

# **LAPORAN PRAKTIKUM**

**USER 1**



**Oleh:**

**Pawestri Wahyuning Gusti**

**243307083**

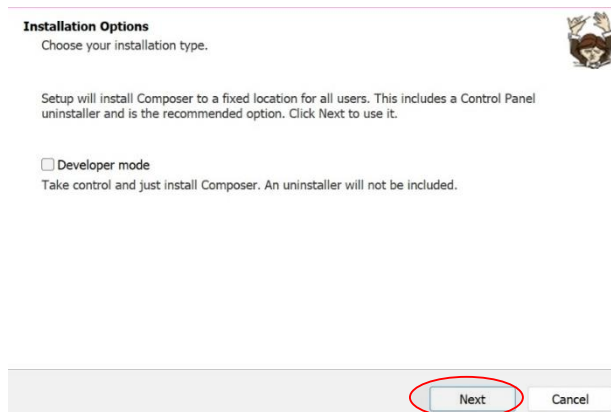
**PROGRAM STUDI TEKNOLOGI INFORMASI  
JURUSAN TEKNIK  
POLITEKNIK NEGERI MADIUN  
2024**

Sebagai anggota 1 bertanggung jawab untuk :

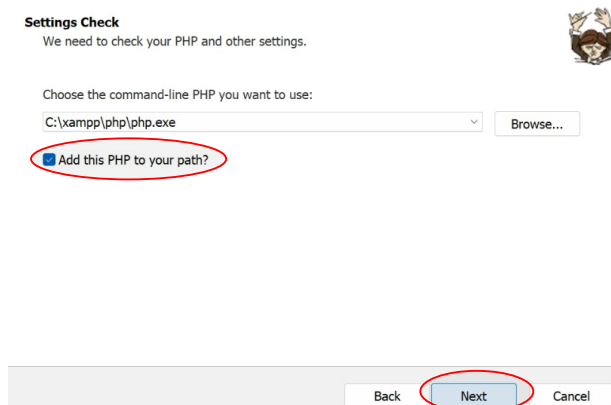
1. Install composer
2. Composer create-project --prefer-dist yiisoft/yii2-app-basic basic
3. “yiisoft/yii2-gii” : “~2.1.0”

## 1. Install Composer

- **Klik Next pada Installation Options**



- **Pastikan File php sudah masuk di path, kemudian klik Next**



- Centang bagian proxy jika diperlukan, jika tidak langsung klik Next

**Proxy Settings**  
Choose if you need to use a proxy.

☐ Use a proxy server to connect to internet

Enter proxy url



Back Next Cancel

- Kemudian klik Install

**Ready to Install**  
Setup is now ready to download Composer and install it on your computer.

Please review these settings. Click Install to continue with the installation.

PHP version 8.0.30  
C:\xampp\php\php.exe

Proxy: none

Add to System path:  
C:\xampp\php

Back Install Cancel



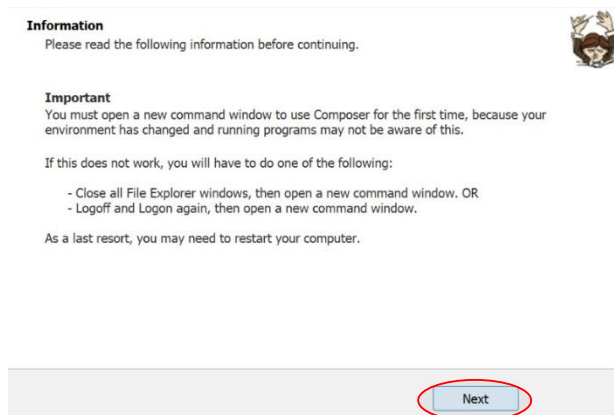
- Tunggu hingga proses install selesai

**Downloading Composer**  
Please wait

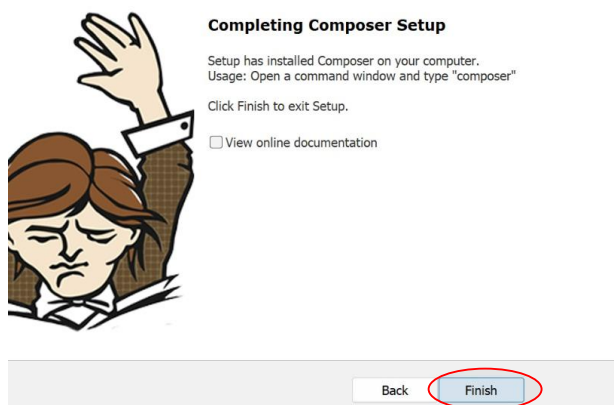
Running the Composer installer script...



- **Pahami informasi panduannya, lalu klik Next**



- **Proses Instalasi selesai, lalu klik Finish**



- **Kemudian cek apakah composer sudah terpasang dengan sempurna dengan mengetikkan “composer” pada terminal, jika tampilannya seperti dibawah ini berarti composer sudah terpasang di laptop.**

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\pawes> composer

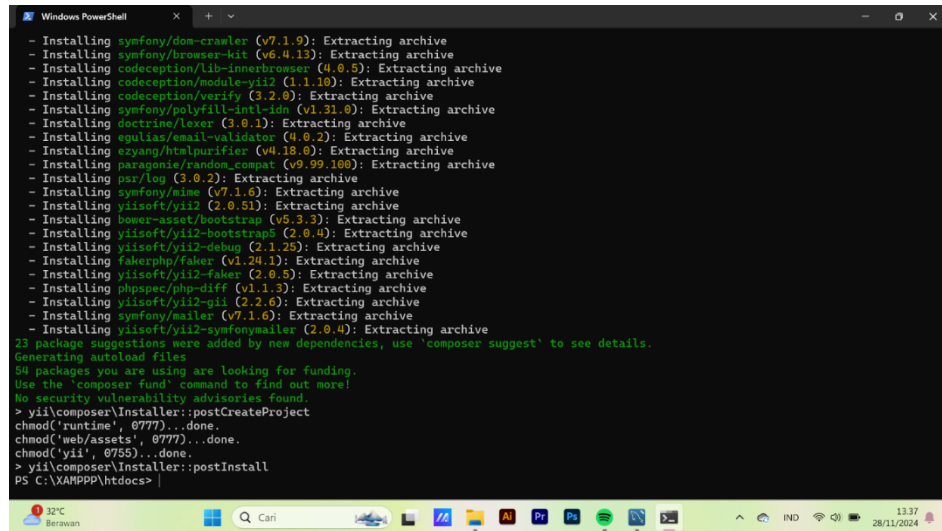
Composer version 2.8.3 2024-11-17 13:13:04

