

ADVANCED WEB PROGRAMMING
WEB FRAMEWORK (WEEK-1)



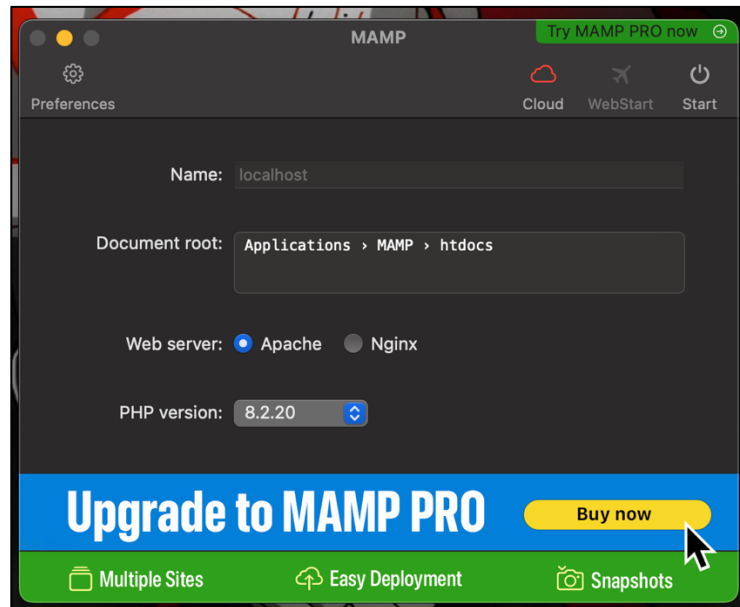
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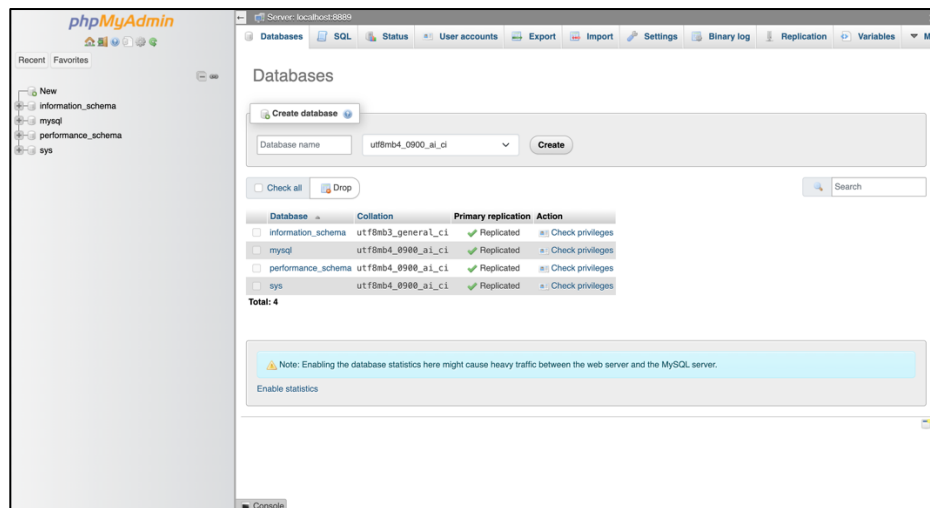
STATE POLYTECHNIC OF MALANG
INFORMATION TECHNOLOGY DEPARTMENT

