

**PERTEMUAN 12
INSTALL LARAVEL**

PEMROGRAMAN BERBASIS FRAMEWORK



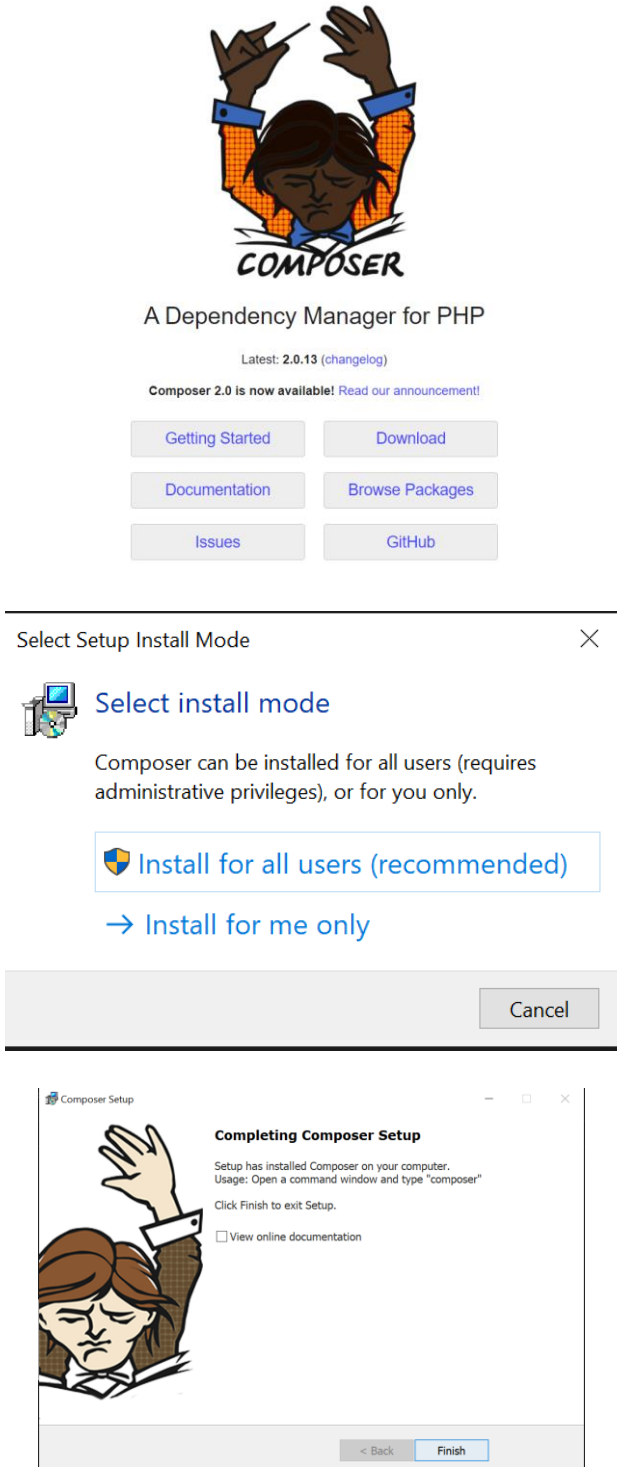
Disusun oleh:
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D4 TI – 3F / 15
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**POLITEKNIK NEGERI MALANG
JURUSAN TEKNOLOGI INFORMASI
PROGRAM STUDI D4 TEKNIK INFORMATIKA**

MEI 2021

Langkah Praktikum

- Install Laravel

| No | Keterangan |
|----|--|
| 1. | <p>Laravel menggunakan Composer untuk mengelola dependensinya. Jadi, sebelum menggunakan Laravel, pastikan Composer telah terinstall terlebih dahulu. Composer adalah dependensi manajer untuk library PHP. Composer digunakan untuk menginstal, menghapus, dan memperbarui paket PHP. Unduh composer melalui https://getcomposer.org/, pilih Download untuk memulai proses unduh.</p>  <p>The image shows the Composer website and its installation process. The top part is the Composer website, which features a cartoon character with a distressed expression, the word 'COMPOSER' in a stylized font, and the tagline 'A Dependency Manager for PHP'. Below this, it indicates the latest version is 2.0.13 and provides links for 'Getting Started', 'Download', 'Documentation', 'Browse Packages', 'Issues', and 'GitHub'. The bottom part of the image shows the 'Select Setup Install Mode' window. It asks the user to select an install mode, with options for 'Install for all users (recommended)' and 'Install for me only'. A 'Cancel' button is also present. The bottom-most part shows the 'Completing Composer Setup' window, which confirms the installation and provides usage instructions, with a 'Finish' button.</p> |

