='button'55
55                                 class='close' data-dismiss='
56                                   alert' aria-hidden='true'>& 57
57                                   times;</button>".
58                               "$adv_mess". "</div>";65
59                         }
60                         if (!empty($no_records)) {67
61                           echo "<div class='alert
62                             alert-success alert-
63                             dismissable '>.
64                               "<button type='button'63
65                                 class='close' data-dismiss='
66                                   alert' aria-hidden='true'>& 67
67                                   times;</button>".
68                               "$no_records". "69
69                         }
70                         <?php $ctr++; $ctr2++;

```

```

70         if ($ctr == 3) { 21
71             echo "<div class='clear 22
72                 '></div>";
73                 echo "</div>";
74                 $ctr = 0;
75             }
76         if ($ctr != 3) {
77             echo "<div class='clear
78                 '></div></div>";
79         }
80     ?>
81         </div>
82     </div>
83     <div class="row">
84         <div class="col-
md-12 text-center">
85             <?php echo
86             $links; ?>
87         </div>
88     </div>
89 </div>
90 <?php } ?>
```

Listing 81: viewowned\_sold.php

```

1 <?php
2     if($prod_type == 'advertised') { 32
3         $prodlist_url = site_url(
4             'product/list_advertised');
5         $head_str = "Products
6             Advertised";
7     } 33
8     else if($prod_type == 'bought') {
9         $prodlist_url = site_url(
10            'product_transaction/
11            list_bought');
12         $head_str = "Products Bought";
13     } 34
14 ?>
15 <div id="page-wrapper">
16     <div class="row">
17         <div class="col-lg-12">
18             <div class="panel
19                 panel-default">
20                 <div class="panel
21                     -heading">
22                     Products <a
23                         href="<?php echo
24                         $prodlist_url
25                         ; ?>">List view</a>
26                 </div>
27             </div>
28         <div class="col-
29             md-12 text-center">
30             <?php echo
31             $trade_approve = $this->
32             session->flashdata('
33             trade_approve');
34             if (!empty($trade_approve))
35             {
36                 echo "<div class='alert
37                 alert-success alert-
38                 dismissible'>". 39
39                 "<button type='button',
40                 class='close' data-dismiss='
41                 alert' aria-hidden='true'>&
42                 times;</button>". 43
43                 "$trade_approve". 44
44             "</div>";
45         }
46         if (!empty($adv_mess)) {
47             echo "<div class='alert
48                 alert-success alert-
49                 dismissible'>". 50
50                 "<button type='button',
51                 class='close' data-dismiss='
52                 alert' aria-hidden='true'>&
53                 times;</button>". 54
54                 "$adv_mess". 55
55             "</div>";
56         }
57         if (!empty($no_records)) {
58             echo "<div class='alert
59                 alert-success alert-
60                 dismissible'>". 61
61                 "<button type='button',
62                 class='close' data-dismiss='
63                 alert' aria-hidden='true'>&
64                 times;</button>". 65
65                 "$no_records". 66
66             "</div>";
67         }
68     }
69     <?php
70         $ctr = 0;
71         $ctr2 = 0;
72         foreach($product_advs as
73             $prod_adv) {
74             $hrefurl = "
```

```

product_transaction/          84
view_transaction /". $prod_adv->85
id;                         86
50      if ($ctr % 3 == 0) {    87
51          echo "<div class='top- 88
box'>";
52      }                      89
53      ?>                     <90
54      div class="col_1_of_3    91
span_1_of_3">               92
55      <a href=<?php echo site_url194 </div>
($hrefurl); ?>>           95      <?php echo
56          <div class=" 96
inner_content clearfix">
57              <div class=" 97
product_image">
58                  <img src=<?php echo 98
base_url('assets/uploads /'. 99
$prod_images[$ctr2]);?>" alt
= "" />                   100
59                  </div>
60                  <div class="price"> 101
61                      <div class="cart-left 102
">
62                          <p class="title"><? 103
63      php echo $prod_names[$ctr2]; 104
?></p>
64      <div class="price1">105
65          <span class="actual 106
">P<?php echo $prod_prices[ 107
$ctr2]; ?></span>
66          </div>
67          <div class="cart- 108
right"> </div>
68          <div class="clear"></ 109
div>
69          </div>
70          </div>                 110
71          </a>                  111
72      </div>                 112
73      <?php $ctr++; $ctr2++; 113
74          if ($ctr == 3) {     114
75              echo "<div class='clear 115
'></div>";
76              echo "</div>";
77              $ctr = 0;            116
78          }
79      }
80      if ($ctr != 3) {       117
81          echo "<div class='clear 118
'></div></div>";
82      }
83      ?>                     119

```

Listing 82: viewproduct.php