1. Laragon Installation



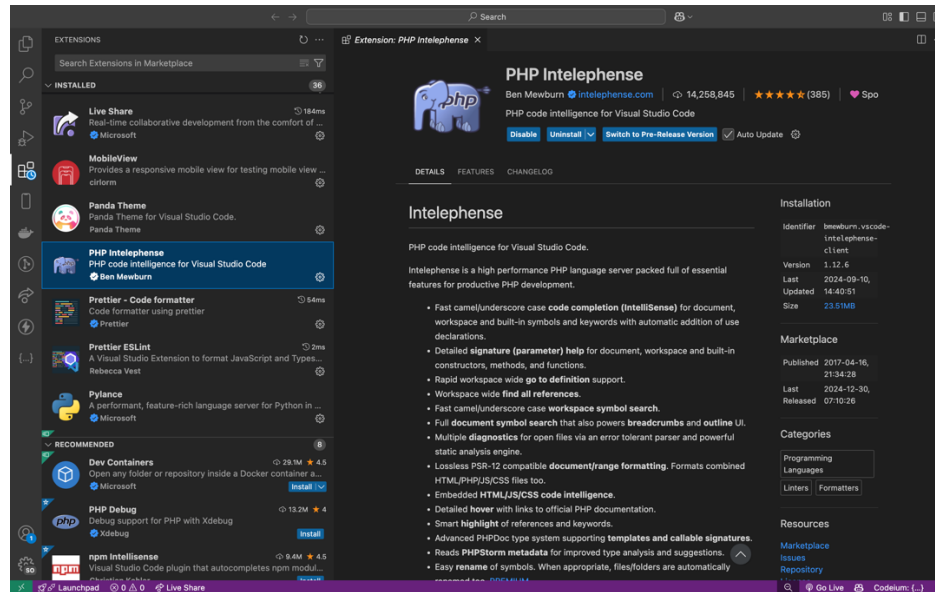
For this course, I used MAMP mam, because in Laragon does'nt supported with MacOS. MAMP also like Laragon which they have local server development and PhpMyAdmin for MySQL interface.

2. PhpMyAdmin Installation



There is my PhpMyAdmin interface for MySQL Database which run by MAMP.

3. VSCode Installation



There is my VSCode with PHP Intelephense extension.

4. Composer Installation

```
Last login: Sun Feb 16 07:28:09 on console
soncahyo@Cahyo-MacBook-Air ~ % composer -v

Composer version 2.7.7 2024-06-10 22:11:12

Usage:
  command [optional] [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
  --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
  audit                    Checks for security vulnerability advisories for installed packages
  browse                   [home] 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 autoloader
  exec                     Executes a vendored binary/script
  fund                     Discover how to help fund the maintenance of your dependencies
  global                   Allows running commands in the global composer dir ($COMPOSER_HOME)
  help                     Display help for a command
  init                     Creates a basic composer.json file in current directory
  install                  [i] Installs the project dependencies from the composer.lock file if present, or falls back on the composer.json
  licenses                 Shows information about licenses of dependencies
  list                     List commands
  outdated                 Shows a list of installed packages that have updates available, including their latest version
  prohibits               [why-not] Shows which packages prevent the given package from being installed
  reinstall                Uninstalls and reinstalls the given package names
  remove                  [rm] Removes a package from the require or require-dev
  require                 [r] Adds required packages to your composer.json and installs them
  run-script               [run] Runs the scripts defined in composer.json
  search                  Searches for packages
  self-update              [selfupdate] Updates composer.phar to the latest version
  show                    [info] Shows information about packages
  status                  Shows a list of locally modified packages
  suggest                  Shows package suggestions
  update                  [update] Updates your dependencies to the latest version according to composer.json, and updates the composer.lock file
  validate                 Validates a composer.json and composer.lock

soncahyo@Cahyo-MacBook-Air ~ %
```

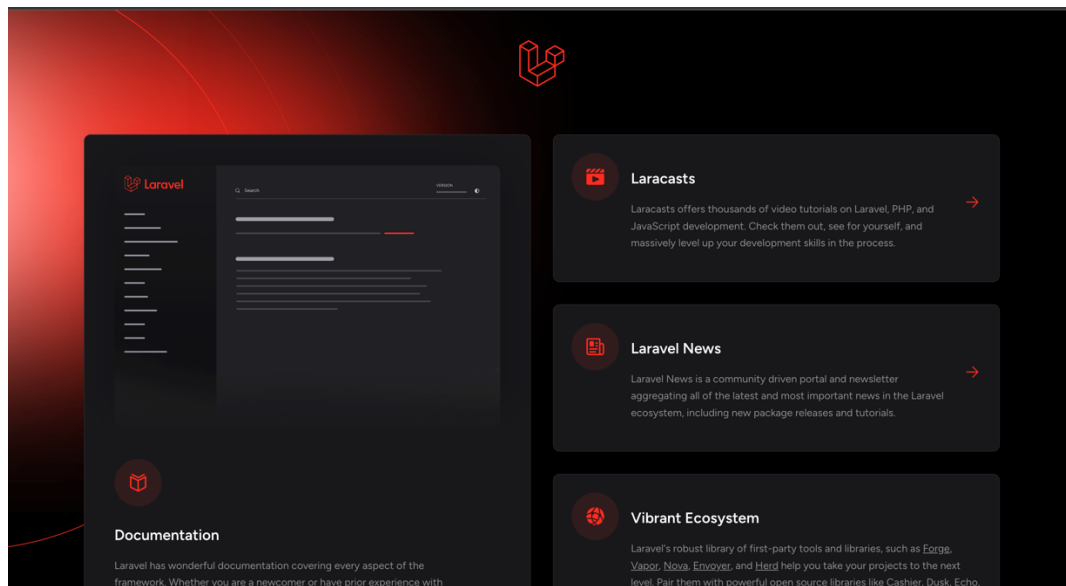
There is my Composer library for dependency manager in PHP.

