



Advanced Web Programming



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! RULES !



DON'T BE LATE



**DON'T CALL
(WA ONLY)**



**DON'T CHEAT
(DISC. 50%)**

Matakuliah PWL

- Pemrograman Web Lanjut (3 SKS/6 Jam)

Capaian Pembelajaran

- Memahami konsep Web Framework dengan pendekatan Model, View, Controller (MVC)

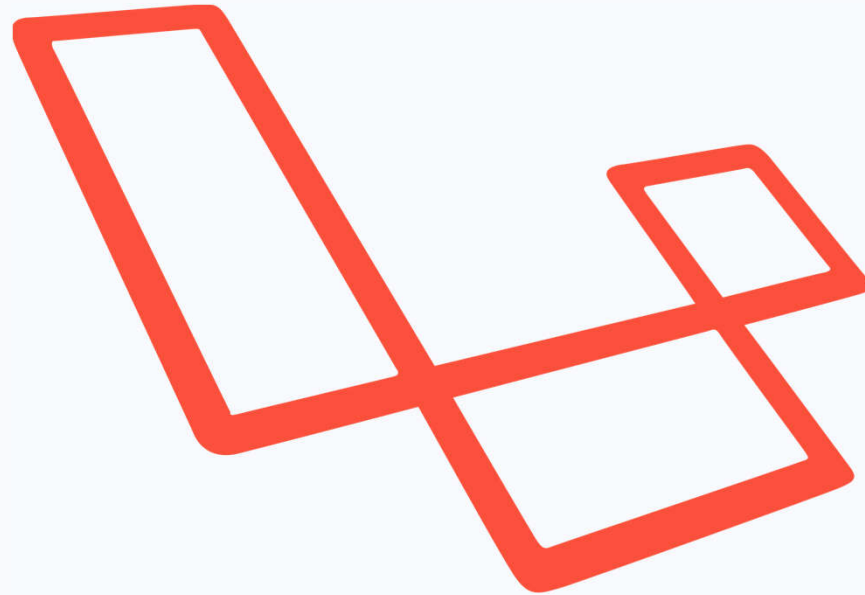
Silabus

Week	Topic
1	Introduction to Web Framework
2	Controller & Routing
3	View
4	Model
5	Quiz 1
6	Autentikasi
7	CRUD
8	UTS
9	CRUD with relation
10	Upload File and Reporting
11	RESTful API
12	Quiz 2
13	Project
14	Project
15	Project
16	Project
17	UAS

#PolinemaWeb

Introduction to **Laravel** Web Framework

Modern Php Web Framework



INTRODUCTION

In this practicum, you will learn about the introduction to web frameworks and also to prepare a work environment for advanced web programming.

INTRODUCTION

Advanced backend development and security job - PHP/Laravel



Hourly: \$20.00-\$45.00 - Expert - Est. Time: 3 to 6 months, 30+ hrs/week - Posted 1 hour ago

We're looking for someone who is very skilled in backend development, specifically in PHP, Laravel, MySQL, and HTML. Candidate must have a solid understanding of databases, different types of database structures, the ability to reverse engineer compl ... [more](#)

Database Architecture

Database

API

Software Architecture & Design

Proposals: **15 to 20**

Payment verified \$10k+ spent United States

INTRODUCTION

SR. Larvel Engineer



Hourly: \$27.00-\$50.00 - Expert - Est. Time: More than 6 months, 30+ hrs/week - Posted 54 minutes ago

Hey there, I need somebody to continue a project that I hired another upwork dev to do. It's an analytics reporting tool for social media and we need to finish off the tasks that he did not complete. What I need is for somebody to spend a few hour ... [more](#)

[Laravel](#)[Software Architecture & Design](#)

Proposals: **10 to 15**



Payment verified




\$300+ spent



United States

Weekly bestsellers

[View all](#)


Perfex
Customer Relationship & Project Management


LOVED BY 12.000+

TRY DEMO

Perfex - Powerful Open Source CRM
by MSDev in Project Management Tools

\$59
★★★★★ (987)
12.4K Sales

Preview 




CyberBukit TTS

- Text-to-Speech Management Software
- 47 Languages, Over 200 Voices
- AWS Polly & Google Text-to-Speech
- Wasabi for storage

SaaS Ready

CyberBukit TTS - Text to Speech - SaaS...
by CyberBukit in Miscellaneous

\$69
★★★★★ (8)
107 Sales

Preview 



WhatsApp Food
Ordering on WhatsApp Supercharged

WhatsApp as platform to get orders.
Create a digital menu for your Restaurant.
Order, Chat and Pay instantly.

Tools used: 

WhatsApp Food - SaaS WhatsApp Orde...
by mobidonia in Shopping Carts

\$60
★★★★★ (5)
72 Sales

Preview 



MailWizz
Email Marketing Application

One of the most complete EMAIL MARKETING APPLICATION ever created

Developed by codecanyon

MailWizz - Email Marketing Application
by twisted1919 in Php Scripts

\$69
★★★★★ (676)
12K Sales

Preview 

Rising stars

[View all](#)

QuickOrder
WhatsApp Ordering Solution

Amplify your reach, inspire your audience, cut costs and save time all by using this single tool.

QuickOrder - WhatsApp Ordering Addon
by bylancer in Shopping Carts

\$49
37 Sales

Preview 



Thermal Printer v1.0


- Automatic Invoice Printing
- Automatic Kitchen Order Ticket (KOT) Printing
- Fully Translatable
- Works with Windows, MacOS, Linux and Network Printers.

