



TRIBHUVAN UNIVERSITY

A LAB REPORT

ON

**“MIS & E-Business”
(CASC 301)**

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Faculty of Humanities and Social Sciences

Mahendra Morang Adarsha Multiple Campus Biratnagar

12, Morang, Nepal

**In partial fulfilment of the requirements for the Bachelor degree in
Computer Applications**

Submitted by: Bikram Prasad Sah Sudi

LAB-1 (Xampp & WordPress installation)

Objective:

The objective of this lab report is to guide through the installation process of XAMPP, a local web development environment, and WordPress, a popular content management system, on a Windows system.

Equipment/Software Required:

- Windows operating system
- XAMPP installer (<https://www.apachefriends.org/index.html>)
- WordPress installer (<https://wordpress.org/download/>)

Procedure:

Step 1: Downloading and Installing XAMPP

1. Navigate to the XAMPP official website (<https://www.apachefriends.org/index.html>).
2. Download the latest version of XAMPP for Windows.
3. Once the download is complete, locate the downloaded installer file.
4. Double-click on the installer file to initiate the installation process.
5. Follow the on-screen instructions in the installation wizard.
6. When prompted, choose the components to install. Ensure that Apache and MySQL are selected.
7. Choose the installation directory (default is recommended).
8. Complete the installation process by clicking "Finish."

Step 2: Starting Apache and MySQL Services

1. After the installation is complete, launch XAMPP Control Panel from the Start menu.
2. Start the Apache and MySQL services by clicking on the "Start" buttons next to them.

Step 3: Downloading and Installing WordPress

1. Navigate to the WordPress official website (<https://wordpress.org/download/>).
2. Download the latest version of WordPress.
3. Once the download is complete, locate the downloaded WordPress.zip file.
4. Extract the contents of the WordPress.zip file to the "htdocs" directory within the XAMPP installation directory (usually located at "C:\xampp\htdocs").

Step 4: Creating a MySQL Database for WordPress

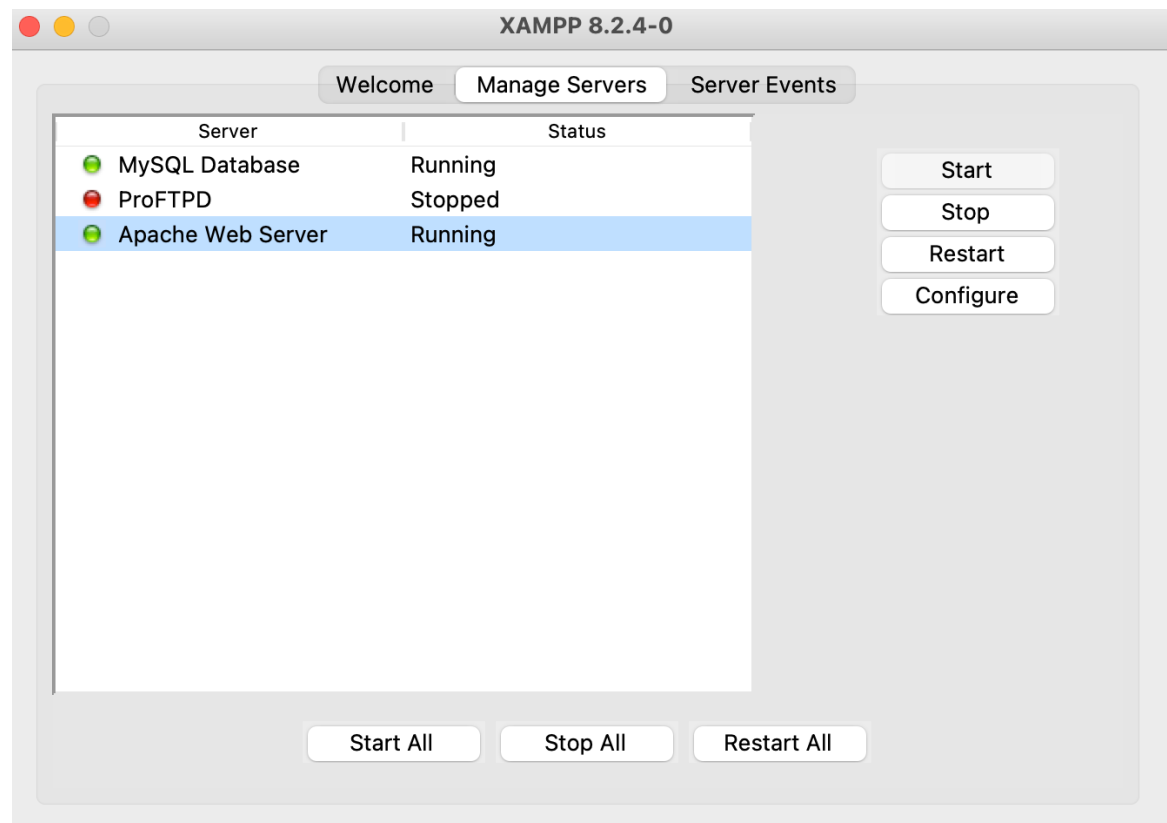
1. Open a web browser and navigate to <http://localhost/phpmyadmin/>.
2. Log in using the default username (root) and leave the password field blank.
3. Click on the "Databases" tab.
4. Enter a name for your WordPress database in the "Create database" field (e.g., "WordPress").
5. Click on the "Create" button to create the database.