2. Terdapat 2 cara dalam menginstall Laravel,

1. Install Via Laravel Installer

Setelah proses instalasi Composer selesai, buka Command Prompt lalu tuliskan lokasi folder yang akan menampung folder kerja kita. Karena pada praktikum sebelumnya telah menggunakan XAMPP, maka dapat menggunakan folder htdocs. Pindah ke direktori htdocs dengan ketik: **cd C:\xampp\htdocs**. Setelah berada di dalam folder, ketikkan perintah sebagai berikut:

composer global require "laravel/installer"

Tunggulah hingga proses penginstalan selesai. Setelah itu, Kita bisa mulai membuat project laravel dengan mengetikkan perintah:

laravel new laravelapp

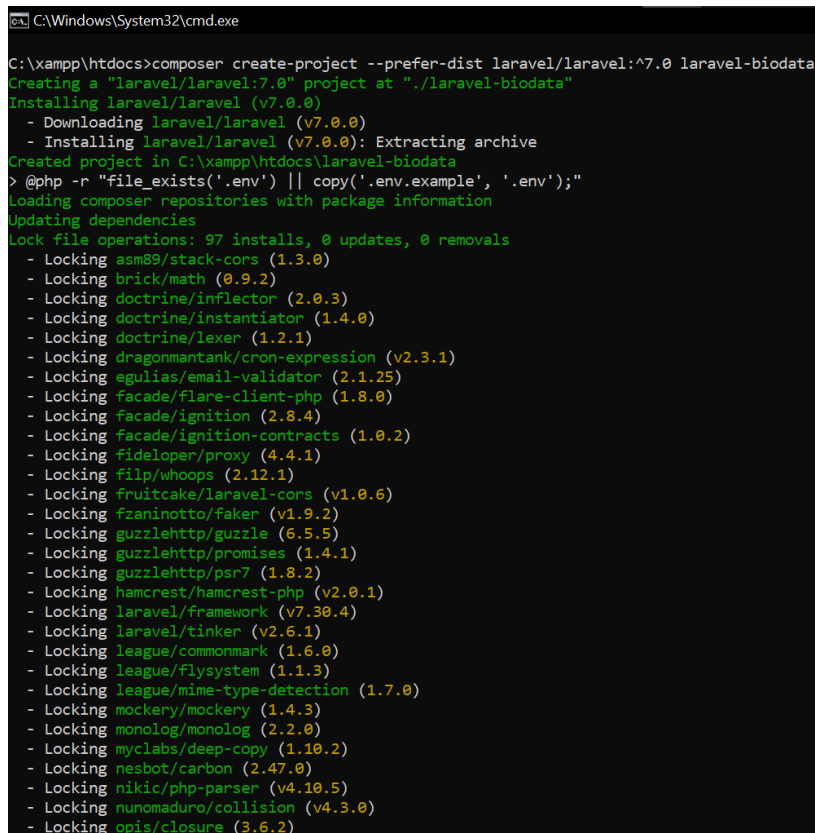
Keterangan:

laravelapp: merupakan folder kerja laravel, Kita dapat menggantinya sesuai dengan keinginan

2. Install Via Composer Create-Project

Selain menggunakan cara pertama, Kita dapat melakukan penginstalan laravel dengan mengetikkan perintah berikut pada command prompt:

