

LAPORAN TUGAS

Workshop Sistem Informasi Web Framework



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TEKNIK INFORMATIKA

2023

Acara 1

Instalasi Composer

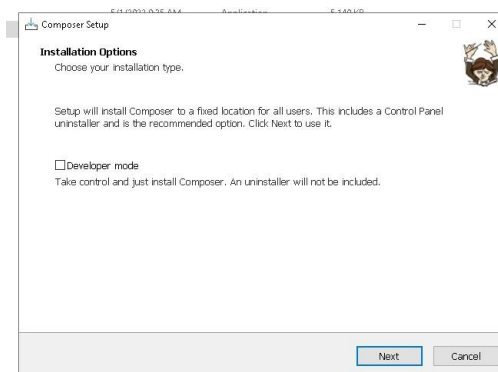
1. Masukkan link <https://getcomposer.org/>

2. Klik download

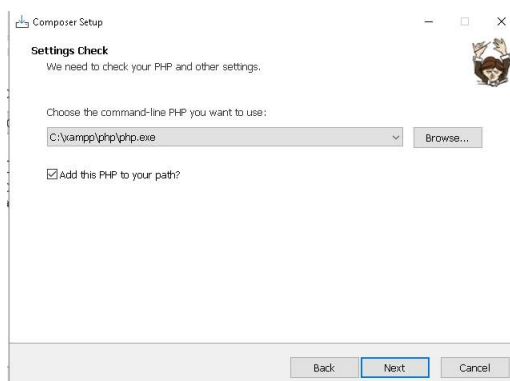


3. Tunggu proses install

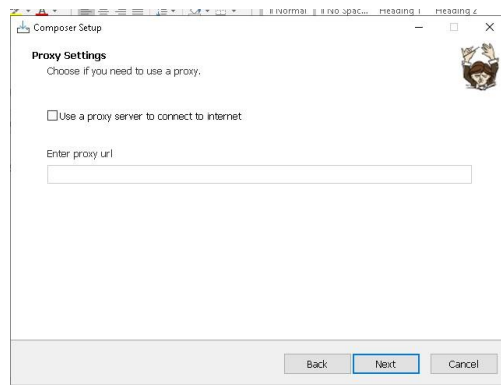
4. Klik **Next**



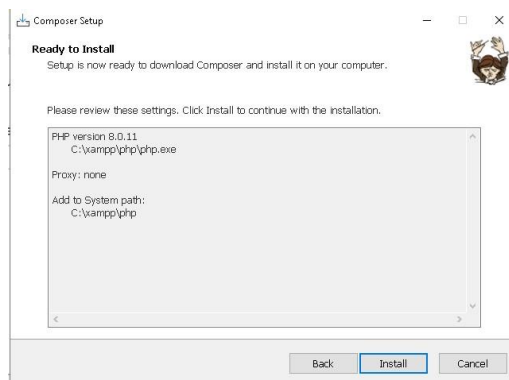
5. Klik **Next**



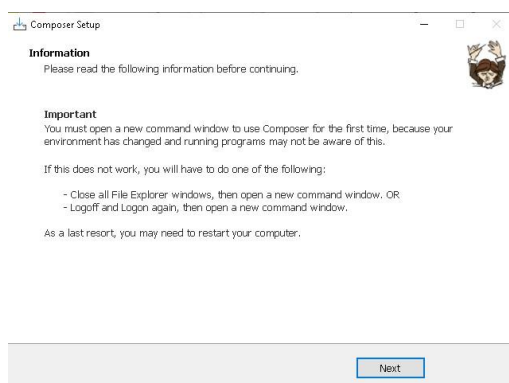
6. Klik **Next**



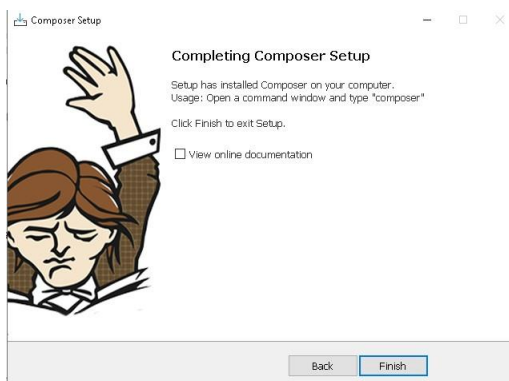
7.Klik **Next**



8.Klik **Next**



9.Klik **Finish**



10.Kemudian,cek instalasi dengan Tekan Win+R lalu ketik cmd dan klik Ok.

Akan muncul seperti gambar dibawah ini

```

C:\Users\A06562022>
C:\Users\A06562022>composer

Composer

Composer version 2.4.1 2022-08-20 11:04:50

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display help for the given command. When no command is given display help for the list command
  -q, --quiet               Do not output any message
  -V, --version             Display this application version
  --ansi|--no-ansi         Force (or disable --no-ansi) ANSI output
  -n, --no-interaction      Do not ask any interactive question
  --profile                Display timing and memory usage information
  --no-plugins             Whether to disable plugins.
  -d, --working-dir=WORKING-DIR If specified, use the given directory as working directory.
  --no-cache               Prevent use of the cache
  --verbose, --verbose     Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:
  about          Shows a short information about Composer
  archive        Creates an archive of this composer package
  audit          Checks for security vulnerability advisories for installed packages
  browse         [name] Opens the package's repository URL or homepage in your browser
  bump           Increases the lower limit of your composer.json requirements to the currently installed versions
  check-platform-reqs Check that platform requirements are satisfied
  clear-cache    [clearcache] Clears composer's internal package cache
  completion     Dump the shell completion script
  config         Sets config options
  create-project Creates new project from a package into given directory.
  depends        [why] Shows which packages cause the given package to be installed
  diagnose       Diagnoses the system to identify common errors
  dump-autoload  [dumpautoload] Dumps the autoload

```

