Installation Guide:

LearnPLC uses **Laravel php framework**, **Bootstrap front-end framework**, **jQuery & jQuery UI**.

Here is a list of sources to understand each individual component:

<https://laravel.com/docs/5.2>

<https://api.jquery.com/>

<https://api.jqueryui.com/>

<http://getbootstrap.com/getting-started/>

Here is an easy demonstration of installing LearnPLC on your own **Linux-based Hosting Servers**

1. Create the required database:

To install LearnPLC on your own server, please create your database like this:

* plccsl\_website\_laravel
  + courses
  + course\_module
  + course\_roles
  + course\_user
  + modules
  + password\_reminders
  + sections
  + section\_progress
  + users

1. Initialize database:
   1. **courses**: To store instructor-customized courses information.
   2. **course\_module**: To store detail segments for each instructor-customized courses.
   3. **course\_roles**: To store a list of roles that each user can play in a course, which is **student** and **instructor** for now.
   4. **course\_user**: To store students’ information for each course.
   5. **sections\_progress**: To store progress information for each section.
   6. **users**: To store all users’ information.

These 6 tables are handled by php, so we don’t need to do anything for now.

* 1. **modules**: To store a list of learning modules.
  2. **sections**: To store a list of sections for all modules.

These 2 tables need to be imported manually. The SQL files can be found at the learnplc/documentation/database/.

1. Copy files to the server:

Copy all files from “**learnplc/www/**” to the “**public\_html**” folder on your server.

**Note:** Make sure you copy the “.htaccess” file, otherwise your homepage won’t be redirected correctly.

1. Connect your database
   1. Create a remote-SQL account from cpanel.
   2. Add the username and password into php.
      1. Open file “learnplc\www\laravel\app\config\database.php”
      2. Search for “'mysql' => array”
      3. In the block, add your remote-SQL username and password
   3. Enable Email confirmation for registration
      1. Open file “learnplc\www\laravel\app\config\mail.php”
      2. Search for “SMTP” Server Username & Password
      3. Put your FTP account name and password in corresponding fields
2. Visit your LearnPLC website, and create a new user follow the **start guide**.