



Pemrograman Web Lanjut



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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)

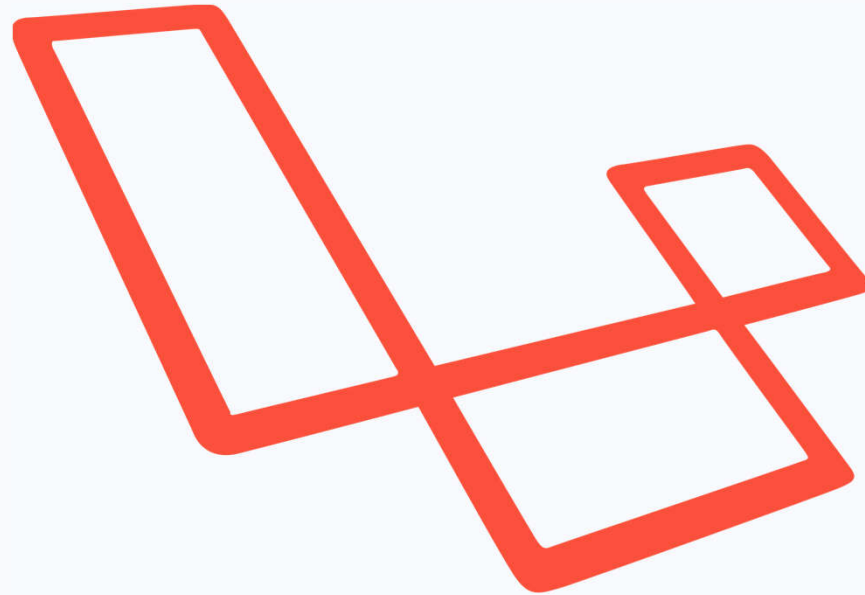
Silabus

Pertemuan	Pembahasan
1	Pengenalan Web Framework
2	Controller & Routing
3	View
4	Model
5	Kuis 1
6	Autentikasi
7	CRUD
8	UTS
9	CRUD berelasi
10	Unggah File dan Pelaporan
11	RESTful API
12	Kuis 2
13	Proyek
14	Proyek
15	Proyek
16	Proyek
17	UAS

#PolinemaWeb

Pengenalan Web Framework **Laravel**

Modern Php Web Framework



PENDAHULUAN

Pada praktikum kali ini anda akan mempelajari tentang pengenalan terhadap [web framework](#) dan juga untuk mempersiapkan lingkungan kerja pada pemrograman web lanjut.

PENDAHULUAN

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

PENDAHULUAN

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

PENDAHULUAN

Laravel Website Updates on a Monthly Basis



Hourly: \$13.00-\$30.00 - Intermediate - Est. Time: More than 6 months, 10-30 hrs/week - Posted 1 hour ago

Hi there! I have a client with a large Laravel website that needs regular maintenance and improvements. I'm looking for someone I can depend on to firstly give me some suggestions and estimates to make changes each month. And when issues arise I can ... [more](#)

[Laravel](#)[PHP](#)

Proposals: **20 to 50**



Payment verified



\$9k+ spent

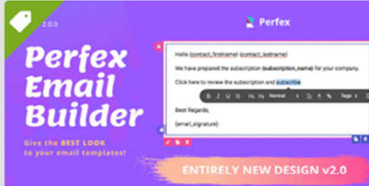


United States

PENDAHULUAN

Save on code, scripts & plugins

Browse on sale code





Perfex Email Builder
v2.0

Make contact, newsletter, contact, welcome...
We have prepared the subscription (subscribe), email for your company.
Click here to review the subscription and [subscribe](#)
Best regards,
(Email signature)

ENTIRELY NEW DESIGN v2.0

Drag and Drop Perfex CRM Email Builder
by wlocalhost in Add Ons

~~\$39~~ **\$7**
★★★★☆ (8)
171 Sales



trademen Now Available **ERC20** Version: **3.0.0**
Fastest trading platform


WE ARE PROVIDING THE MOST POWERFULL TRADING SCRIPT ON ENVATO

- BTC and ETH Node
- Private and Public Api
- +1000 Coins
- Limit, Market & StopLimit
- Dynamic settings
- Menu Builder
- Trading View Chart
- Visual page builder
- KYC and 2FA supported
- Referral system
- Bank payment
- Self live data streaming (no pusher required)

Laravel 5.4 **FREE INSTALLATION**

Trademen 3 - cryptocurrency exchange...
by code-men in Php Scripts

~~\$999~~ **\$899**
★★★★★ (13)
37 Sales

Preview 



MAROCMS


- Powerful Control Panel
- Easy to use
- Usability
- Responsive Design
- SEO
- Easy to setup
- 24/7 Support