11.Selesai

Acara 2

1. Masuk Command Prompt Buat folder baru dengan nama Projek di Drive D, lalu buka folder tersebut. Tekan Shift + Klik Kanan untuk menampilkan menu command prompt. Klik Open command window here.

```
C:\Users\DESK2022>D:  
D:\>cd D:/project
```

2. Mulai Proses Install Laravel

```
D:\project>composer create-project --prefer-dist laravel/laravel project-01 "6.*"
```

```
- Installing sebastian/environment (5.1.5): Extracting archive  
- Installing sebastian/diff (4.0.4): Extracting archive  
- Installing sebastian/comparator (4.0.8): Extracting archive  
- Installing sebastian/code-unit (1.0.8): Extracting archive  
- Installing sebastian/cli-parser (1.0.1): Extracting archive  
- Installing phpunit/php-timer (5.0.3): Extracting archive  
- Installing phpunit/php-text-template (2.0.4): Extracting archive  
- Installing phpunit/php-invoker (3.1.1): Extracting archive  
- Installing phpunit/php-file-iterator (3.0.6): Extracting archive  
- Installing theseer/tokenizer (1.2.1): Extracting archive  
- Installing sebastian/lines-of-code (1.0.3): Extracting archive  
- Installing sebastian/complexity (2.0.2): Extracting archive  
- Installing sebastian/code-unit-reverse-lookup (2.0.3): Extracting archive  
- Installing phpunit/php-code-coverage (9.2.24): Extracting archive  
- Installing phar-io/version (3.2.1): Extracting archive  
- Installing phar-io/manifest (2.0.3): Extracting archive  
- Installing myclabs/deep-copy (1.11.0): Extracting archive  
- Installing doctrine/instantiator (1.5.0): Extracting archive  
- Installing phpunit/phpunit (9.6.3): Extracting archive  
All package suggestions were added by new dependencies, use 'composer suggest' to see details.  
Package swiftmailer/swiftmailer is abandoned, you should avoid using it. Use symfony/mailer instead.  
Package symfony/debug is abandoned, you should avoid using it. Use symfony/error-handler instead.  
Generating optimized autoload files  
> illuminate\Foundation\ComposerScripts::postAutoloadDump  
> @php artisan package:discover --ansi  
Discovered Package: facade/ignition  
Discovered Package: fideloper/proxy  
Discovered Package: laravel/tinker  
Discovered Package: nesbot/carbon  
Discovered Package: nunomaduro/collision  
Package manifest generated successfully.  
68 packages you are using are looking for funding.  
Use the 'composer fund' command to find out more!  
No security vulnerability advisories found  
> @php artisan key:generate --ansi  
Application key set successfully.
```