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) ANSI output
  -n, --no-interaction      Do not ask any interactive question
  --profile                Display timing and memory usage information
  --no-plugins              Whether to disable plugins.
  --no-scripts              Skips the execution of all scripts defined in composer.json file.
  -d, --working-dir=WORKING-DIR If specified, use the given directory as working directory.
  --no-cache                Prevent use of the cache
  -vv|vv|vvv, --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
```

## 2. Composer create-project --prefer-dist yiisoft/yii2-app-basic basic

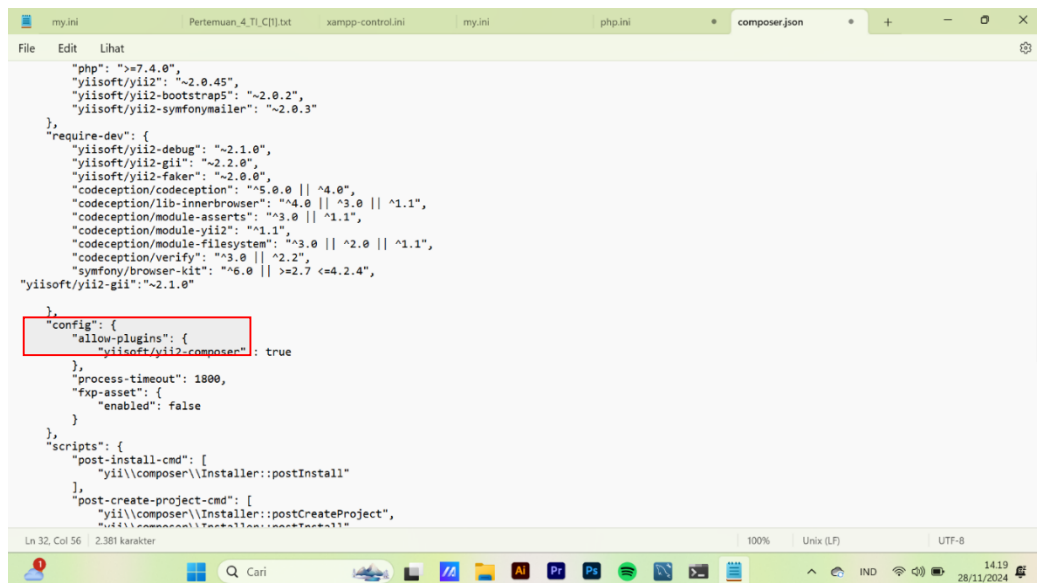


```
Windows PowerShell
- Installing symfony/dom-crawler (v7.1.9): Extracting archive
- Installing symfony/browser-kit (v6.4.12): Extracting archive
- Installing codeception/lib-innerbrowser (4.0.5): Extracting archive
- Installing codeception/module-yii2 (1.1.10): Extracting archive
- Installing codeception/verify (3.2.0): Extracting archive
- Installing symfony/polyfill-intl-idn (v1.31.0): Extracting archive
- Installing doctrine/lexer (3.0.1): Extracting archive
- Installing egulias/email-validator (4.0.2): Extracting archive
- Installing symfony/htmlpurifier (v4.13.0): Extracting archive
- Installing paragonie/random-compat (v9.99.100): Extracting archive
- Installing psr/log (3.0.2): Extracting archive
- Installing symfony/mime (v7.1.6): Extracting archive
- Installing yiisoft/yii2 (2.0.51): Extracting archive
- Installing bower-asset/bootstrap (v5.3.3): Extracting archive
- Installing yiisoft/yii2-bootstrap (2.0.4): Extracting archive
- Installing yiisoft/yii2-debug (2.1.25): Extracting archive
- Installing fakerphp/faker (v1.24.1): Extracting archive
- Installing yiisoft/yii2-faker (2.0.5): Extracting archive
- Installing phpspec/php-diff (v1.1.3): Extracting archive
- Installing yiisoft/yii2-gii (2.2.6): Extracting archive
- Installing symfony/mailer (v7.1.6): Extracting archive
- Installing yiisoft/yii2-symfonymailer (2.0.4): Extracting archive
20 package suggestions were added by new dependencies, use 'composer suggest' to see details.
Generating autoload files
34 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.
> yii\composer\Installer::postCreateProject
chmod('runtime', 0777)...done.
chmod('web/assets', 0777)...done.
chmod('yii', 0755)...done.
> yii\composer\Installer::postInstall
PS C:\XAMPP\htdocs>
```

## 3. “yiisoft/yii2-gii” : “~2.1.0”

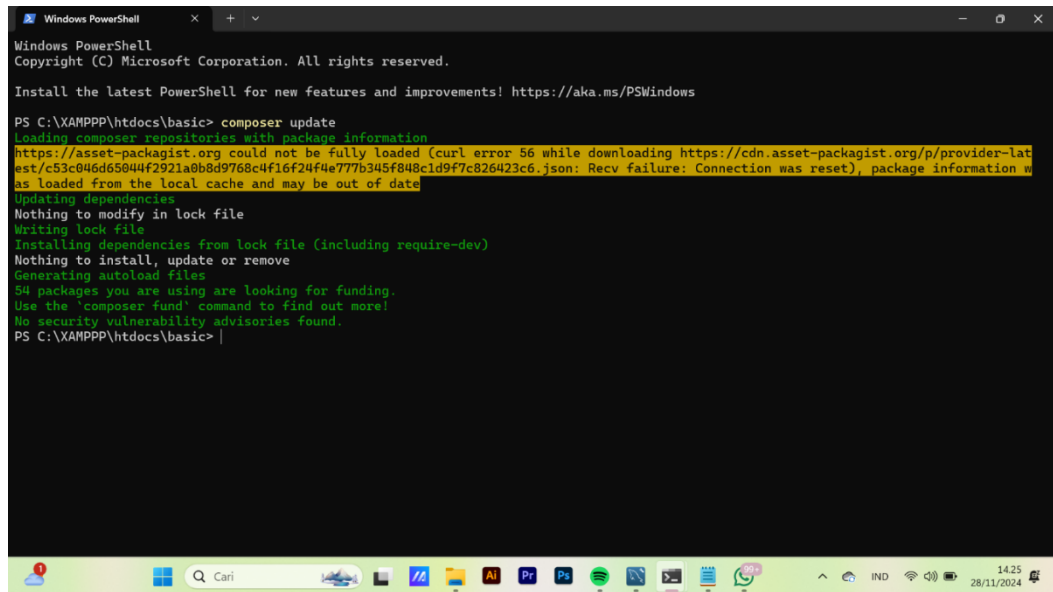
Buka file composer.json menggunakan notepad, lalu ketikkan

“yiisoft/yii2-gii” : “~2.1.0”