MaroCMS - Business CMS
by marwaelmanawy in Php Scripts

~~\$22~~ **\$15**
★★★★★ (10)
115 Sales

Preview 

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 

TUJUAN PEMBELAJARAN

Mahasiswa mampu memahami **konsep** web framework

Mahasiswa mampu **memasang** web framework

Mahasiswa mampu memahami **struktur** web framework

Mahasiswa mampu **menggunakan** git

TEORI

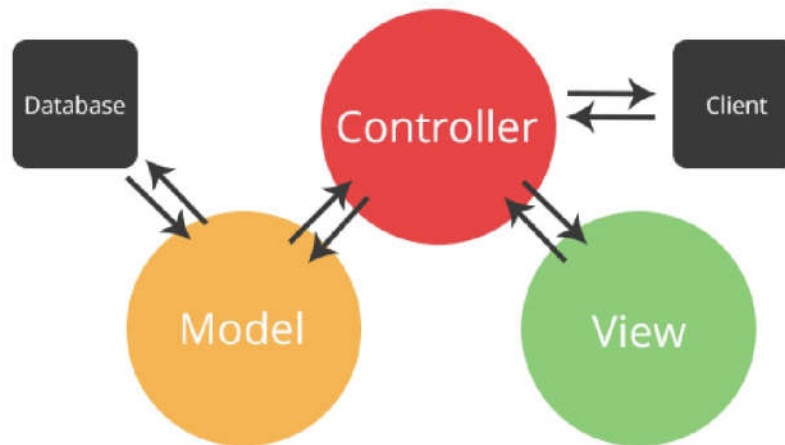
Pahami Teori Karena Praktek Tanpa Teori Itu ...

Pengertian Framework

- Software platform yang dapat digunakan berulang kali dalam membangun aplikasi.
- kumpulan library siap pakai yang dapat dimanfaatkan dalam membangun aplikasi
- Terdiri dari support program, compiler, libraries, tool sets, dan API
- **Mengapa butuh framework?**
 - **Kecepatan** pengembangan software.
 - **Mudah** digunakan.
 - Coding mudah di **maintenance**.

MVC

- MVC merupakan singkatan dari **Model-View-Controller**.
- MVC adalah sebuah konsep arsitektur aplikasi yang memisahkan antara **data** (Model) dari **aturan bisnis aplikasi** (Controller) serta **user interface** (View)



MODEL

- Berisi fungsi-fungsi logic yang berhubungan dengan perhitungan, algoritma program, dan pengolahan database.
- Object Oriented.

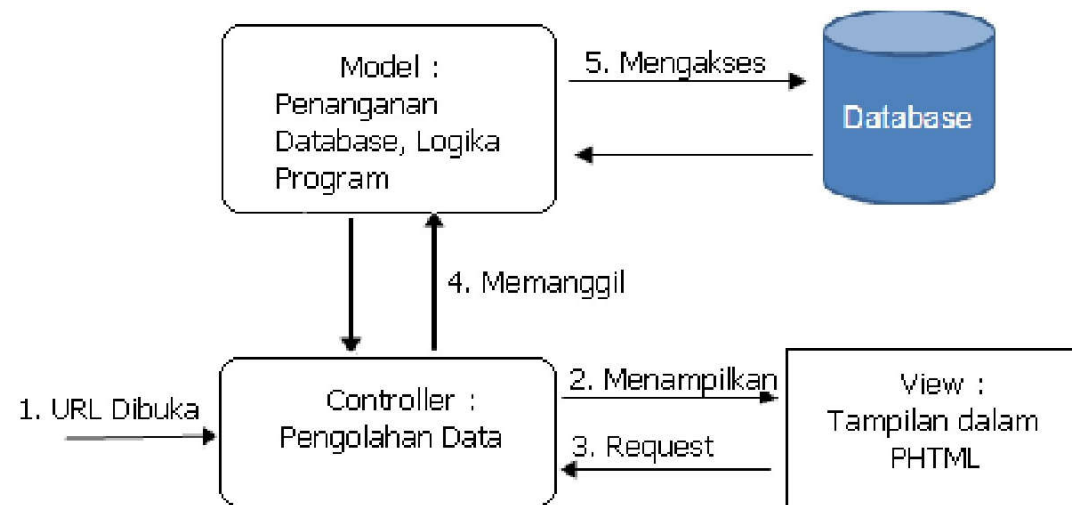
VIEW

- Berisi code untuk tampilan layout halaman web.
- Tidak ada logic & algoritma program sama sekali.

CONTROLLER

- **Penghubung** MODEL dengan VIEW.
- Kapsulasi proses-proses utama.
- Pengolah URI.
- Boleh ada logic & algoritma program.

MVC



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

Pc / Laptop

Git Client

ALAT DAN BAHAN

Composer

NodeJS

PHP
(XAMPP)

Web Browser

PRAKTEK

Kalo dah dibaca jangan diem langsung ngoding !!!

MEMULAI LARAVEL

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

PERTANYAAN ?

Malu [bertanya](#) ? Sesat seumur hidup :v