```

1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel
panel-default">
5                 <div class="panel
-heading">
6                     View product
7                 </div>
8             <div class="panel
-body">
9                 <div class="wrap">
10                    <ul class
="breadcrumb breadcrumb--t"><a
11                        class="home" href="#">User</a
12                    > / <a href="#">Products
13                    Management</a> / View product
14                </ul>
15                    <div class="cont
span-2-of-3">
16                        <div class
="grid images-3-of-2">
17                            <ul id="etalage">
18                                <li>
19                                    <a href="">
20  <?php
21  $file = 'assets/
uploads /'. $product_info->image
22 ;
23  ?>
24  <img class="
etalage-thumb-image" src=<?
25  php echo base_url($file);?>" 26
26  class="img-responsive" />
27  <img class="
etalage-source-image" src=<?
28  php echo base_url($file);?>" 29
29  class="img-responsive" title
= "" />
30  </a>
31                                </li>
32                            </ul>
33                        </div>
34                    </div>
35                </div>
36            </div>
37        </div>
38    </div>
39
```

Listing 83: viewreport.php

```
1 <div id="page-wrapper">
2     <div class="row">
3         <div class="col-lg-12">
4             <div class="panel panel-default">
5                 <div class="panel-heading">
6                     View report
7                 </div>
8                 <div class="panel-body">
9                     <div class="wrap">
```

```

11          <ul class="43"      </div>
12      ="breadcrumb breadcrumb_t"><a44 </div>
13          class="home" href="#">
14              Administrator</a> / <a href="#"
15                  Reports Management</a> /
16                  View buyer report</ul>
17          <div class="cont
18          span_2_of_3">
19              <div class="grid
20                  images_3_of_2">
21                  <?php
22                      $file = 'assets/uploads / .
23                      $report->image;
24                  ?>
25                      
27
28                      <div class="clearfix"></div>
29                  >
30                      </div>
31
32                      <div class="desc1 span_3_of_2">
33                          <h3
34                              class="m_3"><?php echo "Buyer
35                              Report:" ?></h3>
36
37                          <p
38                              class="m_4">
39                              Reporter:<?php echo
40                              $reporter; ?> <br />
41
42                              Buyer:<?php echo $buyer;
43                          ?> <br />
44
45                              Date Reported:<?php echo
46                              $report->date_report; ?> <br
47                          />
48
49                          </p>
50
51                          <p
52                              class="m_text2">Reason:<?php
53                              echo $report->description; ?>
54
55                          </p>
56
57                          </div>
58
59                      <div class="clear"></div>
60
61                      <div class="clients">
62
63                          <script src="<?php echo
64                          base_url('assets/js/jquery.
65                          flexisel.js');?>"></script>
66
67                          </div><div class="clear"></
68                          div>
69
70                          </div>
71
72                          </div>
73
74
75          </div>
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92

```

```

1      <div id="page-wrapper">
2          <div class="row">
3              <div class="col-lg-4">
4                  <div class="panel
5                      panel-default">
6
7                  <div class="panel
8                      -heading">
9                      Products
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42

```

```

    class="actual">>P300.00</span> 47
25
                </div>          48
26
                </div>
27
                <div class=" 49
cart-right"> </div>
28
                <div class=" 50
clear"></div>
29
                </div>          51
30
            </div>          52
31
        </a>
32
    </div>          53
33
    div class="col_1_of_3
span_1_of_3">
34
        <a href="single.html">
35
            <div class=" 56
inner_content clearfix">
36
                <div class=" 57
product_image">
37
                    <img src=?php59
echo base_url('assets/images/
upmerch2.jpg');?>" alt="" />
38
                </div>          60
39
                <div class="sale-
box"><span class="on_sale
title_shop">New</span></div>
40
                    <div class="price">
41
                        <div class=" 63
cart-left">
42
                            <p class=" 64
title">UP Merchandise</p>
43
                            <div class=" 65
=price1">
44
                                <span 66
class="actual">P300.00</span> 67
45
                            </div>          68
46
            </div>

```

<div class="cart-right"> </div>

<div class="clear"></div>

</div>

</div>

</a>

</div>

<div class="col\_1\_of\_3
span\_1\_of\_3">

<a href="single.html">

<div class="inner\_content clearfix">

<div class="product\_image">

<img src=?php
echo base\_url('assets/images/
upmerch3.jpg');?>" alt="" />

</div>

<div class="sale-
box"><span class="on\_sale
title\_shop">New</span></div>

<div class="price">

<div class="cart-left">

<p class="title">UP Merchandise</p>

<div class="=price1">

<span class="actual">P300.00</span>

</div>

</div>

<div class="cart-right"> </div>

<div class="