Step 5: Installing WordPress

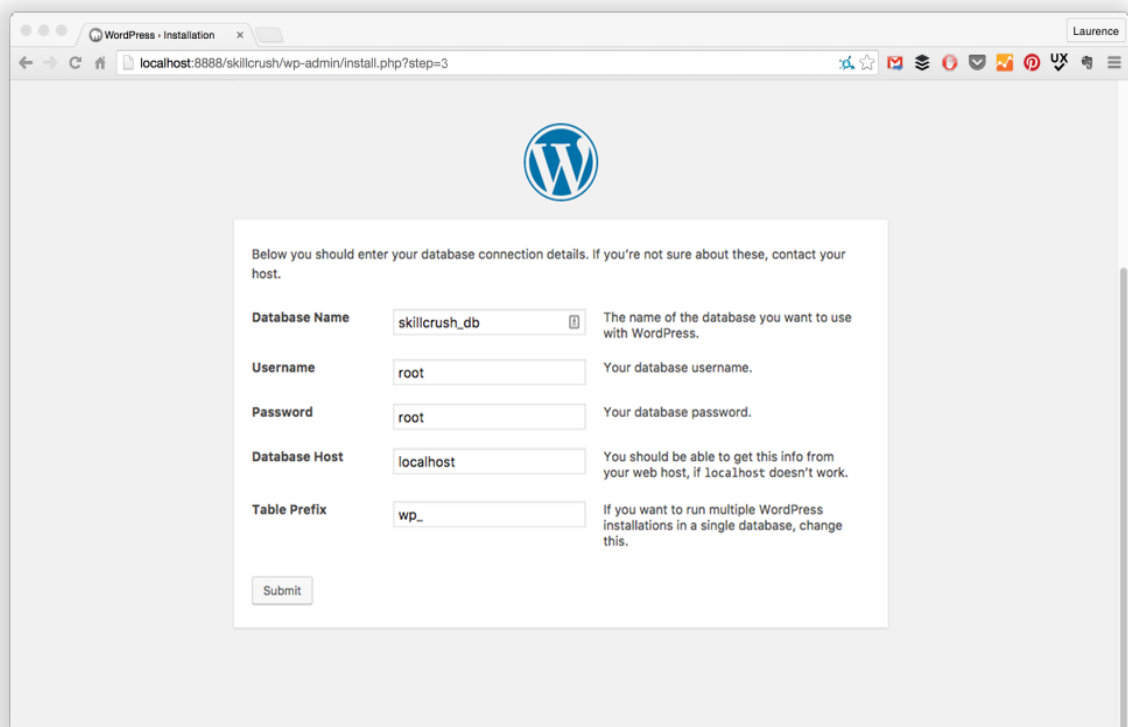
1. Open a web browser and navigate to <http://localhost/wordpress/> (replace "WordPress" with the directory name if you extracted WordPress to a different folder).
2. Select your preferred language and click "Continue."
3. On the next screen, WordPress will inform you that it needs a database name, username, password, database host, and table prefix. Enter the following information:
 - Database Name: The name of the database you created in Step 4 (e.g., "WordPress").
 - Username: "root"
 - Password: Leave this field blank.
 - Database Host: "localhost"
 - Table Prefix: You can leave this as the default "wp_".
4. Click "Submit" and then click "Run the installation."
5. Enter the required information for your WordPress website, such as Site Title, Username, Password, and Email Address.
6. Click "Install WordPress."
7. Once the installation is complete, you can log in to your WordPress dashboard using the provided credentials.