```
my.ini      Pertemuan_4_TI_C[1].txt  xampp-control.ini  my.ini      php.ini      composer.json
File Edit Lihat
{
    "php": ">=7.4.0",
    "yiisoft/yii2": "~2.0.45",
    "yiisoft/yii2-bootstrap": "~2.0.2",
    "yiisoft/yii2-symfonymailer": "~2.0.3"
},
"require-dev": {
    "yiisoft/yii2-debug": "~2.1.0",
    "yiisoft/yii2-gii": "~2.2.0",
    "yiisoft/yii2-faker": "~2.0.0",
    "codeception/codeception": "^5.0.0 || ^4.0",
    "codeception/lib-innerbrowser": "^4.0 || ^3.0 || ^1.1",
    "codeception/module-asserts": "^3.0 || ^1.1",
    "codeception/module-yii2": "^1.1",
    "codeception/module-filesystem": "^3.0 || ^2.0 || ^1.1",
    "codeception/verify": "^3.0 || ^2.2",
    "symfony/browser-kit": "^6.0 || >=2.7 <=4.2.4",
    "yiisoft/yii2-gii": "~2.1.0"
},
"config": {
    "allow-plugins": {
        "yiisoft/yii2-composer": true
    },
    "process-timeout": 1800,
    "fxp-asset": {
        "enabled": false
    }
},
"scripts": {
    "post-install-cmd": [
        "yii\\composer\\Installer::postInstall"
    ],
    "post-create-project-cmd": [
        "yii\\composer\\Installer::postCreateProject",
        "yii\\composer\\Installer::postInstall"
    ]
}
```

- **Ketikkan ”composer update” pada terminal**

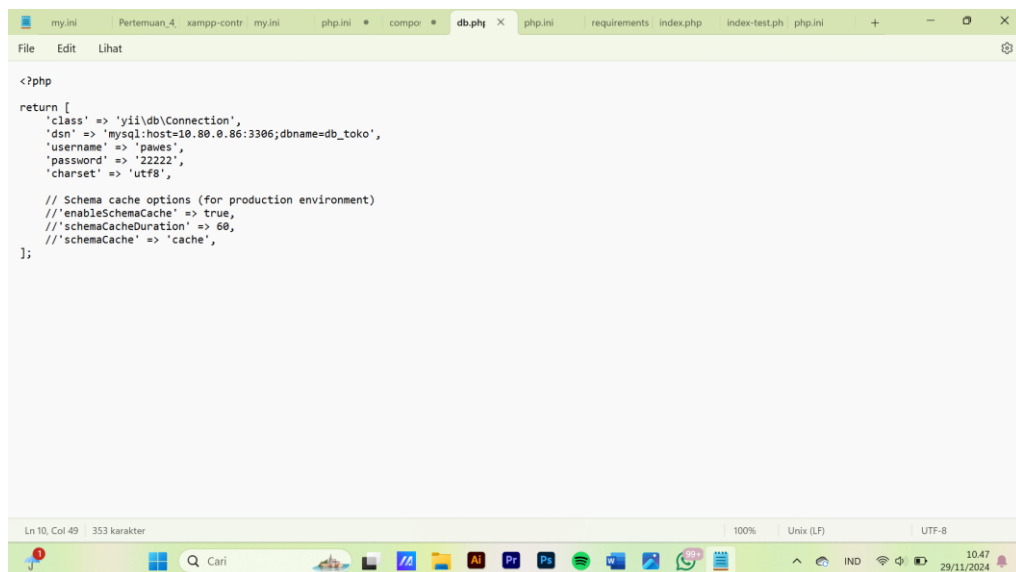


```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\XAMPP\htdocs\basic> composer update
Loading composer repositories with package information
https://asset-packagist.org could not be fully loaded (curl error 56 while downloading https://cdn.asset-packagist.org/p/provider-latest/c53c046d65044f2921a0b8d9768c4f16f24f4e777b345f848c1d9f7c826423c6.json: Recv failure: Connection was reset), package information was loaded from the local cache and may be out of date
Updating dependencies
Nothing to modify in lock file
Writing lock file
Installing dependencies from lock file (including require-dev)
Nothing to install, update or remove
Generating autoload files
54 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.
PS C:\XAMPP\htdocs\basic> |
```

- **Masuk pada ‘db.php’ lalu masuk pada database yang telah dibuatkan oleh anggota 2**



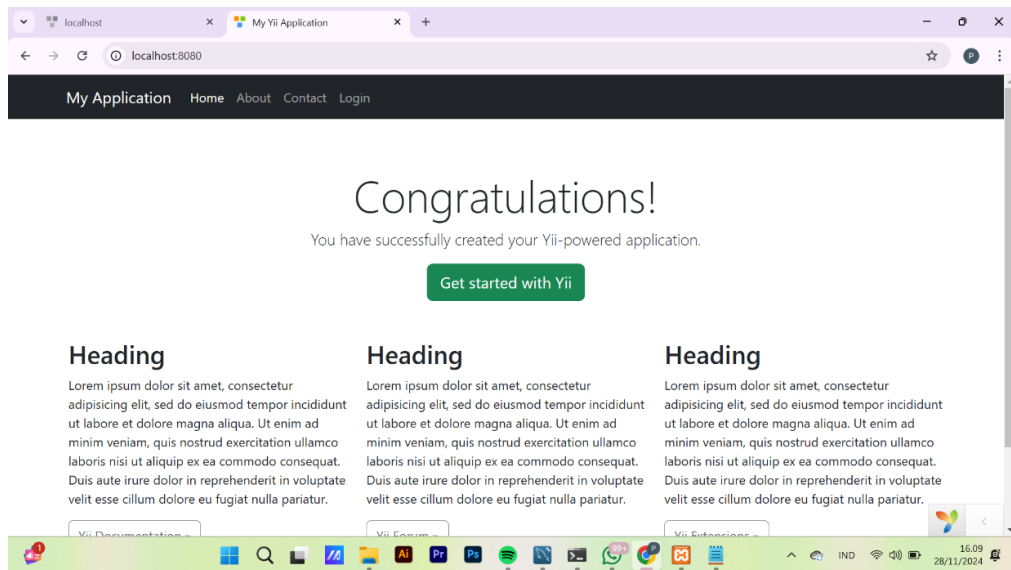
```
<?php
return [
    'class' => 'yii\db\Connection',
    'dsn' => 'mysql:host=10.00.0.06:3306;dbname=db_tokor',
    'username' => 'pawes',
    'password' => '22222',
    'charset' => 'utf8',

    // Schema cache options (for production environment)
    //'enableSchemaCache' => true,
    //'schemaCacheDuration' => 60,
    //'schemaCache' => 'cache',
];
```

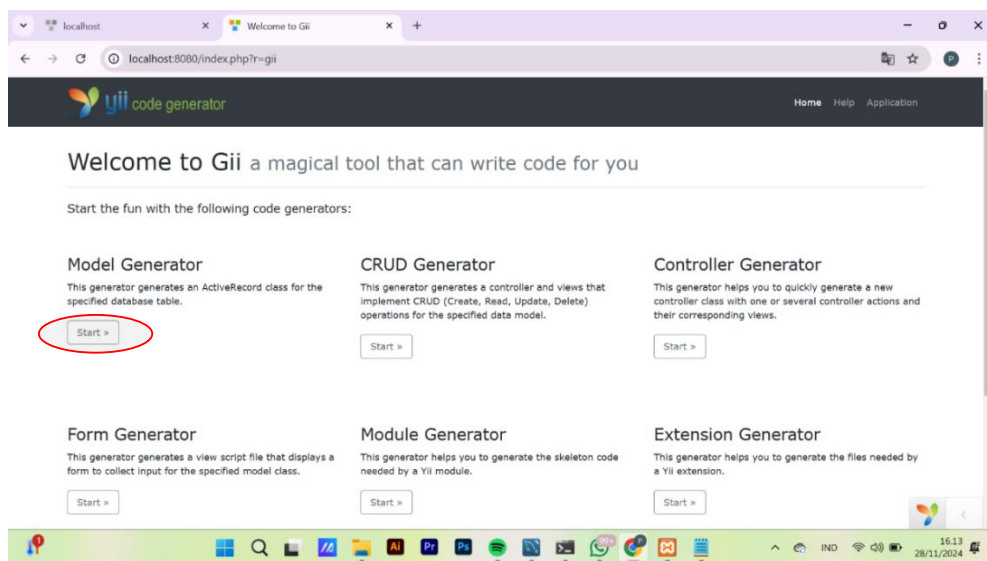
- Ketikkan “php yii serve” lalu copy “http://localhost:8080/ “

