WEB PROGRAMMING BACKEND

Laravel PHP and MYSQL

Roadmap Course

Session 1

- Intro backend and php
- Why php
- Alternative
- Install localhost
- Syntax
- Variable and const
- Data type

Session 2

- operator
- IF Condition
- Switch

Session 3

- Review
- For loop
- While loop
- Do while
- Jump Statement

Session 4

- Indexed array
- Associative array
- Multidimensional array
- Array sorting

Session 5

- Intro function
- Defining function
- Using parameters
- Understanding scope
- Return values
- Call by value & call by reference

Session 6

- Some built-in function
- Request Method
- Validation

Session 7

- File IO
- File management
- File upload
- File download
- File edit and create

Session 8

- Session
- Cookie
- Hidden fields in form
- Error handling

Session 9

- Intro Database
- ERD
- Example ERD
- Intro MySQL

Session 10

- DB create
- Table Create
- Columns Type
- Indexed and Key
- Relationship

Session 11

- Insert
- Delete
- Update
- Select

Session 12

- Review
- Joining Table
- Drop Tables
- Edit Tables
- MySQL Connection

Session 13

- Intro oop
- Define class and object
- Why oop
- Constructor
- Destructor
- Access modifiers
- Inheritance

Session 14

- Class Constants
- Abstract Classes
- Interfaces
- Static Methods
- Static Properties
- Traits
- Namespaces
- Iterables

Session 15

- Composer intro
- Laravel intro
- Install Laravel
- Why Laravel
- Laravel alternative

Session 16

- Routing
- Routing Provider
- Intro Controller

Session 17

- Complete Controller
- View
- Blade template
- Middleware

Session 18

- Migration
- Intro model and database

Session 19

- Complete database
- Relationship
- Advanced topic

Session 20

- Intro API
- Auth API
- Trait API

Session 21	Session 22	Session 23	Session 24	Session 25
• Complete API • Social Login	• Training Project 1 • Discuss some bugs and some tools	• Training Project 2 • Discuss some bugs and some tools	• Training Project 3 with API • Discuss some bugs and some tools	• Discuss some bugs and some tools

THANKS FOR WATCHING