composer create-project --prefer-dist laravel/laravel:^7.0 laravel-biodata



```
C:\Windows\System32\cmd.exe

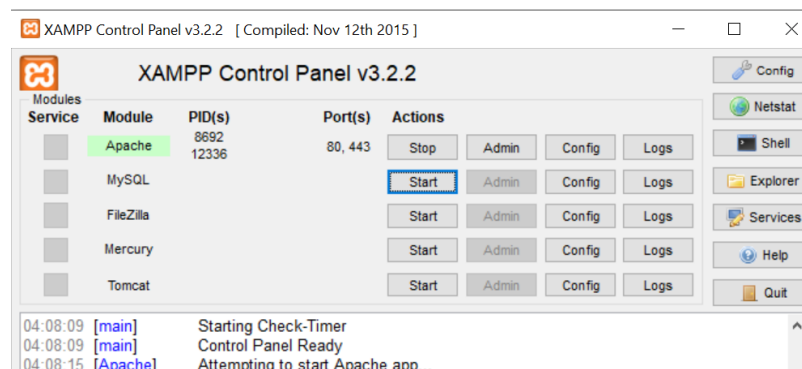
C:\xampp\htdocs>composer create-project --prefer-dist laravel/laravel:^7.0 laravel-biodata
Creating a "laravel/laravel:7.0" project at "./laravel-biodata"
Installing laravel/laravel (v7.0.0)
- Downloading laravel/laravel (v7.0.0)
- Installing laravel/laravel (v7.0.0): Extracting archive
Created project in C:\xampp\htdocs\laravel-biodata
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 97 installs, 0 updates, 0 removals
- Locking asm89/stack-cors (1.3.0)
- Locking brick/math (0.9.2)
- Locking doctrine/inflector (2.0.3)
- Locking doctrine/instantiator (1.4.0)
- Locking doctrine/lexer (1.2.1)
- Locking dragonmantank/cron-expression (v2.3.1)
- Locking egulias/email-validator (2.1.25)
- Locking facade/flare-client-php (1.8.0)
- Locking facade/ignition (2.8.4)
- Locking facade/ignition-contracts (1.0.2)
- Locking fideloper/proxy (4.4.1)
- Locking filp/whoops (2.12.1)
- Locking fruitcake/laravel-cors (v1.0.6)
- Locking fzaninotto/faker (v1.9.2)
- Locking guzzlehttp/guzzle (6.5.5)
- Locking guzzlehttp/promises (1.4.1)
- Locking guzzlehttp/psr7 (1.8.2)
- Locking hamcrest/hamcrest-php (v2.0.1)
- Locking laravel/framework (v7.30.4)
- Locking laravel/tinker (v2.6.1)
- Locking league/commonmark (1.6.0)
- Locking league/flysystem (1.1.3)
- Locking league/mime-type-detection (1.7.0)
- Locking mockery/mockery (1.4.3)
- Locking monolog/monolog (2.2.0)
- Locking myclabs/deep-copy (1.10.2)
- Locking nesbot/carbon (2.47.0)
- Locking nikic/php-parser (v4.10.5)
- Locking nunomaduro/collision (v4.3.0)
- Locking opis/closure (3.6.2)
```

```

- Installing fzaninotto/faker (v1.9.2): Extracting archive
- Installing ralouphie/getallheaders (3.0.3): Extracting archive
- Installing psr/http-message (1.0.1): Extracting archive
- Installing guzzlehttp/psr7 (1.8.2): Extracting archive
- Installing guzzlehttp/promises (1.4.1): Extracting archive
- Installing guzzlehttp/guzzle (6.5.5): Extracting archive
- Installing nikic/php-parser (v4.10.5): Extracting archive
- Installing psy/psysh (v0.10.8): Extracting archive
- Installing laravel/tinker (v2.6.1): Extracting archive
- Installing hamcrest/hamcrest-php (v2.0.1): Extracting archive
- Installing mockery/mockery (1.4.3): Extracting archive
- Installing nunomaduro/collision (v4.3.0): Extracting archive
- Installing webmozart/assert (1.10.0): Extracting archive
- Installing phpdocumentor/reflection-common (2.2.0): Extracting archive
- Installing phpdocumentor/type-resolver (1.4.0): Extracting archive
- Installing phpdocumentor/reflection-docblock (5.2.2): Extracting archive
- Installing phpunit/php-token-stream (4.0.4): Extracting archive
- Installing sebastian/version (2.0.1): Extracting archive
- Installing sebastian/type (1.1.4): Extracting archive
- Installing sebastian/resource-operations (2.0.2): Extracting archive
- Installing sebastian/recursion-context (3.0.1): Extracting archive
- Installing sebastian/object-reflector (1.1.2): Extracting archive
- Installing sebastian/object-enumerator (3.0.4): Extracting archive
- Installing sebastian/global-state (3.0.1): Extracting archive
- Installing sebastian/exporter (3.1.3): Extracting archive
- Installing sebastian/environment (4.2.4): Extracting archive
- Installing sebastian/diff (3.0.3): Extracting archive
- Installing sebastian/comparator (3.0.3): Extracting archive
- Installing phpunit/php-timer (2.1.3): Extracting archive
- Installing phpunit/php-text-template (1.2.1): Extracting archive
- Installing phpunit/php-file-iterator (2.0.3): Extracting archive
- Installing theseer/tokenizer (1.2.0): Extracting archive
- Installing sebastian/code-unit-reverse-lookup (1.0.2): Extracting archive
- Installing phpunit/php-code-coverage (7.0.14): Extracting archive
- Installing doctrine/instantiator (1.4.0): Extracting archive
- Installing phpspec/prophecy (1.13.0): Extracting archive
- Installing phar-io/version (3.1.0): Extracting archive
- Installing phar-io/manifest (2.0.1): Extracting archive
- Installing myclabs/deep-copy (1.10.2): Extracting archive
- Installing phpunit/phpunit (8.5.15): Extracting archive