```

    clear"></div>
69
        </div>                                92
70
        </div>                                93
71
        </a>                                 94
72
    </div>                                95
73
        <div class="clear"></div>          96
74
            </div>                                97
75
            <div class="top-box">                98
76
            <div class="col_1_of_3
span_1_of_3">                         99
77
                <a href="single.html">
78
                    <div class="inner-content
clearfix">                           100
79
                        <div class="product-image">      101
80
                            <img src=?php
echo base_url('assets/images/
upmerch4.jpg');?>" alt="" />
81
                                </div>                  103
82
                            <div class="sale-
box"><span class="on_sale
title_shop">New</span></div>      104
83
                                <div class="price">           105
84
                                    <div class=" 106
cart-left">
85
  <p class="107
title">UP Merchandise</p>
86
  <div class="108
= price1">
87
  109
  <span
class="actual">P300.00</span>          110
88
  </div>                   111
89
  </div>
90
  <div class=" 112
cart-right"> </div>                 113
91

```

```

    <div class="clear"></div>
92
        </div>
93
        </div>
94
        </a>
95
    </div>
96
        <div class="col_1_of_3
span_1_of_3">
97
            <a href="single.html">
98
                <div class="inner-content
clearfix">
99
                    <div class="product-image">
100
                        <img src=?php
echo base_url('assets/images/
upmerch5.jpg');?>" alt="" />
101
                    </div>
102
                    <div class="sale-
box"><span class="on_sale
title_shop">New</span></div>
103
                    <div class="price">
104
                        <div class="cart-left">
105
                            <p class="title">UP Merchandise</p>
106
                            <div class="price1">
107
                                <span
class="actual">P300.00</span>
108
                            </div>
109
                            <span
class="actual">P300.00</span>
110
                        </div>
111
                    <div class="cart-right">
112
                    <div class="clear"></div>
113

```

```

114         </div>                                136
115             </a>                                137
116         </div>                                138
117     div class="col_1_of_3"                  139
118         span_1_of_3">                      140
119             <a href="single.html">           141
120                 <div class="            141
121                     inner_content clearfix"> 142
122                         <div class="        142
123                             product_image">    143
124                                 <img src=?php43 143
125                                     echo base_url('assets/images/ 143
126   upmerch6.jpg');?>" alt="" /> 143
127                                 </div>                                144
128             <div class="sale- 145
129                 box"><span class="on_sale 145
130                     title_shop">New</span></div> 145
131             <div class="price" 146
132                 <div class=" 147
133                     cart-left">          147
134                         <p class=" 148
135                             title">UP Merchandise</p> 148
136                     <div class=" 149
137                         price1">          149
138                         <span 150
139                             class="actual">P300.00</span> 150
140                         </div>                                151
141             </div>                                152
142         <div class=" 153
143             cart-right"> </div>          153
144         <div class=" 154
145             clear"></div>          154
146             </div>                                155
147         </div>                                156
148             </a>                                157
149         </div>                                158

```

```
</div>   159


160
    <a href="single.html">                  161
        <div class="inner_content clearfix"> 162
            <div class="product_image">          163
                 164
            </div>                            165
        <div class="sale-box"><span class="on_sale title_shop">New</span></div> 166
    <div class="price">                      167
        <div class="cart-left">                 168
            <p class="title">UP Merchandise</p> 169
            <div class="price1">                   170
                <span class="actual">P300.00</span> 171
            </div>                            172
        </div>                            173
        <div class="cart-right"> </div>          174
    <div class="clear"></div>                  175
    </div>                            176
</a>   177
</div>   178