Screenshots and Images:

Xampp controller



WordPress installation setup



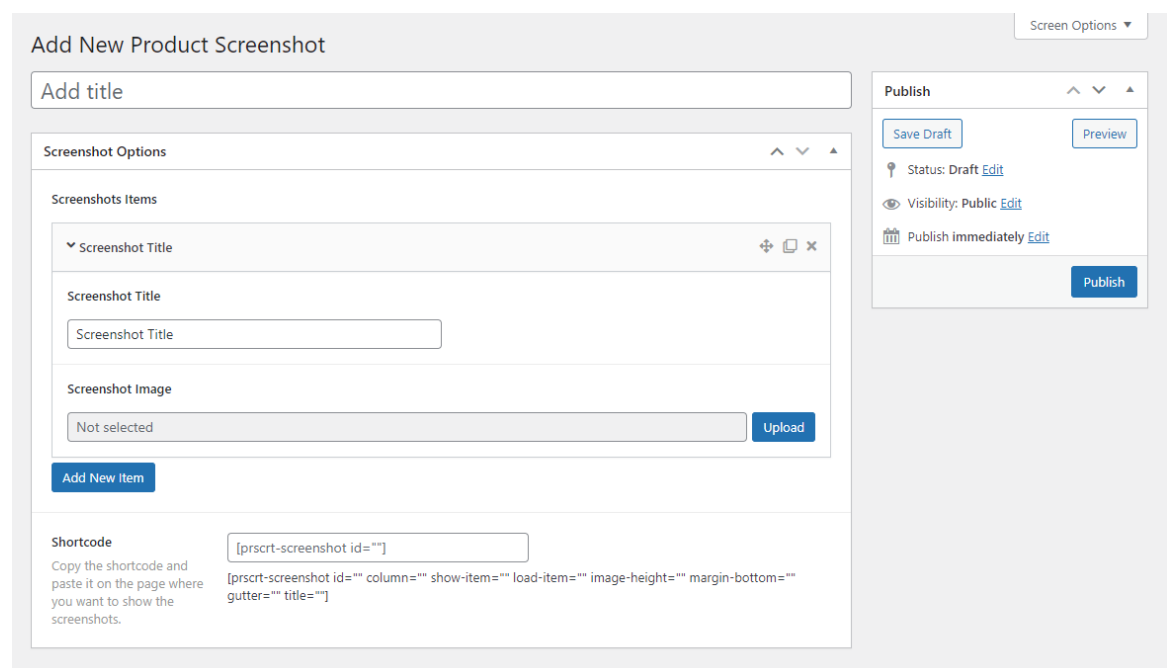
LAB-2 (Installing WooCommerce, Theme, Adding Products, and Plugins)

Objective:

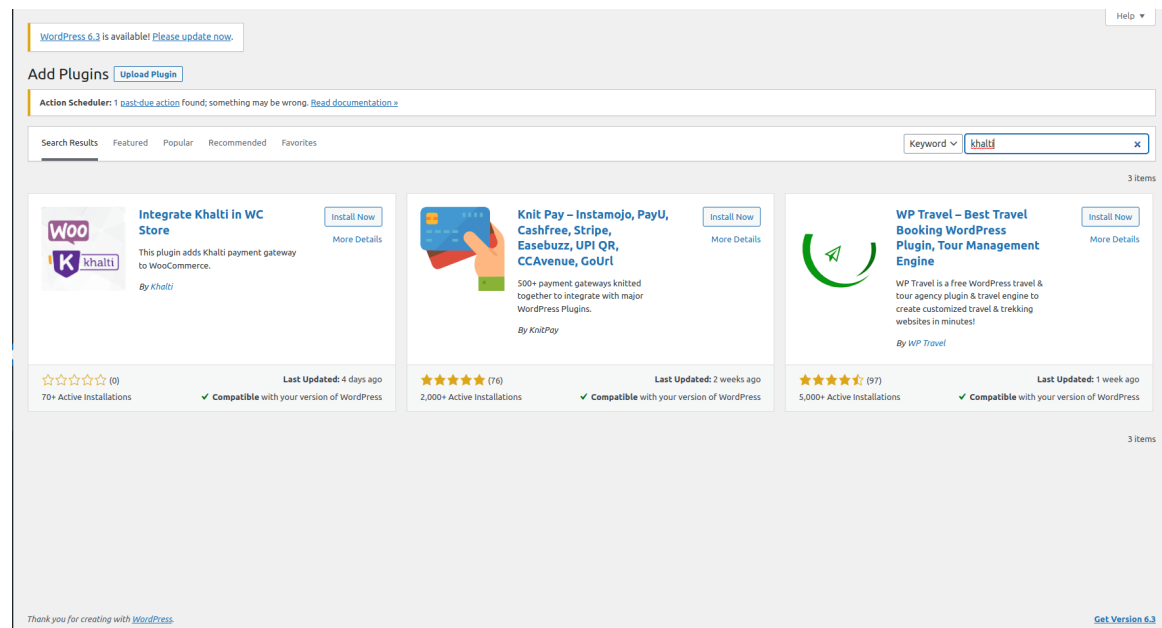
The objective of this lab is to set up an e-commerce website using WordPress, WooCommerce plugin, install a suitable theme, add products to the store, and integrate payment gateway plugins.