```

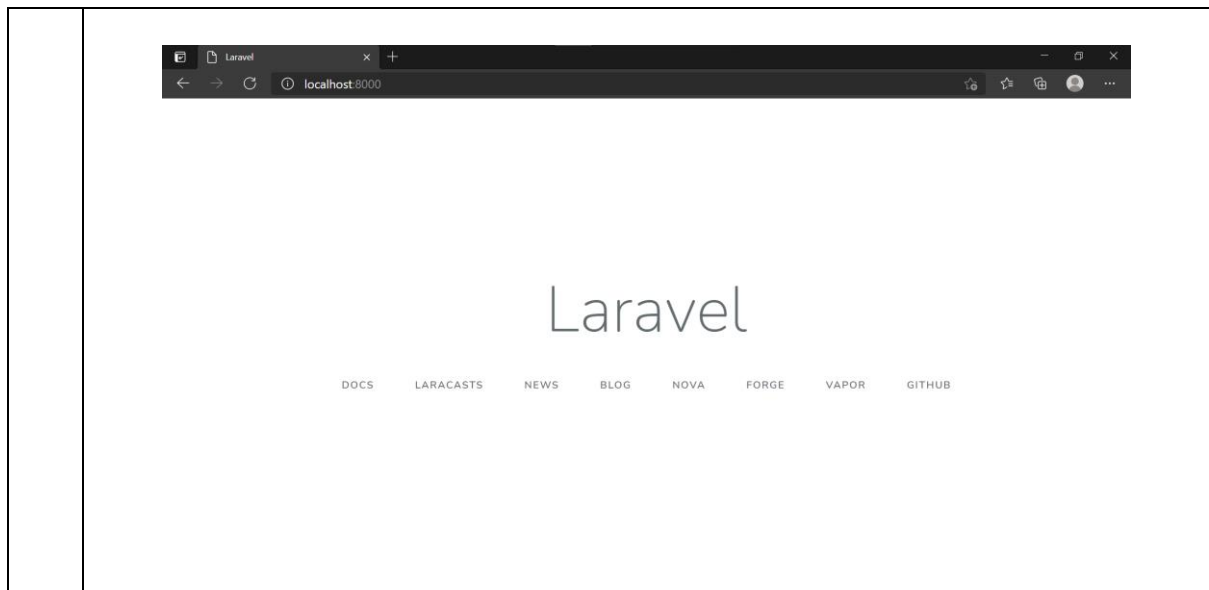
3. Setelah proses instalasi Laravel selesai, Kita perlu menguji apakah hasil instalasi tersebut berjalan dengan baik atau tidak. Aktifkan Apache server lewat XAMPP Control Panel.



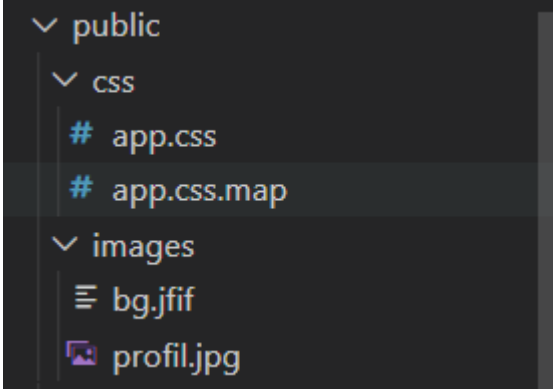
Pada browser, ketik alamat <http://localhost/laravelapp/public/> Atau Kita dapat menggunakan perintah berikut di Command Prompt:

php artisan serve

Kita dapat menjalankan aplikasi LARAVEL di folder manapun dengan menggunakan perintah di atas sehingga tidak harus selalu berada di dalam folder htdocs (XAMPP). Jalankan dengan localhost:8000, dan pastikan tampilan di browser akan seperti berikut ini :



- Mengganti halaman default laravel dengan biodata

| No | Keterangan |
|----|---|
| 1. | <p>Buka routes/web.php, tambahkan routes seperti dibawah ini</p> <pre> routes > web.php > ... 1 <?php 2 3 use Illuminate\Support\Facades\Route; 4 5 /* 6 ----- 7 Web Routes 8 ----- 9 10 Here is where you can register web routes for your application. These 11 routes are loaded by the RouteServiceProvider within a group which 12 contains the "web" middleware group. Now create something great! 13 14 */ 15 16 Route::get('/', function () { 17 return view('welcome'); 18 }); 19 </pre> |
| 2. | <p>Pada folder public tambah folder images dan tambahkan file images yang akan digunakan</p>  |