```
PS C:\xampp\htdocs\basic> php yii serve
Server started on http://localhost:8080/
Document root is "C:\xampp\htdocs\basic\web"
Quit the server with CTRL-C or COMMAND-C.
[Thu Nov 28 15:41:51 2024] PHP 8.4.1 Development Server (http://localhost:8080) started
```

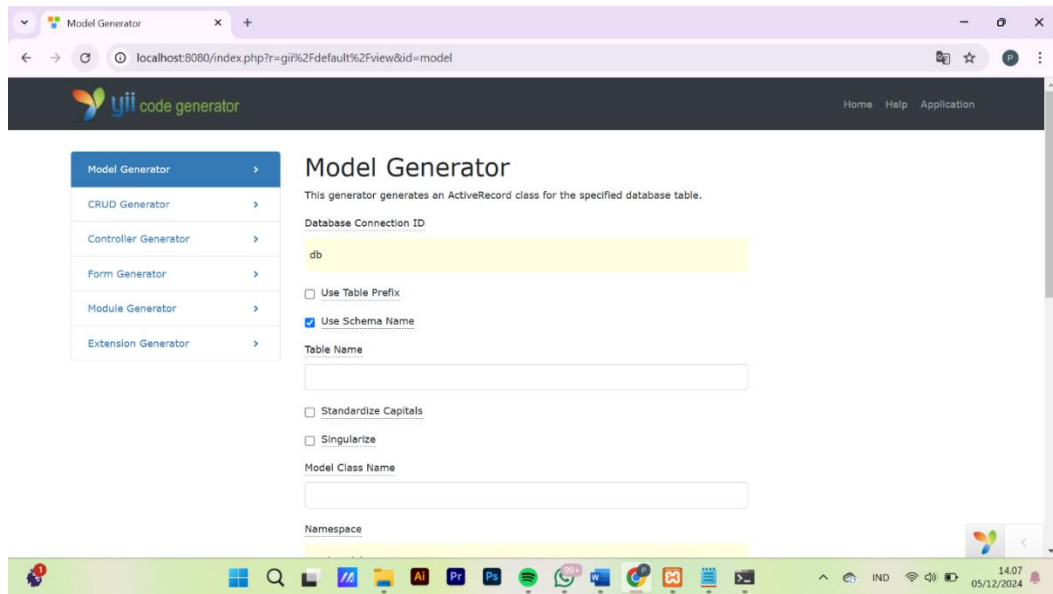
- Masuk pada Chrome lalu paste <http://localhost:8080/>



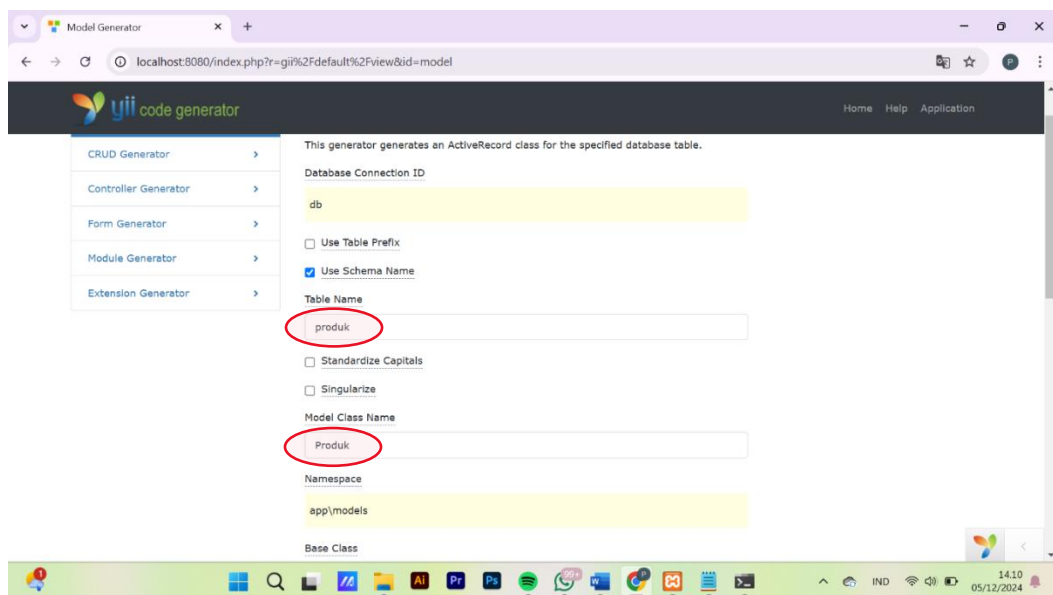
- Ketikkan <http://localhost:8080/index.php?r=gii> lalu klik ‘Start’ pada ‘Model Generator’



- Tampilan setelah masuk pada “Model Generator”

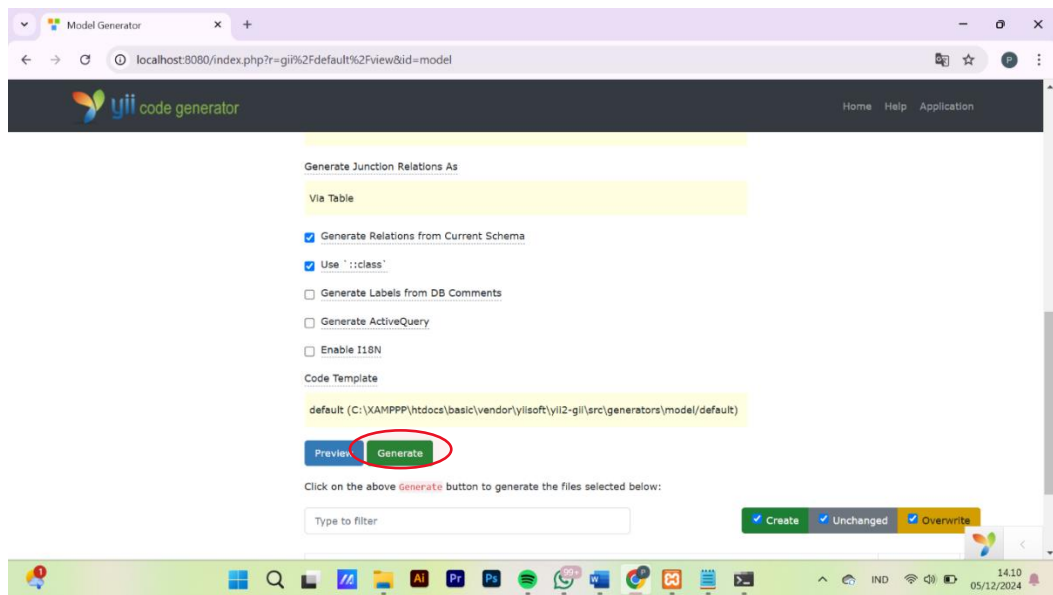


- Pilih tabel pada database
- Tabel “produk”

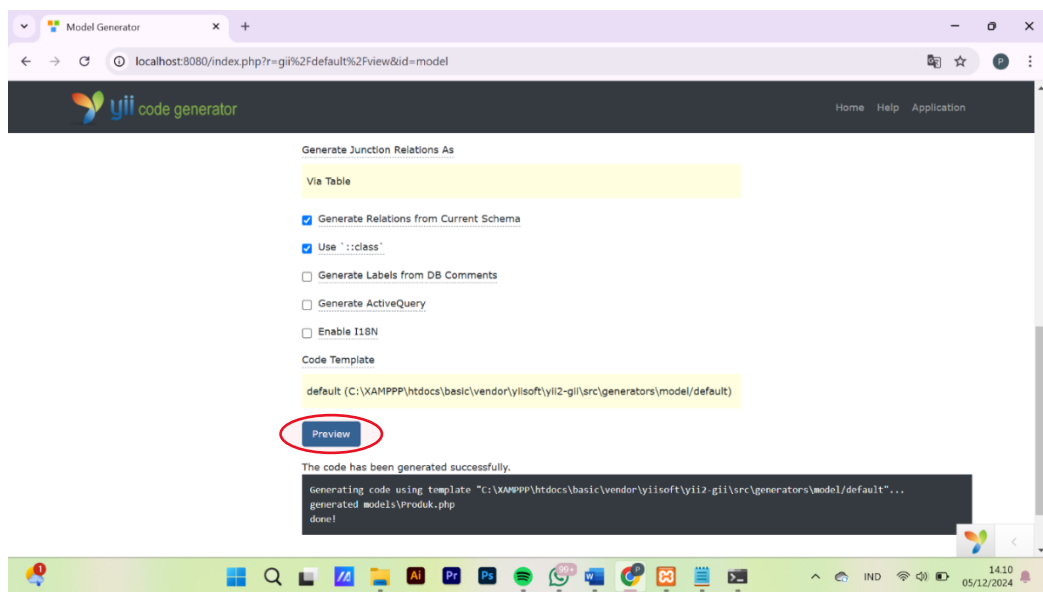




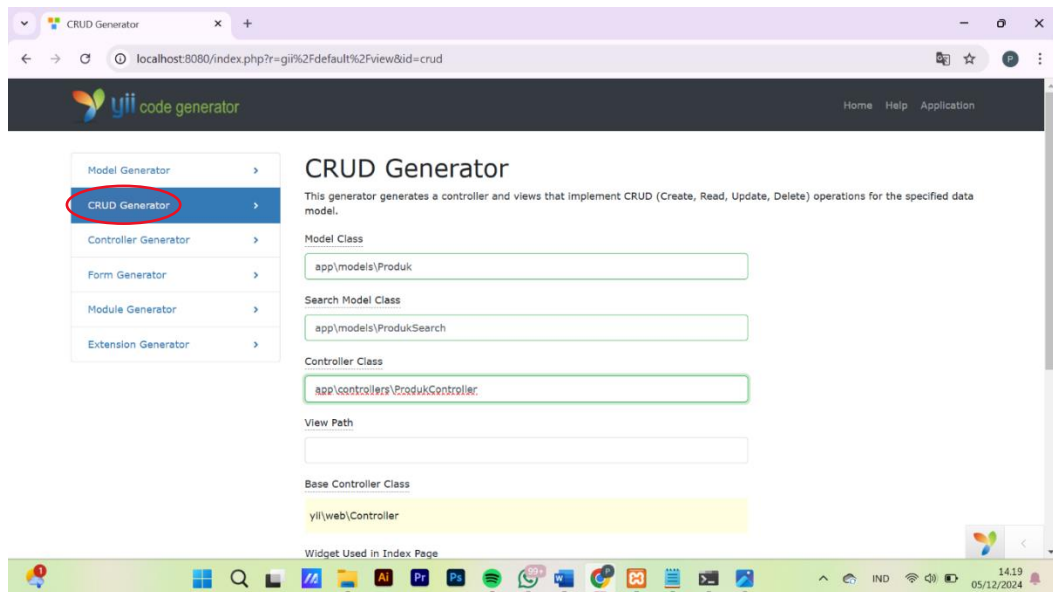
- **Klik “Generate”**



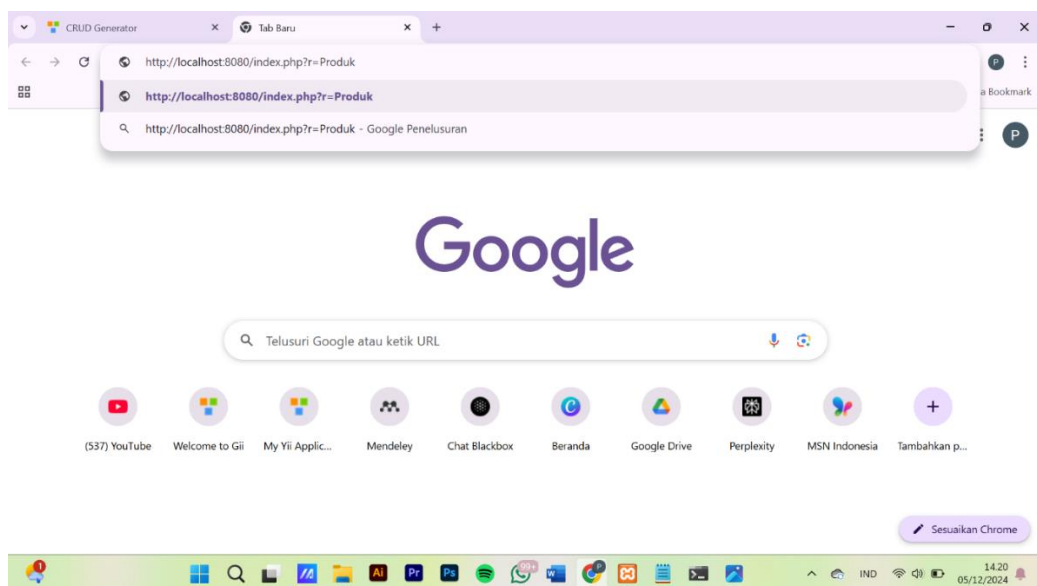
- **Klik “Preview”**



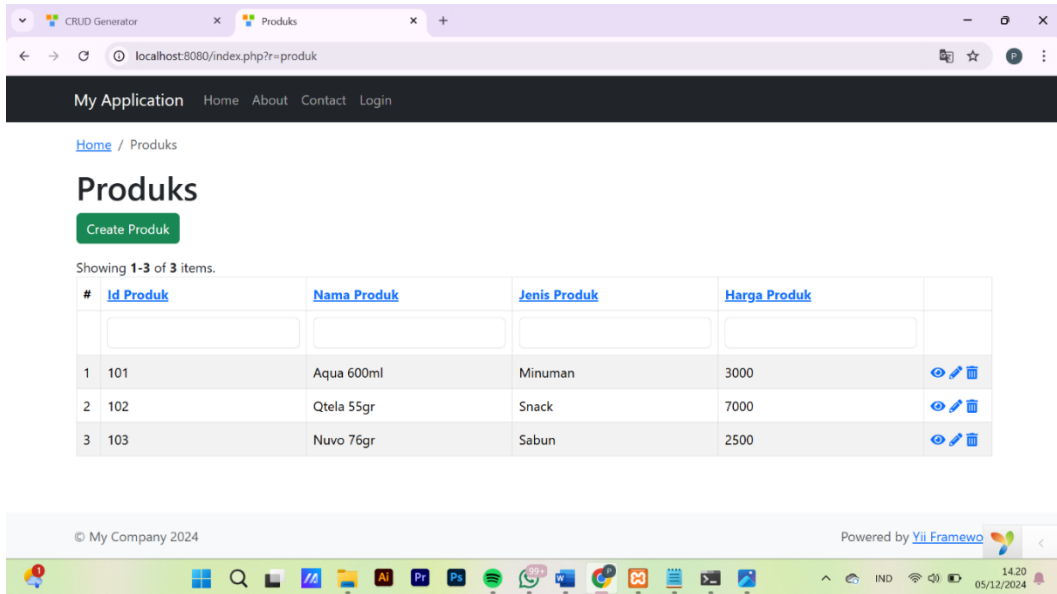
- Klik “CRUD Generator” lalu isi “Model Class” “Search Model Class” “Controller Class” seperti pada contoh



- Buka chrome lalu masuk pada <http://localhost:8080/index.php?r=Produk>



- Lalu akan muncul tampilan Tabel “Produk” yang telah dibuat oleh anggota 2

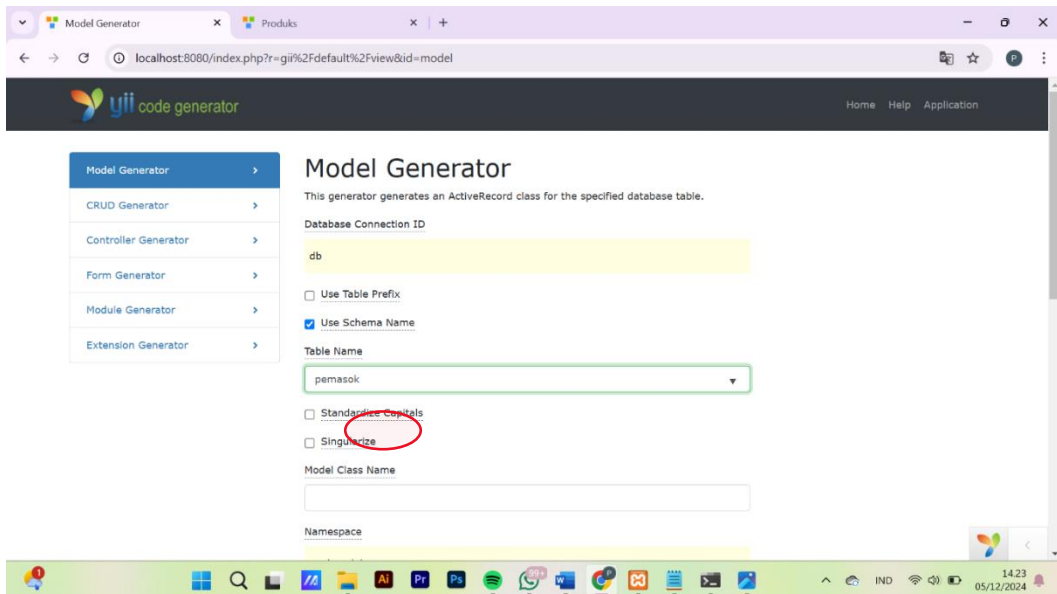


