## Course Outline

### PHP - Environment Setup

- Installing Xampp Server
- Installing and configuring Editor
- Trouble shooting installation errors

### Php Introduction

- PHP Introduction
- Benefits  of Websites
- About is Static and Dynamic Websites

- Current market trends and PHP career
- PHP Syntax
- Testing PHP program in Server
- PHP variables
- Defining variables
- Basic guidelines for constants
- Embedding PHP in html pages
- PHP Data types

## PHP Operators:
- Arithmetic Operators
- Assignment Operators
- Incrementing/Decrementing Operators
- Comparison Operators
- Logical Operators

## PHP Conditional Statements
- If Statement
- Else Statement
- Else if Statement
- Switch statement

## PHP Loops
- For loops
- While loops
- Do While loops
- Foreach loop

## PHP Arrays

- Types of PHP Arrays
- Single Arrays
- Associative Arrays
- Multi-Dimentional arrays
- Implode/explode

## PHP Functions

- Buildin array functions
- Straing functions
- PHP user defined functions
- Global keyword

## HTML [Hyper text markup languages]

- Basics of HTML
- Working HTML Form elements

Creating simple form

- Creating Login form
- Creating Registration form
- Introduction of Dreamweaver
- Using Form controls
- Site root creations
- Using HTML form and PHP
- Using HTML, CSS, PHP together

## Super global variables

- $_GET
- $_POST
- $_REQUEST
- $_FILES

- $_COOKIE
- $_ENV
- $_SESSION
- $_SERVER
- Creating Login module with PHP and HTML
- Creating Signup module with PHP and HTML

## File Uploading

- Upload Files
- Saving uploading files in a specific folder

## Working with serverside includes

- Include
- Require/require_once
- header function

## Introduction of Sessions

- Creating sessions and Session variables
- Reading session variables
- Deleting session variable and Destroying sessions
- Implementing sessions in login module

## Working with Cookies

- Creating cookies variables
- Seting  time to Cookie
- Retrieving cookie data
- Realtime example on cookies
- Date & Time functions
- Mail function

## Using File functions

- Reading and Writing various types of files
- File Modes
- File attributes
- Managing files with file system commands

## MYSQL

- Introduction of DBMS, RDBMS
- About Tables, Records, Fields
- Introdution of SQL Language
- Types of SQL Queries

## MYSQL QUERIES

- **DDL Queries**
    - Creating Database
    - Creating Tables
    - Alter
    - Drop
- **DML Queries**
    - Select statement
    - Inserting statement
    - Update statement
    - Delete statement
- **SQL Clauses**
    - Where
    - Order by
    - Group by
    - Primary and foriengkeys

- **Using Operators**
  - o Joining Tables
  - o Using sub Queries
  - o SQL aggregate functions
  - o Working with PHP My Admin
  - o Backingup database and restoring

## PHP MYSQL Live examples
- Creating user login form using Database
- Creating Registration form using Database
- Email & Mobile Confirmations & Authentications

## Working with database driven Mini project
- User Registration Module
- Login Authentication Module
- Search, Insert , Update & Delete Users & Data
- Content management using admin module

## HTML5 Webform Controls
Reatime examples:
- HTML5-PHP-Mysql User Authentication Module
- And some database driven programs

## Additional and Real-time topics

- Introduction of Frameworks

All course material in PDF Format

## Course Details:

- Course Duration     : 35 Days
- Training            : Online
- Method:             : Normal, Fast Track and Weekends Classes

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