Compatible with foodomaa v2.3+

Thermal Printer Module for Foodomaa
by stackcanyon in Add Ons

\$19
33 Sales






Customer Loyalty & Memberships for Perfex


POINTS-BASED SYSTEM • TIER SYSTEM TO REWARD


Increase brand loyalty, customer retention and conversion rate of you online store with the perfect rewards module for Perfex CRM

Support multiple languages: 

Customer Loyalty and Memberships for...
by GreenTech_Solutions in Add Ons

\$49
17 Sales

Preview 




SalesGo SaaS Business Sales CRM

- Comprehensive Dashboard
- Users, Role & Permission
- Accounts, Contacts & Campaign
- Leads, Opportunities & Cases
- Quotes, Invoices & Sales order
- Tasks, Documents, Calendar
- Custom Report Builder
- Landing page included

SalesGo SaaS - Business Sales CRM
by Rajodiyainfotech in Miscellaneous

\$29
★★★★★ (4)
14 Sales

Preview 

LEARNING OBJECTIVES

Students are able to understand the **concept of a web framework**

Students are able to **install a web framework**

Students are able to understand the **structure of the web framework**

Students are able to **use git**

THEORY

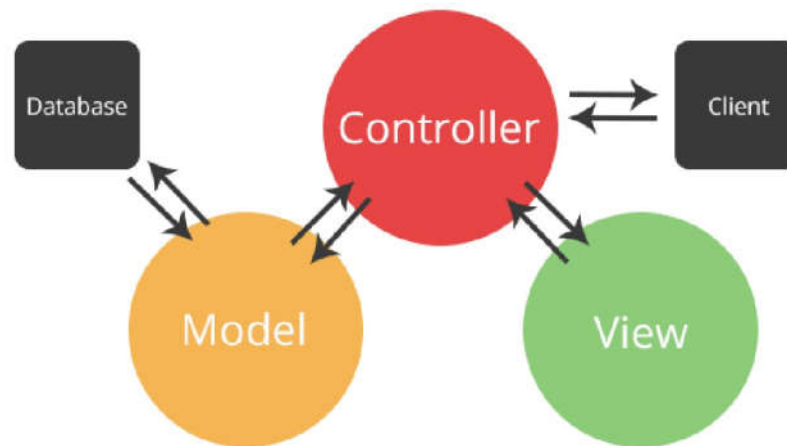
Understand Theory Because Practice Without Theory Is...

Framework

- Frameworks in web development can be interpreted as a set of tools that help developers to create web applications.
- Providing the developers with predefined functionalities and libraries
- **Why need a framework?**
 - **Speed of software development.**
 - **Easy to use.**
 - **Coding is easy to maintain.**

MVC

- MVC stands for Model-View-Controller.
- MVC is an application architecture concept that separates the data (Model) from the application business rules (Controller) and the user interface (View)



MODEL

- Contains logical functions related to calculations, programming algorithms, and database processing.
- Object Oriented.

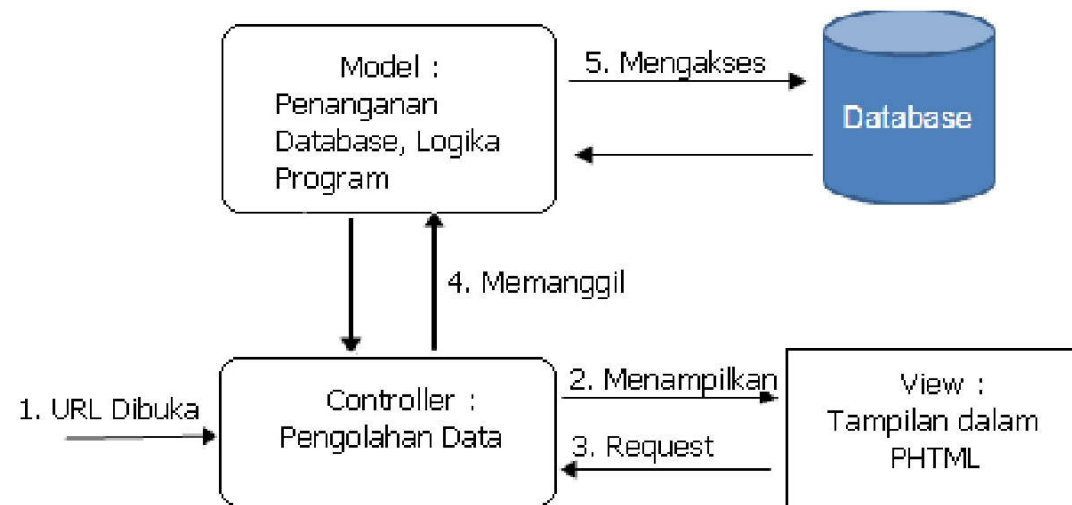
VIEW

- Contains code for displaying web page layouts.
- No logic & programming algorithms at all.

CONTROLLER

- Link MODEL with VIEW.
- Main process capsulation.
- URI processor.
- There can be program logic & algorithms.

MVC



Text Editor / IDE
(Php Storm OR [VsCode](#))

Pc / Laptop

Git Client

TOOLS & MATERIALS

NodeJS

Composer

Web Browser

PHP
(XAMPP)

PRACTICE

If it's been read, don't stop, code right away !!!

STARTING LARAVEL

- Install XAMPP (PHP versi ≥ 7.3)
- Install Composer
- Install NodeJS
- Install Laravel + create project

ANY QUESTION ?