179
    <a href="single.html">                  180
        <div class="inner_content clearfix"> 181
            <div class="product_image">          182
                 183
            </div>                            184
        <div class="sale-box"><span class="on_sale title_shop">New</span></div> 185
    <div class="price">                      186
        <div class="cart-left">                 187
            <p class="title">UP Merchandise</p> 188
            <div class="price1">                   189
                <span class="actual">P300.00</span> 190
            </div>                            191
        </div>                            192
    </div>                            193
</div>   194
<div class="cart-right"> </div>          195
<div class="clear"></div>                  196
</div>   197
</div>   198
</div>   199
</a>   200
<div class="clear"></div>                  201
</div>   202
<div class="col_1_of_3 span_1_of_3">          203
    <a href="single.html">                  204
        <div class="inner_content clearfix"> 205


```

206 </div>

207 </div>

## XI. Acknowledgement

Okay, so deadline na ng SP Docs bukas kaya mapipilitan akong gawin to ngayon. At habang ginagawa ko to eh ni rurun ko tong MP ko sa Machine Learning at inaayos ang MP ko sa Computer Graphics.. Haaysss..

Anyway, hindi pa rin ako makapaniwala na gagraduate na ako (Gagraduate na nga ba? Haha assume ko na lang na gagraduate na ako LOL). Grabe sobrang bilis ng four years. Parang kahapon lang nalaman ko yung UPCAT results tapos next next next week eh graduation ko na haha. Ang saya and at the same time, ang lungkot din.. lol

Marami akong gustong pasalamat sa four years na stay ko dito sa UPM, lalong lalo na sa mga taong tumulong sakin sa SP ko. Pero syempre, una sa lahat, nagpapasalamat ako sa Diyos. Wala ako ngayon dito sa mundong ito kung hindi dahil sa inyo, Lord hehe. Susundin ko lang ang kagustuhan ninyo sa kung ano man ang magiging trabaho ko after nito. Cliche man pakinggan, pero sobrang naniniwala ako sa "Just do your best and God will do the rest."

Ikalawa nagpapasalamat ako sa pamilya ko. Sa mga magulang ko na laging nandyan at handang sumuporta sa lahat ng gawain ko. Ma at Pa, alam kong hindi niyo to mababasa, pero wala lang, alabyu! Para sa inyo po ang lahat ng ito. Nagpapasalamat na din ako sa mga kapatid ko na kahit iniinggit ako kapag matutulog na o kapag aalis eh marunong pa rin naman silang mangamusta hehe.

Ikatlo nagpapasalamat ako sa mga prof ko. Lalo na sa adviser ko, kay Maam Perl. Thank you Maam sa pagtulong niyo sa akin na ayusin tong SP ko, lalo na sa pagtulong niyo sa akin nung time na ginigisa ako ng ibang prof nung proposal at defense ko haha. Kung hindi dahil sa inyo, baka hindi ako gagraduate ngayon. Kaya thank you so much Maam! Pati na din sa iba kong prof lalo na kanila Sir Neil, Sir Marohn, Sir Edan, na hindi lang acads ang itinuro sa akin kundi ibat ibang lessons na din sa buhay hehe

Ikaapat nagpapasalamat ako sa mga kaibigan ko lalo na sa Green Hornets (G.H.) hehe, pati na rin sa ilang Smokeys. Grabe GH, sa lahat ng mga MP at group

projects eh parang tayo tayo lang din ata yung mga naging magkakagrupo hahaha! Naniniwala naman ako na after neto eh magkakaibigan pa rin tayo :)) Kaya salamat sa inyo Jesh, Renzo, Marquee, Nathan, Aky, Kit. Salamat sa bonding moments, yung mga heart to heart talk lol, tawanan pati iyakan haha. Salamat na din kanila AD, Raffy, Chester, Rain, Cristine at buong block 12 haha. Mahirap ang buhay ng maging ComSci kapag walang laptop, kaya lubos akong nagpapasalamat sa inyong nagpahiram sakin ng mga laptop ninyo para matapos ko tong SP ko, pati yung mga MP's at exercises sa mga subjects hehe.

At huli sa lahat nagpapasalamat ako sa iyo, UP. Maraming salamat sa apat na taon na pang totorture at paghihirap na ipinaranas mo sakin. Pumasok ako ng UP ng mahina, lalabas akong malakas (lol); pumasok akong walang muwang, lalabas akong puno ng kaalaman; pumasok akong walang pakialam, lalabas akong nangingialam sa mga nangyayari sa paligid ko. Hindi lang JAVA, C, Database, Differentiation at Integration ang itinuro mo sakin, dahil itinuro mo rin kung pano pangahalagahan ang kaalaman, kung pano magmahal ng kapwa, at kung pano mahalin ang bayan. Kaya ipinapangako ko sayo UP, hindi kita bibiguin :))

#IskolarNgBayanParaSaBayan