The screenshot shows a web application interface for managing products. At the top, there's a navigation bar with links for Home, About, Contact, and Login. Below this, the page title is "Produk" with a "Create Produk" button. A message indicates "Showing 1-3 of 3 items." Below this is a table with the following data:

#	Id Produk	Nama Produk	Jenis Produk	Harga Produk	
1	101	Aqua 600ml	Minuman	3000	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
2	102	Qtela 55gr	Snack	7000	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
3	103	Nuvo 76gr	Sabun	2500	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

The footer of the application shows "© My Company 2024" and "Powered by Yii Framework".

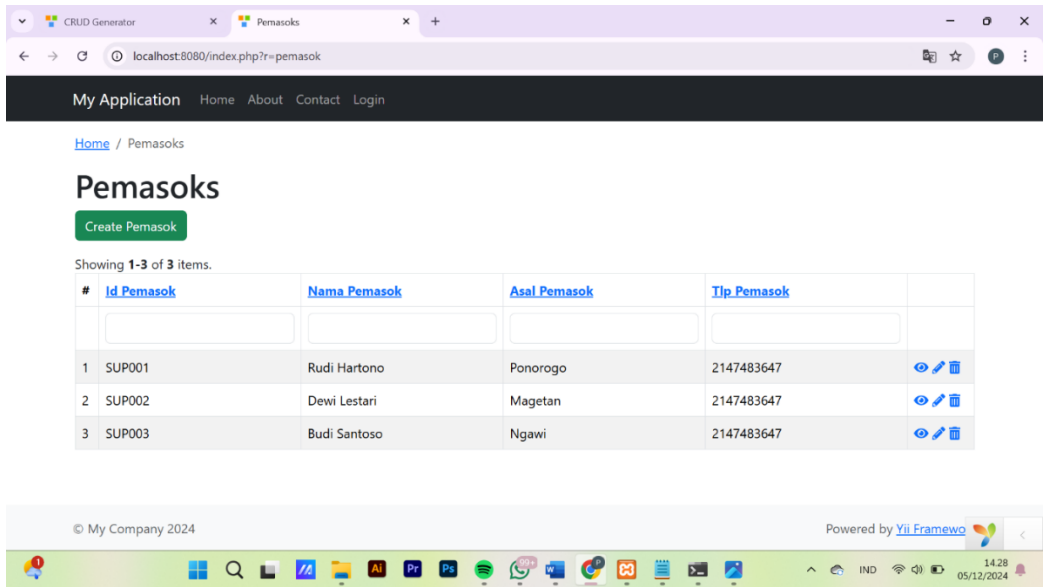
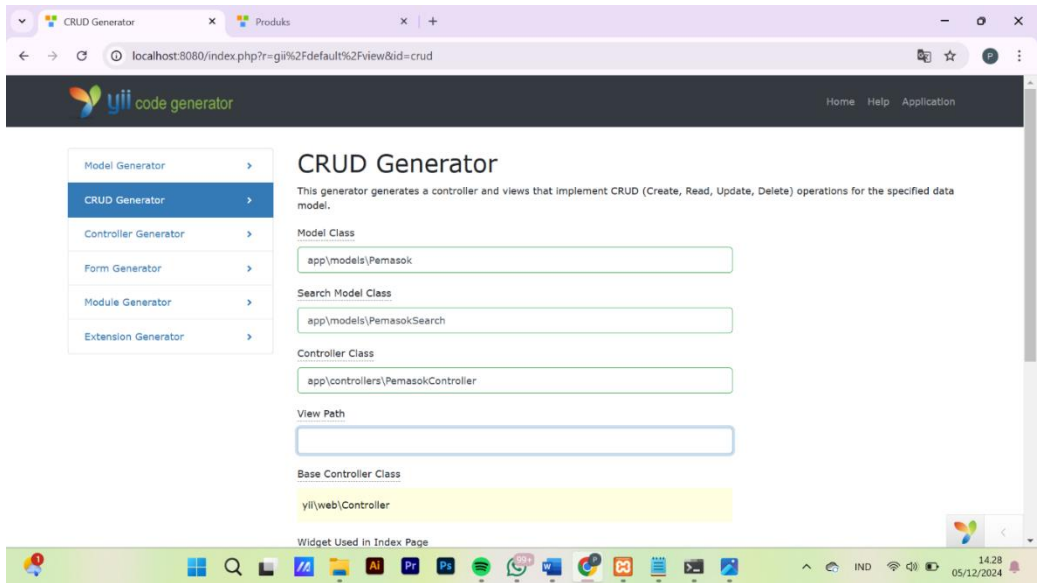
- Tabel Pemasok



The screenshot shows the "Model Generator" interface in the Yii Framework. The left sidebar contains links for Model Generator, CRUD Generator, Controller Generator, Form Generator, Module Generator, and Extension Generator. The main area is titled "Model Generator" and contains the following configuration options:

- Database Connection ID:** db
- ☐ Use Table Prefix
- ☒ Use Schema Name
- Table Name:** pemasok
- ☐ Standardize Capitals
- ☐ Singularize
- Model Class Name:** (empty field)