3. Buka folder resources/views buka file welcome.blade.php ubah isinya seperti pada gambar dibawah ini

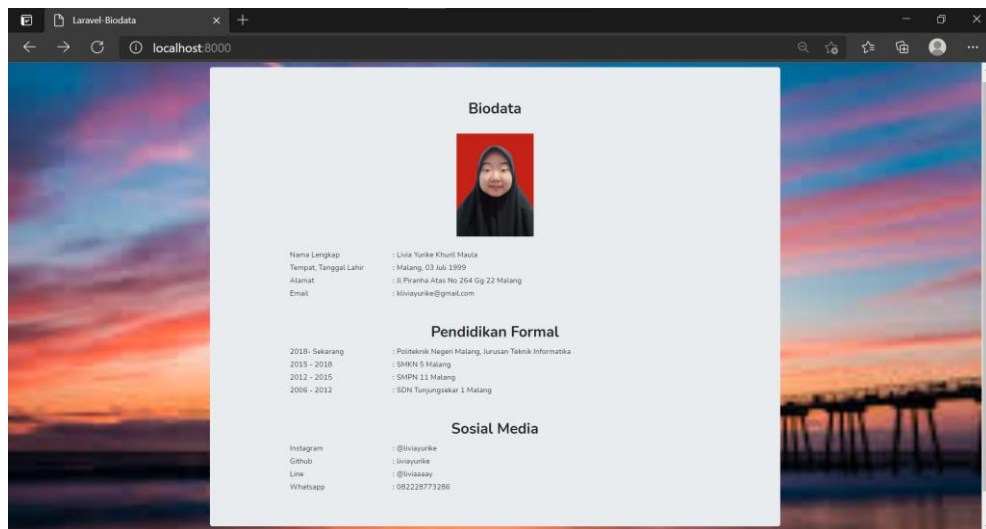
```
resources > views > welcome.blade.php > @html > @body > @div.container-h-100 > @div.jumbotron
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```

4. Install Laravel ui dengan perintah

composer require Laravel/ui

```
C:\xampp\htdocs>composer require laravel/ui
Using version ^3.2 for laravel/ui
./composer.json has been created
Running composer update laravel/ui
Loading composer repositories with package information
Updating dependencies
Lock file operations: 25 installs, 0 updates, 0 removals
- Locking doctrine/inflector (2.0.3)
- Locking illuminate/collections (v8.40.0)
- Locking illuminate/console (v8.40.0)
- Locking illuminate/contracts (v8.40.0)
- Locking illuminate/filesystem (v8.40.0)
- Locking illuminate/macroable (v8.40.0)
- Locking illuminate/support (v8.40.0)
- Locking laravel/ui (v3.2.1)
- Locking nesbot/carbon (2.47.0)
- Locking psr/container (1.1.1)
- Locking psr/simple-cache (1.0.1)
- Locking symfony/console (v5.2.7)
- Locking symfony/finder (v5.2.4)
- Locking symfony/polyfill-ctype (v1.22.1)
- Locking symfony/polyfill-intl-grapheme (v1.22.1)
- Locking symfony/polyfill-intl-normalizer (v1.22.1)
- Locking symfony/polyfill-mbstring (v1.22.1)
- Locking symfony/polyfill-php73 (v1.22.1)
- Locking symfony/polyfill-php80 (v1.22.1)
- Locking symfony/process (v5.2.7)
- Locking symfony/service-contracts (v2.4.0)
- Locking symfony/string (v5.2.6)
- Locking symfony/translation (v5.2.7)
- Locking symfony/translation-contracts (v2.4.0)
- Locking voku/portable-ascii (1.5.6)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 25 installs, 0 updates, 0 removals
- Downloading illuminate/macroable (v8.40.0)
- Downloading illuminate/contracts (v8.40.0)
- Downloading illuminate/collections (v8.40.0)
- Downloading illuminate/support (v8.40.0)
- Downloading illuminate/filesystem (v8.40.0)
```

5. Hasilnya seperti ini :



Link Video Youtube :
<https://youtu.be/sDKu95djrBk>

Link Github :
<https://github.com/liviayurike/Pemrograman-Berbasis-Framework/tree/master/Pertemuan%2012>