3. Cek Instalasi Laravel di Web Browser

Local Disk (D:) > project > project-01				
	Name	Date modified	Type	Size
	app	2/20/2023 10:01 AM	File folder	
	bootstrap	2/20/2023 10:01 AM	File folder	
	config	2/20/2023 10:01 AM	File folder	
	database	2/20/2023 10:01 AM	File folder	
	public	2/20/2023 10:01 AM	File folder	
	resources	2/20/2023 10:01 AM	File folder	
	routes	2/20/2023 10:01 AM	File folder	
	storage	2/20/2023 10:01 AM	File folder	
	tests	2/20/2023 10:01 AM	File folder	
	vendor	2/20/2023 10:03 AM	File folder	
	.editorconfig	5/11/2021 1:47 PM	Editor Config Sour...	1 KB
	.env	2/20/2023 10:03 AM	ENV File	1 KB
	.env.example	5/11/2021 1:47 PM	EXAMPLE File	1 KB
	.gitattributes	5/11/2021 1:47 PM	Text Document	1 KB
	.gitignore	5/11/2021 1:47 PM	Text Document	1 KB
	.styleci	5/11/2021 1:47 PM	Yaml Source File	1 KB
	artisan	5/11/2021 1:47 PM	File	2 KB
	composer	5/11/2021 1:47 PM	JSON Source File	2 KB
	composer.lock	2/20/2023 10:01 AM	LOCK File	226 KB
	package	5/11/2021 1:47 PM	JSON Source File	1 KB
	phpunit	5/11/2021 1:47 PM	XML Document	2 KB
	README	5/11/2021 1:47 PM	Markdown Source...	5 KB
	server	5/11/2021 1:47 PM	PHP Source File	1 KB
	webpack.mix	5/11/2021 1:47 PM	JavaScript File	1 KB

Untuk memastikan bahwa Laravel sukses terinstall dan siap untuk digunakan, arahkan Command Prompt atau Terminal menuju direktori yang telah Anda buat sebelumnya. Lalu, masukkan perintah berikut ke dalam Command Prompt atau Terminal: `php artisan serve`

```
D:\project>cd project-01
```

```
D:\project\project-01>php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Mon Feb 20 10:06:17 2023] PHP 8.0.11 Development Server (http://127.0.0.1:8000) started
[Mon Feb 20 10:07:15 2023] 127.0.0.1:60751 Accepted
[Mon Feb 20 10:07:15 2023] 127.0.0.1:60752 Accepted
[Mon Feb 20 10:07:15 2023] 127.0.0.1:60751 Closing
```

