Pengembangan Aplikasi Web: Backend

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Web architecture overview

WEB APPLICATION ARCHITECTURE

USERS

Collect Data   Display Results

FRONTEND
What the User Sees
& Interacts with
HTML, CSS, JavaScript

Request

Response

BACK-END

WEB SERVER
Contains App Logic
PHP, JavaSccript, Phyton, Java

FILE SYSTEM
HTML,CSS, IMAGES

DATABASE
MYSQL, PostgresSQL, MariaDB
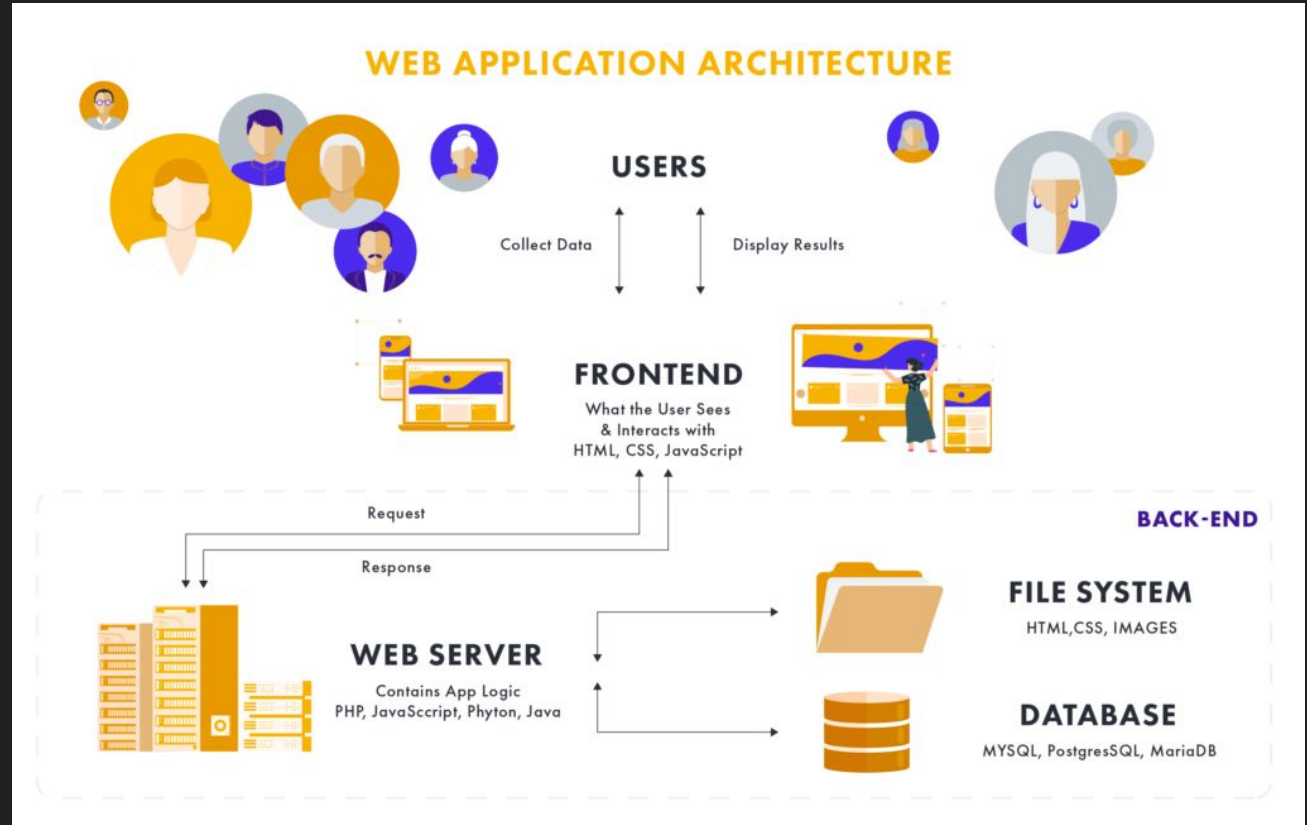
Backend component

- Web server
  - **Apache**, nginx, etc
- Application
  - **PHP**, Python, NodeJS, Java, Ruby, Golang, etc.
- Data Storage
  - **Mysql**, MariaDB, MongoDB, NoSQL, file system, etc
- Others
  - Proxy, firewall, etc.

XAMPP

- All in one: apache, PHP, MySQL
- Easy to install
- Easy to use
- https://www.apachefriends.org/download.html

Demo: PHP

Demo: PHP + MySQL

Demo: WordPress CMS

https://wordpress.org/

Tugas Individu

- Buat aplikasi web sederhana yang menampilkan hari, tanggal, dan bulan secara dinamis