Web development (PHP & Laravel)

1. ## Introduction to Php
   a. Overview To Php

   b. Server And Fundamental Setup

   c. Variables, Arrays & Loops

   d. Function & Conditionals

   e. Quiz

2. ## MySQL
   a. Introduction to MySQL

   b. Connecting to a database

   c. Retrieving data from database

   d. Inserting and updating data

   e. Looping through a data

   f. Session Variables

   g. Cookies

   h. Storing Password Security

   i. Quiz

3. ## OOP Fundamentals
   a. Overview

   b. Class & Methods

   c. Properties & Visibility

   d. __get__ & __set__ Magic Methods

   e. Class Inheritance

4. ## Advanced OOP
   a. Introduction

   b. Static Properties & Methods

   c. Abstract Classes & Methods

    d. Auto loading Classes & Final Keyword

    e. Object Iteration

    f. Quiz

5. <u>OOP & Databases</u>

    a. Introduction

    b. PDO Database Class & Connection

    c. Fetching Data

    d. Inserting Data

    e. Updating and Deleting Data

    f. Quiz

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Requirement

- Clear concept on php, and MySQL

- Basic concept on OOP Programming

6. <u>Laravel</u>
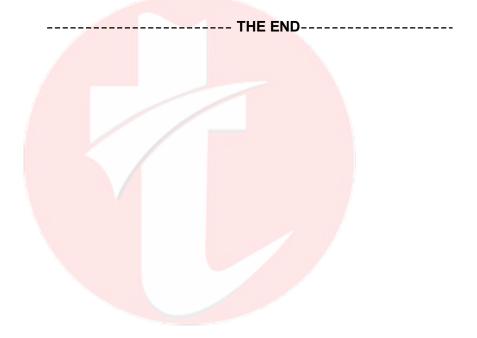
    a. Route Introduction & Route Naming.

    b. Request Lifecycle.

    c. Resource view route.

    d. Data passing process without controller.

    e. Artisan command & Create Controller Class.

    f. Data passing process with controller.

    g. Introduce to App Service Provider Class.

    h. GET & POST Request.

    i. Introduce to Auth Class.

    j. Install Auth Class

    k. User registration

    l. User Login

    m. Introduce to Migration, Schema, and Blueprint.

    n. Create migration file.

    o. Prepare migration file for creating table.

    p. Introduce to Quire builder & Eloquent ORM in Laravel.

    q. Create Model Class with migration file.

r. Data insert in the database through Quire builder & Eloquent ORM.

s. Data Retrieve from database through Query Builder & Eloquent ORM.

t. Data Edit & Update through Eloquent ORM & Query Builder.

u. Data Delete through Eloquent ORM & Query Builder.

What you'll learn

- ✓ Build websites and webapps
- ✓ Get a job as a junior web developer
- ✓ Understand the concepts behind object-oriented PHP
- ✓ Learn how to deal with RDBMS within OOPS framework
- ✓ Learn real word programming concepts

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