Cek laravel di crome dengan link <http://127.0.0.1:8000>



Laravel

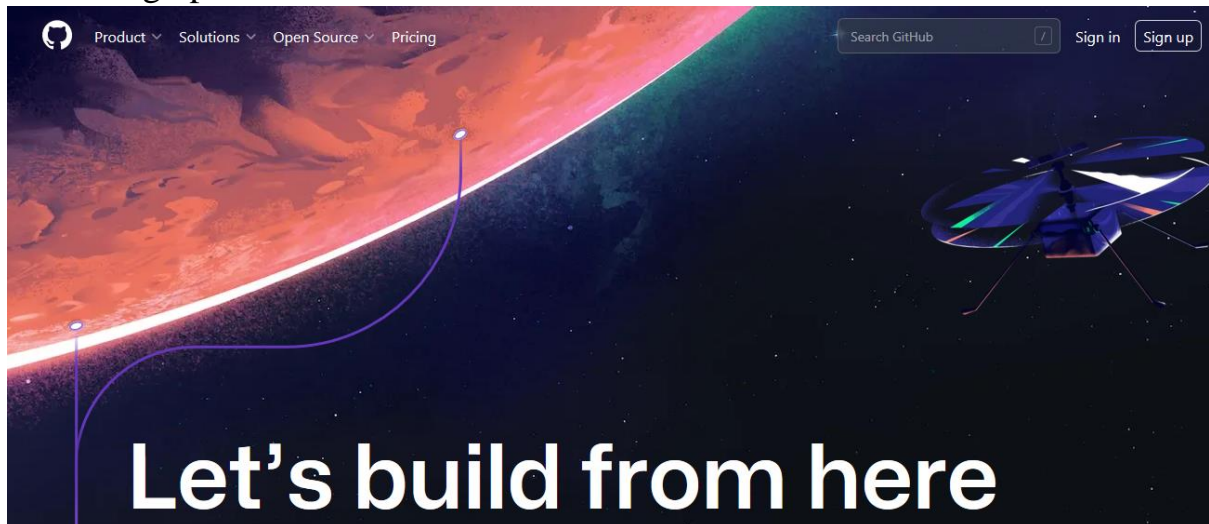
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VAPOR GITHUB

Acara 3

Langkah-langkah membuat akun di git

1. Mauk ke link <https://github.com/>

2. Klik sig up



3. Mengisi data diri seperti email,username dan password

4. Kemudian, jika telah mengisi data klik sign in



Sign in to GitHub

Username or email address

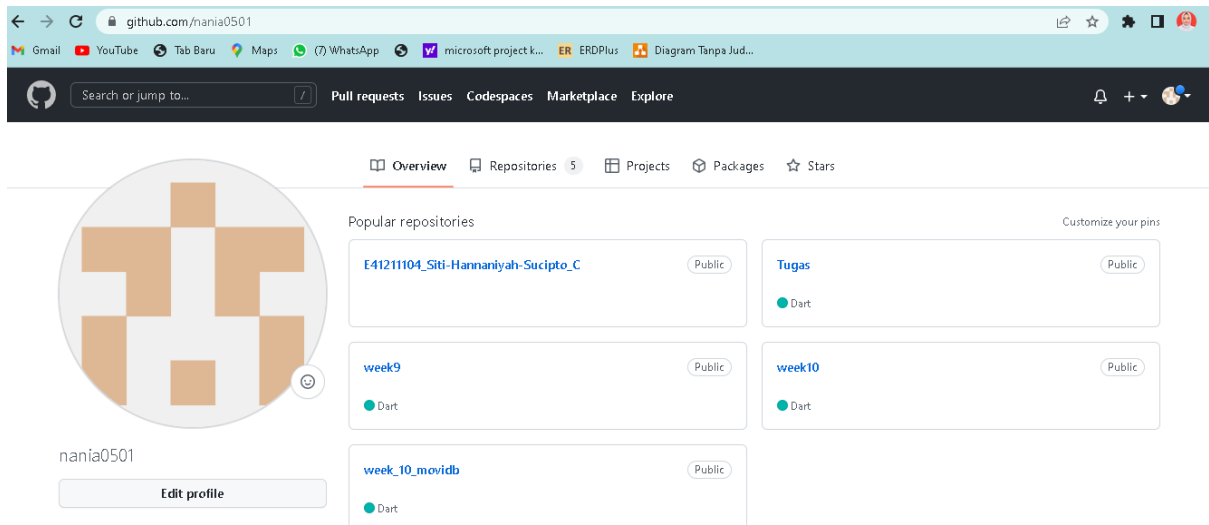
Password

[Forgot password?](#)