- Namespace:** (empty field)

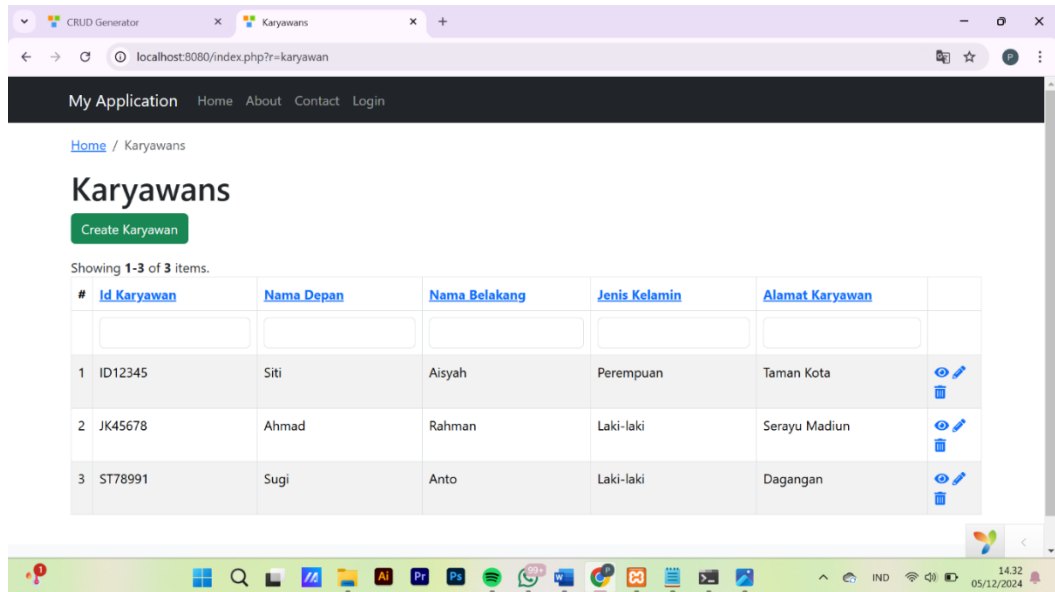
The "Singularize" option is circled in red. The bottom of the interface shows the Yii logo and "code generator" text.



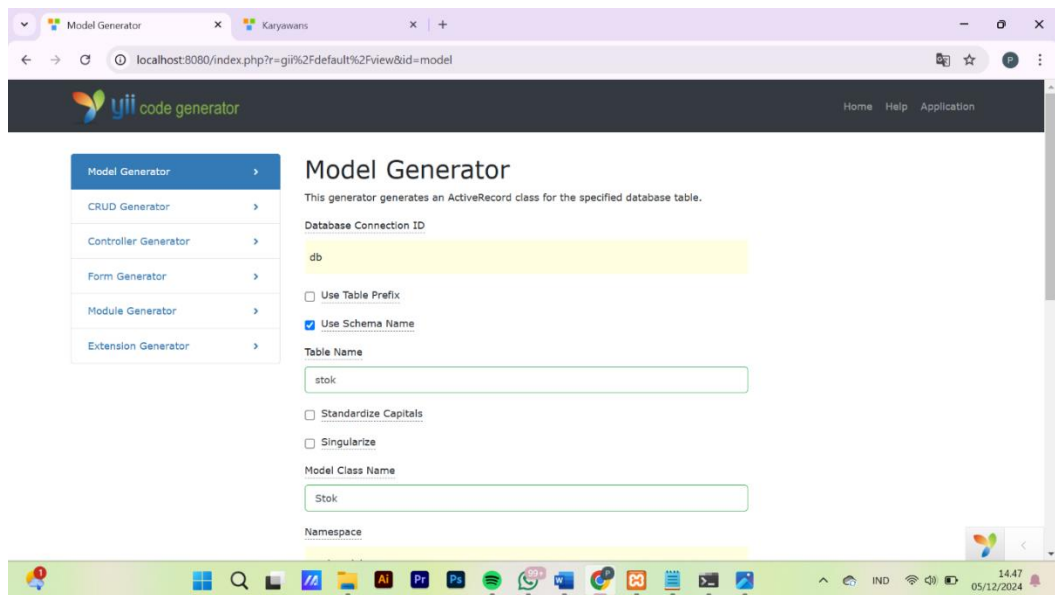
- **Tabel Karyawan**

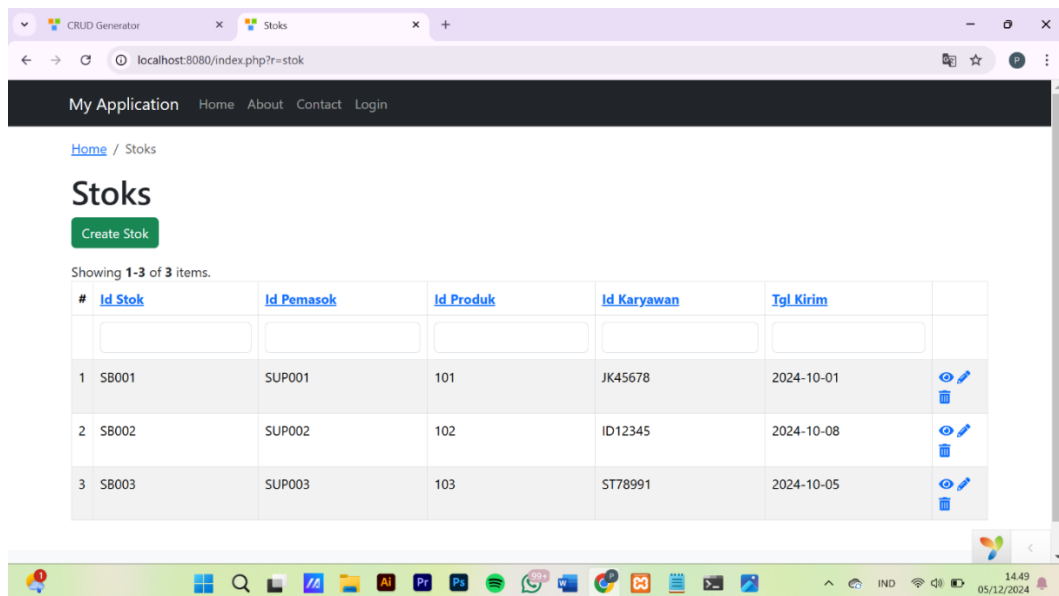
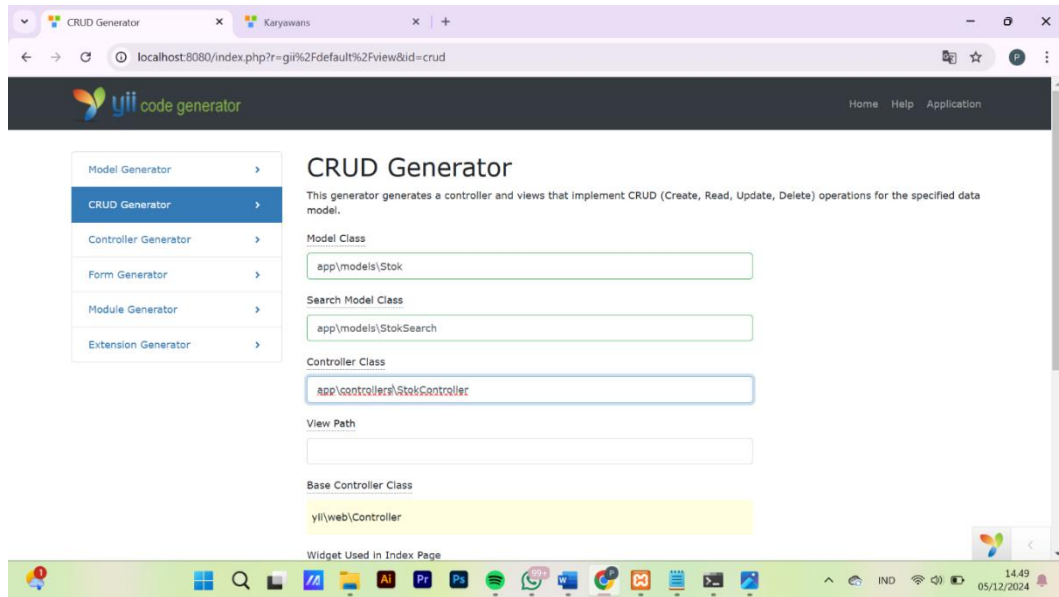
The screenshot shows the 'Model Generator' interface of the Yii2 Code Generator. The left sidebar contains a menu with 'Model Generator' selected. The main content area has the title 'Model Generator' and a description: 'This generator generates an ActiveRecord class for the specified database table.' Below this, the 'Database Connection ID' is set to 'db'. There are checkboxes for 'Use Table Prefix' (unchecked) and 'Use Schema Name' (checked). The 'Table Name' is set to 'karyawan' in a dropdown menu. There are also checkboxes for 'Standardize Capitals' (unchecked) and 'Singularize' (unchecked). The 'Model Class Name' is set to 'Karyawan' in a text input field. The 'Namespace' field is empty. The bottom of the browser window shows the Windows taskbar with various application icons and the system clock displaying 14:29 on 05/12/2024.

