Final Individual Project Report

**E-business Web Application**

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**Brief Introduction**

Nowadays e-market is evolving day by day and people are used to purchase any products through internet in instant way. In this case, many people are facing so many problems regarding non interactive of web applications. So, this project will be the one of solution to that issue. This is a prototype website designed for customers and retail sellers, with the motive of buying and selling products. This is a very interactive website designed using HTML, CSS, JavaScript and PHP languages. I have used the knowledge gained from practical sessions to build the website. I can make sure that all of the requirements which are mentioned in the criteria of final project are been achieved from this website.

**Functionalities of the website**

* Online Registration
* Log in/Log out
* Edit profile
* Remove account
* Upload/edit/delete their products and outlets
* View products as category wise
* Add/remove wished products to shopping cart
* Customize the status of products
* Google map incorporation
* Interact with the database

The following table demonstrates the privileges and functionalities of roles which can be used this website for different purposes:

|  |  |  |
| --- | --- | --- |
| **As a viewer** | **As a root** | **As an admin** |
| Online registration | Upload/edit/delete their products and outlets | Upload/edit/delete their products and outlets |
| View products as category wise | Customize their account | Customize their account |
| Add/remove products to shopping cart | Allow to buy wished products | Allow to buy wished products |
| Allow to buy wished products |  | Customize the status of products |
|  |  | Customize the products and outlets list |
|  |  | Manage and control the users accounts |
|  |  | Determine users’ roles |

**Issues I have faced while designing the website**

**Overall Structure of the website**

Learnt by looking at other websites and experienced gained through in class design

**Determining the requirements of the website**

As a customer’s point of view, listed down the requirements and considered when designing

**Table creation of database**

According to requirements, created the appropriate tables with the help of gained knowledge from practical sessions.

**More creative graphical designs for the website when comparing others**

Overcame it by getting sample ideas from other websites and inserted my own ideas while designing

**Google map incorporation to the web site**

Learnt to insert Google map to a web page from the internet sources

**Faced some issues with page designs when considering the user roles**

Web design and structure have some differentiations according to user roles. So, I referred my practical notes to solve these issues.

**Page Interfaces of website**

**A screenshot of a cell phone

Description automatically generatedCollections page**

**A screenshot of a cell phone

Description automatically generatedOutlets page**

**A screenshot of a social media post

Description automatically generatedShop-cart page**

**A screenshot of a cell phone

Description automatically generatedRegistration and login modal**

**A screenshot of a cell phone

Description automatically generated**

**A close up of a watch

Description automatically generatedA close up of a watch

Description automatically generatedOther features in index page**

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**A screenshot of a cell phone

Description automatically generatedAdd item page**

**A screenshot of a social media post

Description automatically generatedProfile page**

**A screenshot of a cell phone

Description automatically generatedMy items page**

**Users page**

**A screenshot of a cell phone

Description automatically generated**

**Items page**

**A screenshot of a cell phone

Description automatically generated**

**Sample Codes**

A screenshot of a social media post

Description automatically generated**A screenshot of a social media post

Description automatically generatedNavigation menu bar**

**A screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

Description automatically generatedDisplay date and time using ajax**

**A screenshot of text

Description automatically generatedSaving, updating and deleting my items**

**A screenshot of text

Description automatically generatedA picture containing screenshot

Description automatically generatedA screenshot of a cell phone

Description automatically generated**

**A screenshot of a social media post

Description automatically generated**

**Login and logout**

**A screenshot of a cell phone

Description automatically generatedA screenshot of a social media post

Description automatically generated**

**Uploading images**

**A screenshot of a social media post

Description automatically generated**

**A screenshot of a social media post

Description automatically generatedA screenshot of a social media post

Description automatically generatedAdd to cart function**

**A screenshot of a social media post

Description automatically generated**

**Google map insertion**

**A screenshot of a cell phone

Description automatically generated**

**Slide down effect used in Collections page**

**A screenshot of a social media post

Description automatically generated**

**Zoom in effect using in Index page**

**A screenshot of a cell phone

Description automatically generated**

**A screenshot of a social media post

Description automatically generatedDeleting profile**

**System setup**

**XAMPP setup guide line**

1. First, you should have opened the XAMPP Control Panel.
2. Start apache and MySQL modules.
3. Check whether your project file is inside the correct directory or not by using below link in file explorer.

“C:\\xampp\htdocs\”

1. Then open your web browser and type URL

<https://localhost/dashboard/>

1. After type website folder name at end of that URL. (File name- “Project”)

Eg: <https://localhost/dashboard/Project/>

**Conclusion**

As per the final project requirements (for DIWE certificate), I hope this proposed prototype project will cover the all requirements.

Usernames and Passwords for functionality check:

|  |  |  |
| --- | --- | --- |
| **Email** | **Role** | **Password** |
| rupee@gmail.com | Admin | 077 |
| karan@gmail.com | Root | 123 |
| kavin@gmail.com | Root | 075 |

**Note**: For 100 % functionality of the web site, access to the internet is required for the following pages.

* Contact Us panel in Footer - Google map
* Panels which has connections to social media sites- Hyperlinks used at different places

**References (Sources) used**

* Theory book part 1 and 2
* Codes we have implemented during the course period (practical work)
* www.w3school.com
* Google map codes - https://developers.google.com/maps/tutorials/fundamentals/adding-a-google-map