Sign in

New to GitHub? [Create an account.](#)

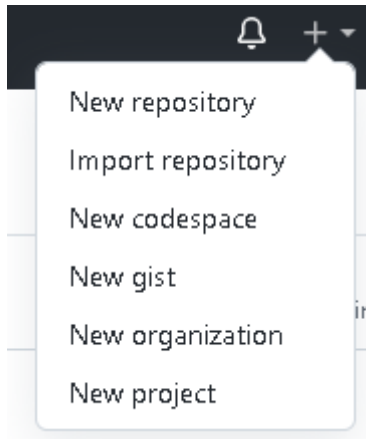
5. Jika berhasil masuk akan muncul seperti berikut ini



Acara 4

Langkah - langkah membuat repository:

1.Login ke github.com dan buatlah sebuah repository baru dengan mengeklik tombol yang terletak pada kanan atas atau pada sidebar karena pertama kita membuat repository



2.Buat repository baru

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Owner * / Repository name *

Great repository names are short and memorable. Need inspiration? How about [cautious-sniffle](#)?

Description (optional)

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with
Skip this step if you're importing an existing repository.

☐ Add a README file
This is where you can write a long description for your project. [Learn more](#).

Add .gitignore
Choose which files not to track from a list of templates. [Learn more](#).

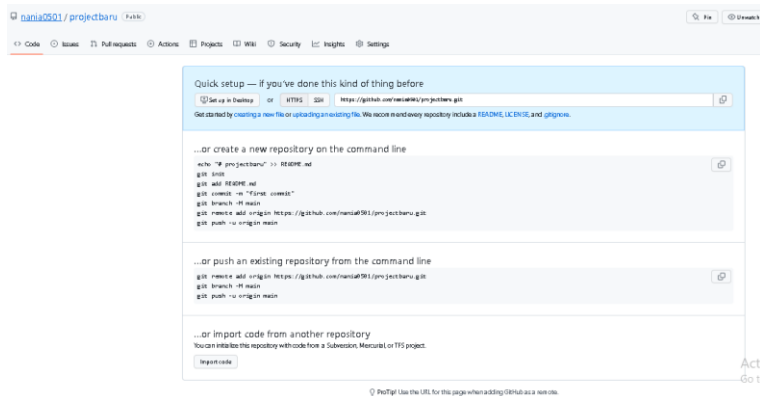
Choose a license
A license tells others what they can and can't do with your code. [Learn more](#).

ⓘ You are creating a public repository in your personal account.

[Create repository](#)

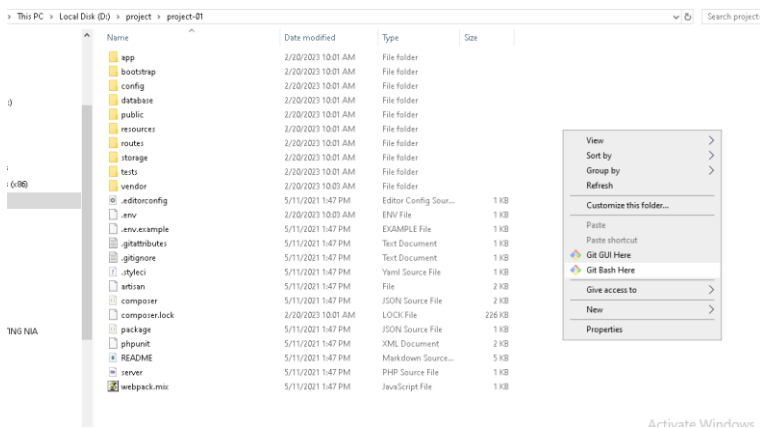
3. Sekarang kita bisa mengakses remote repository dengan url