5. Git Installation

```
soncahyo — zsh — 80x24
Last login: Sun Feb 16 07:39:45 on ttys000
soncahyo@Cahyo-MacBook-Air ~ % git -v
git version 2.44.0
soncahyo@Cahyo-MacBook-Air ~ %
```

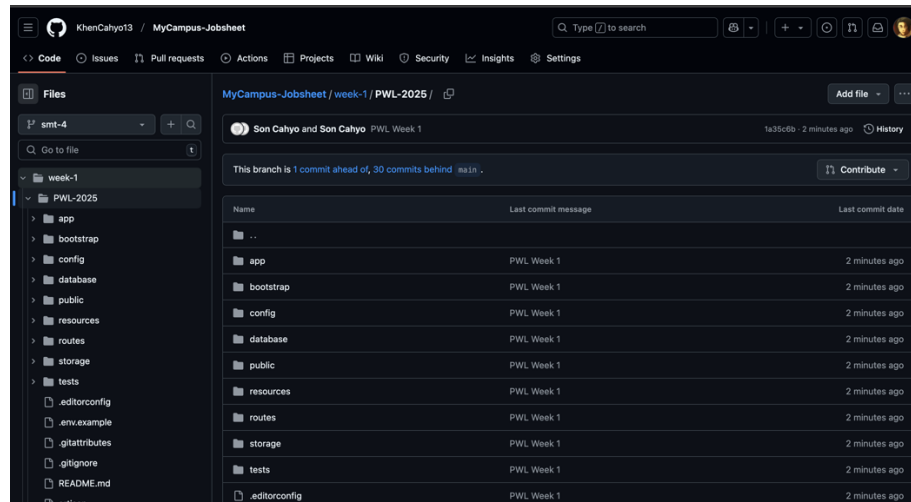
This is a result of Git installation

6. Laravel Installation



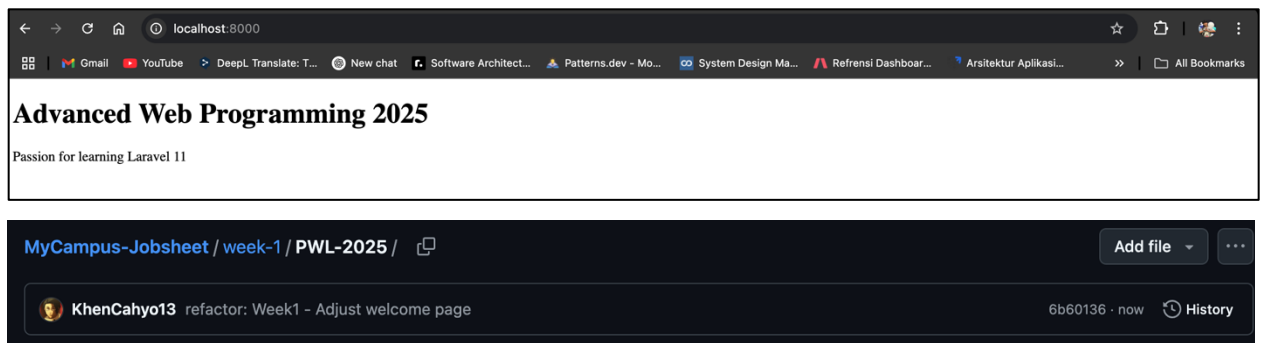
There is a result of Laravel installation.

7. Publish Laravel Project to Github



There is a result of publishing Laravel project to my Github account.

8. Update Program Code and Sync to Github Repo



This is a result of updating program code and push it to Github again.