|  |  |
| --- | --- |
| **Module 3: Installing WampServer**   Understanding WampServer   Installing WampServer   Editing the Configuration File   Turning on cURL   Enabling mod\_rewrite | **Module 4: Configuring WordPress**   Creating a Database   Creating a Website Folder   Copying the WordPress Files and Folders   Configuring WordPress |
| **Module 5: The WordPress Interface**   Login to the Dashboard   The Notion of the Dashboard   Changing the Dashboard Palette Colour   Opening a New Tab for Your Website   The Toolbar   The Screen Options   Expanding or Collapsing the Modules   Collapsing the Menu | **Module 6: Changing WordPress Settings**   Turning Comments Off   Changing the Timezone  **Module 7: About Plugins**   What is a Plugin?   Where to find Plugins?   Downloading a Plugin   Installing a Plugin   Updating a Plugin   Uninstalling a Plugin |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **Module 8: The Add New Page Screen**   Screen Options for Pages   Toggling the Toolbar   Switching Between Visual and Text Editors   Adding Buttons to the Editor Toolbar | **Module 9: Creating Web Pages**   Uploading Images & Files   Viewing All the Pages   Deleting a Page   Undeleting a Page   Adding Pages   Inserting Images |
| **Module 10: Inserting Hyperlinks**   Inserting a Hyperlink to Download a File   Inserting a Hyperlink to a Website   Inserting a Hyperlink to an Internal Page   Inserting an E-mail Address   Removing a Hyperlink | **Module 11: Creating a Menu**   Creating a New Menu   Adding Pages to the Menu   Adding a Custom Link Menu Item   Re-Arranging Menu Items   Setting the Menu Location   Removing a Menu Item   Setting the Home Page |
| **Module 12: Themes and Appearance**   What is a Theme?   Where to Find Themes?   Downloading a Theme   Changing the Default Theme   Installing a Theme   Updating a Theme   Making Changes to a Theme   Uninstalling a Theme | **Module 13: About Widgets and Sidebars**   What is a Widget?   What is a Sidebar?   Adding/Removing Widgets   Using the Text Widget to Add Text   Using the Text Widget to Add Images  **Module 14: About Shortcodes**   What is a Shortcode?   How to Use a Shortcode |
| **Module 15: Adding a Photo Gallery**  ** Using the Built-in WordPress Gallery Feature**  ** Uploading the Photos**  ** Add a Gallery Menu Item** | **Module 16: Creating a Contact Form**  ** Installing a Plugin**  ** Adding a Shortcode to a Page** |
| **Module 17: Creating an Online Form**  ** Adding Google Keys**  ** Creating an Online Form**  ** Creating a Text Field**  ** Creating an E-Mail Field**  ** Creating a Radio Button Field**  ** Creating a Checkbox Field**  ** Creating a Drop-Down Field**  ** Adding a reCAPTCHA**  ** Adding a Submit Button**  ** Configuring the E-mail Fields**  ** Changing the Message Body**  ** Creating an Autoresponder**  ** Adding the Shortcode to a Page**  ** Installing a Plugin to Save the Data** | **Module 18: Inserting an Image Slider**  ** Installing a Plugin**  ** Creating a Slideshow**  ** Adding a Slideshow to a Page**  ** Adding a Slideshow to a Sidebar**  **Module 19: Inserting a Google Map**  ** Installing a Plugin**  ** Adding the Map Widget to a Sidebar**  ** Using Google Code to Add a Map**  **Module 20: Adding Social Media Buttons**  ** Installing a Plugin**  ** Configuring the Plugin**  ** Adding a Social Media Buttons to a Sidebar**  **Module 21: Adding a User**  ** Adding an Administrator**  ** Deleting a User**  ** The Different Roles** |
| **Module 22: WordPress Web Security**  ** Installing a Plugin**  ** Running a Scan**  ** Using Strong Passwords**  ** Changing the Admin User**  ** Keeping WordPress and Plugins Up to Date**  ** Avoiding Free Themes**  ** Making Regular Backups** | **Module 23: Backing Up the Website**  ** Installing a Plugin**  ** Creating a Backup**  ** Locating the Backup**  ** Downloading the Backup**  **Module 24: Making the Website Live (Demo)**  ** Creating a Database, User and Password**  ** Uploading Files**  ** Restoring the Backup File**  ** Changing the Permalinks** |

You can change the port while you open your XAMP control panel, follow the steps:

1. click on config net to the start button, and
2. select httpd.conf, a text file will open
3. check the file and file listen:80,
4. once got listen:80 replace with listen:8080 and
5. save in the the same folder.

Once done that, you will be able to start your local server.

Step 1: Follow the directions of <http://www.projectpier.org/manual/installation/xampp> to install your working ProjectPier.

Step 2: Install stunnel-4.21-installer.exe on your XAMPP server. Then, open the stunnel configuration file (usually "C:\Program Files\stunnel\stunnel.conf").

Here is my stunnel.conf:

cert = stunnel.pem  
socket = l:TCP\_NODELAY=1  
socket = r:TCP\_NODELAY=1  
debug = 7  
output = stunnel.log  
client = yes

[smtpg]  
accept = 127.0.0.1:25  
connect = smtp.gmail.com:465  
;or connect = 72.14.215.109:465 so there's no DNS lookup

Save these lines to your own stunnel configuration file. Now, stunnel can be started (Start - Programs - stunnel - Run stunnel).

Step 3: Configure your php.ini file. XAMPP has three php.ini files, look in your XAMPP welcome screen and cick on "phpinfo()". There you will find the location of the php.ini file which needs to be changed (mine is at C:\xampp\apache\bin).

Here is my php.ini entry for the mail function:

[mail function]  
; For Win32 only.  
sendmail\_path = "C:\xampp\sendmail\sendmail.exe -t"  
SMTP = localhost  
smtp\_port = 25

Save the changes to your php.ini and STOP-START THE XAMPP SERVER!

Step 4: Configure sendmail.ini. The XAMPP installation contains sendmail. You will find a folder "sendmail" in your XAMPP folder.

Here is my c:\xampp\sendmail\sendmail.ini entry for the mail function:

[sendmail]  
smtp\_server=localhost  
smtp\_port=25  
default\_domain=gmail.com  
error\_logfile=error.log  
auth\_username=[yourgmailname]@gmail.com  
auth\_password=[yourgmailpassword]

You should have a working sendmail functionality using Gmail's smtp-servers now!

Step 5: Configure ProjectPier to send email.

In ProjectPier, open the mail configuration: Â» Dashboard Â» Administration Â» Configuration Â» Mailing and just make sure to set "Mail transport" to "Default PHP settings" (you don't need to set any server-, port- or authentication settings, because this will be handled by the PHP function)

You should now be able to use ProjectPier to send an email to yourself! (Â» Dashboard Â» Administration Â» Tools Â» Test mail settings)

In short: ProjectPier will generate the email messages and hand these over to PHP's sendmail function (configured in step 5). PHP will run the sendmail.exe to send outgoing email messages (configured in step 3) and Sendmail is configured to send the email messages from the localhost, using default smtp port 25 with username and password for the smtp server (configured in step 4). All traffic for port 25 on the localhost will be recognised by stunnel. Stunnel is configured to handle this traffic and send it out on port 465 using SSL which Gmail uses for the smtp servers (configured in step 2).

I advise to try the above exactly as I have described. First make everything work and when you have it working, then you might want to take care to configure XAMPP and stunnel as services. Use the instructions on the XAMPP and stunnel webpages to get this done..