<https://github.com/nania0501/projectbaru.git>



4. Arahkan pada direktori tempat project akan diupload ke repository di Github.

5. Untuk pengguna Windows klik kanan folder project dan pilih Git Bash.



6. Jika baru pertama kali menggunakan software Git, sebaiknya konfigurasi username dan email dulu :

```
DESK2022@DESKTOP-ECV0WOF MINGW64 /d/project/project-01
$ git config --global user.name "nania0501"

DESK2022@DESKTOP-ECV0WOF MINGW64 /d/project/project-01
$ git config --global user.email "nania05@gmail.com"
```

7. Setelah melakukan konfigurasi username dan email, kemudian lakukan inisiasi dengan menulis perintah berikut

```
DESK2022@DESKTOP-ECV0WOF MINGW64 /d/project/project-01
$ git init
Initialized empty Git repository in D:/project/project-01/.git/
```

8. Kemudian tambahkan semua file yang ada dalam folder project kita, ketikan git add *

```
DESK2022@DESKTOP-ECV0VOF MINGW64 /d/project/project-01 (master)
$ git add *
The following paths are ignored by one of your .gitignore files:
vendor
hint: Use -f if you really want to add them.
hint: Turn this message off by running
hint: "git config advice.addIgnoredFile false"
```

9. Kemudian commit projectnya, sebagai contoh disini commit message “First Upload” git commit -m “First Upload”

```
DESK2022@DESKTOP-ECV0VOF MINGW64 /d/project/project-01 (master)
$ git commit -m "First Upload"
[master (root-commit) 4e07457] First Upload
82 files changed, 9574 insertions(+)
```

10. Setelah kita buat commit untuk projectnya, remote repository yang telah dibuat tadi git remote add origin <https://github.com/nania0501/projectbaru.git>

```
DESK2022@DESKTOP-ECV0VOF MINGW64 /d/project/project-01 (master)
$ git remote add origin https://github.com/nania0501/projectbaru.git
```

11. Buatlah cabang repository master git branch -M master

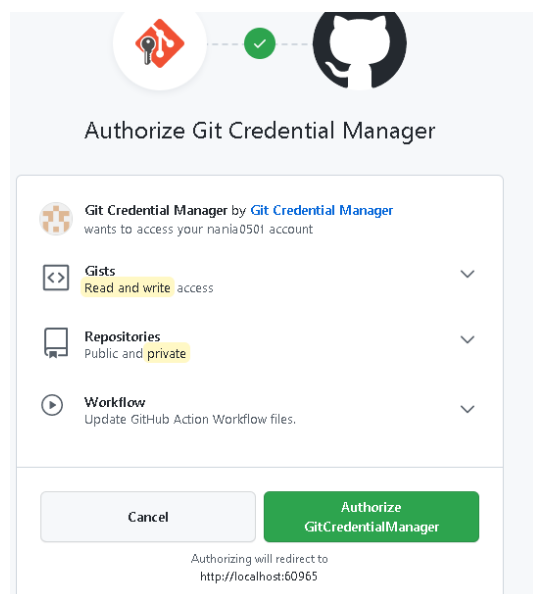
```
DESK2022@DESKTOP-ECV0VOF MINGW64 /d/project/project-01 (master)
$ git branch -M master
```

12. Setelah meremote repository, kemudian kita pull projectnya dengan perintah git pull origin master

13. Kirim project ke repository kita. git push origin master

```
DESK2022@DESKTOP-ECV0VOF MINGW64 /d/project/project-01 (master)
$ git push origin master
```

14. Terakhir, kita akan diminta username dan password kita. Untuk password mungkin kita tidak akan melihat password yang kita ketikan





Confirm access

Password

[Forgot password?](#)

Confirm

Tip: You are entering **sudo mode**. After you've performed a sudo-protected action, you'll only be asked to re-authenticate again after a few hours of inactivity.

[Terms](#) [Privacy](#) [Security](#) [Contact GitHub](#)

15. Jika proses upload selesai, cek pada Github lalu refresh repository, maka file kita sudah terupload disana

