WORKSHOP ON PHP AND LARAVEL FOR SPR PUTRAJAYA
Contact Person/Secretariat: Nur Muizz bin Mohamed Salleh

A. PHP Basics to Intermediate (17, 18 & 19 Feb 2020)

Trainers:
1. Dr. Ahmad Kamal bin Ramli
2. Tn Hj Che Wan Shamsul Bahri bin Che Wan Ahmad

Training Objectives

The intent of this training is twofold: to expose programming in a hands-on project-oriented web development course, and to equip participants with concepts and skills to develop a dynamic web site. This training covers the use of programming language with HTML and PHP, the concepts of database with MySQL and also dynamic website development.

At the end of this training participants should be able to develop a database driven Web application with basic CRUD functions.

Hardware/Software Requirements

Minimum 4GB RAM Windows10 PC/Laptop with Internet

- Laragon - download at
  https://sourceforge.net/projects/laragon/files/releases/4.0/laragon-full.exe
- Sublime Code Editor - download at
  https://www.sublimetext.com/3

Course Outline for PHP & MySQL Programming

Day 1: 17 Feb 2020 (Monday)

+ Web Technology & Concepts

+ HTML5 & Bootstrap

+ Introduction to Web Application Development

+ PHP Syntax

Day 2: 18 Feb 2020 (Tuesday)

+ Comparison and Selection

+ Array and Repetition

+ MySQL Syntax

+ PHP and MySQL Connectivity

+ Extract and Listing Record

Day 3: 19 Feb 2020 (Wednesday)

+ Search, Update and Delete

+ Interface enhancement using BootStrap theme

+ Login and Logout facilities

+ Parameterized security using Server Session

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B. Laravel Basics to Intermediate (20, 24 & 25 Feb 2020)

Trainers:

1. Khirulnizam bin Abd Rahman
2. Muhammad Tarmizi bin Sanusi Afkar

Training Objectives

The intent of this training is train participants with the skills to develop web-based system using MVC framework such as Laravel.

This training covers the use of Laravel framework which is based on PHP, and also some advance-level dynamic website development.

Hardware/Software Requirements

Minimum 4GB RAM Windows10 PC/Laptop with Internet

- Laragon - download at
  https://sourceforge.net/projects/laragon/files/releases/4.0/laragon-full.exe
- Sublime Code Editor - download at
  https://www.sublimetext.com/3

Course Outline for Laravel Framework

Day 4: 20 Feb 2020 (Thursday)

+ Introduction to MVC Framework

+ Installing the Development Stack

+ Basic login/logout facilities in Laravel

+ Creating views

Day 5: 24 Feb 2020 (Monday)

+ Changing theme/template of Laravel interface

+ Record searching in Laravel

+ Update and Delete in Laravel

Day 6: 25 Feb 2020 (Tuesday)

+ Pagination

+ File uploading

+ Creating additional Module (guided practical)

+ More on Module