Procedure:

1. Installing WordPress:
 - Navigate to the hosting server's control panel.
 - Locate the WordPress installer (usually found in the Softaculous or Installatron section).
 - Follow the prompts to install WordPress, providing necessary details like site name, username, and password.
2. Installing WooCommerce Plugin:
 - Log in to the WordPress admin dashboard.
 - Go to Plugins > Add New.
 - Search for "WooCommerce" in the search bar.
 - Click on "Install Now" and then "Activate" the plugin.
3. Installing Theme:
 - Navigate to Appearance > Themes.
 - Click on "Add New" and browse through available themes or upload a theme file.
 - Once uploaded or selected, click on "Activate" to apply the theme.
4. Adding Products:
 - Go to WooCommerce > Products > Add Product.
 - Fill in product details such as title, description, price, and product image.
 - Set product categories and tags if necessary.
 - Click on "Publish" to add the product to the store.
5. Adding Images:
 - For product images: While adding or editing a product, click on "Set product image" or "Set featured image" to upload product images.

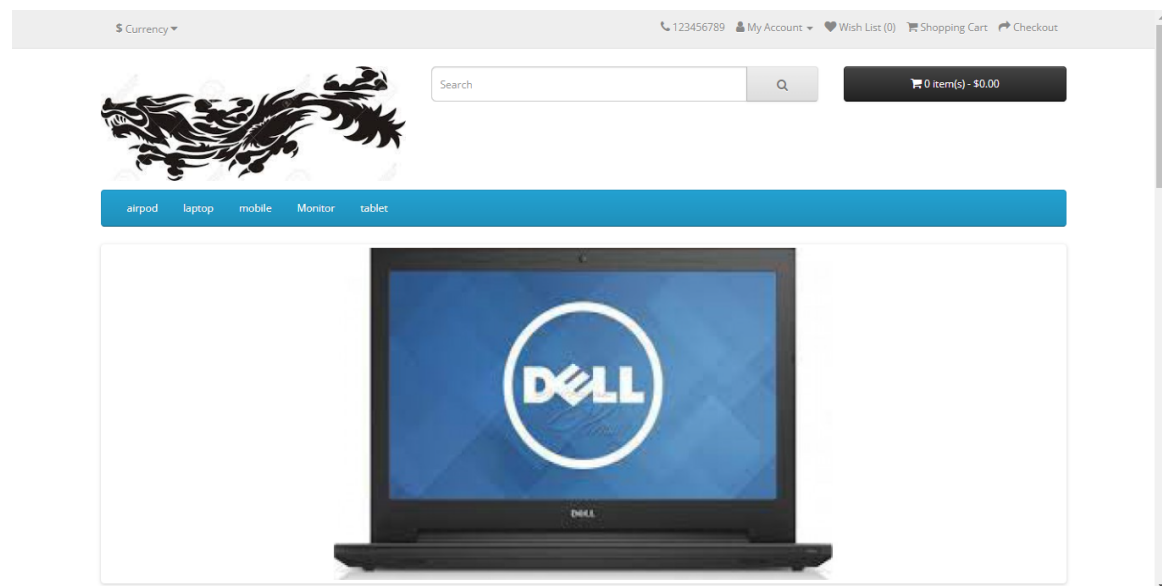


Khalti payment gateway integration




System Design (my e-commerce website)

Our website is use for e-commerce purpose. In this website we sell different gadget like laptop, mobile, air pod to people. User can visit our website and see different gadget they want to order of different company they trust and like and order them. We have different company model gadget. In our website people can see gadget information like gadget price, name, which company it belongs to, image and extra description. People can give review to product to show how product is to make people easier to buy we have add feature of cart. People can add product to cart and still visit website to see what else they want to buy.



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