The screenshot shows the 'CRUD Generator' interface of the Yii2 Code Generator. The left sidebar contains a menu with 'CRUD Generator' selected. The main content area has the title 'CRUD Generator' and a description: 'This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete) operations for the specified data model.' Below this, the 'Model Class' is set to 'app\models\Karyawan' in a text input field. The 'Search Model Class' is set to 'app\models\KaryawanSearchapp' in a text input field. The 'Controller Class' is set to 'app\controllers\KaryawanController' in a text input field. The 'View Path' field is empty. The 'Base Controller Class' is set to 'yii\web\Controller' in a text input field. The 'Widget Used in Index Page' field is empty. The bottom of the browser window shows the Windows taskbar with various application icons and the system clock displaying 14:31 on 05/12/2024.



- **Tabel Stok**





- **Tabel Transaksi**

The screenshot shows the 'Model Generator' interface of the Yii2 Code Generator. The left sidebar contains links to 'Controller Generator', 'Form Generator', 'Module Generator', and 'Extension Generator'. The main area is titled 'Database Connection ID' and contains the following fields and options:

- Database Connection ID:** db
- ☐ Use Table Prefix
- ☒ Use Schema Name
- Table Name:** transaksi
- ☐ Standardize Capitals
- ☐ Singularize
- Model Class Name:** Transaksi
- Namespace:** app\models
- Base Class:** yii\db\ActiveRecord

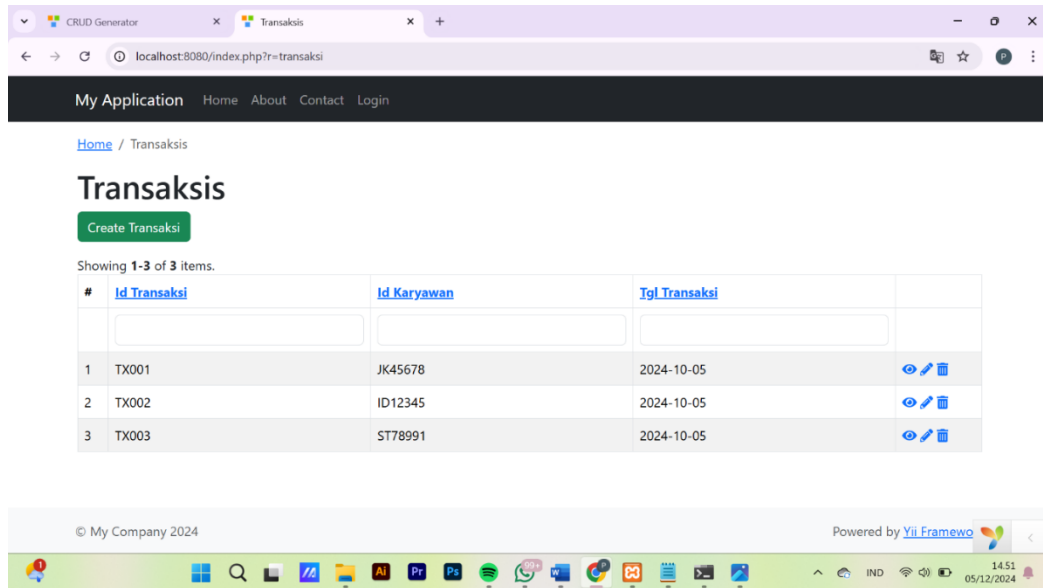
The browser's address bar shows the URL: localhost:8080/index.php?r=gi%2Fdefault%2Fview&id=model. The taskbar at the bottom shows various application icons and the system clock indicating 14:50 on 05/12/2024.

The screenshot shows the 'CRUD Generator' interface of the Yii2 Code Generator. The left sidebar now highlights 'CRUD Generator'. The main area is titled 'CRUD Generator' and includes a description: 'This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete) operations for the specified data model.' The fields and options are as follows:

- Model Class:** app\models\Transaksi
- Search Model Class:** app\models\TransaksiSearch
- Controller Class:** App\controllers\TransaksiController
- View Path:** (empty field)
- Base Controller Class:** yii\web\Controller
- Widget Used in Index Page:** (empty field)

The browser's address bar shows the URL: localhost:8080/index.php?r=gi%2Fdefault%2Fview&id=crud. The taskbar at the bottom shows the system clock indicating 14:51 on 05/12/2024.





- **Tabel Detail**

