

INTRODUCTION

Frontend Development

Didik Irawan
Jakarta, August 2018

REQUIREMENTS FOR WEB DEVELOPMENT



Requirements

1. Device with Linux OS. min Ubuntu 16.04 LTS >, or Mac
2. 4GB min ram
3. Core I3
4. Text editor ex: Sublime, VS Code, Atom
5. Install Git for your each OS. ref :
<https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>
6. Install NodeJs v 8.0 >. ref:
<https://nodejs.org/en/download/package-manager/>



OVERVIEW

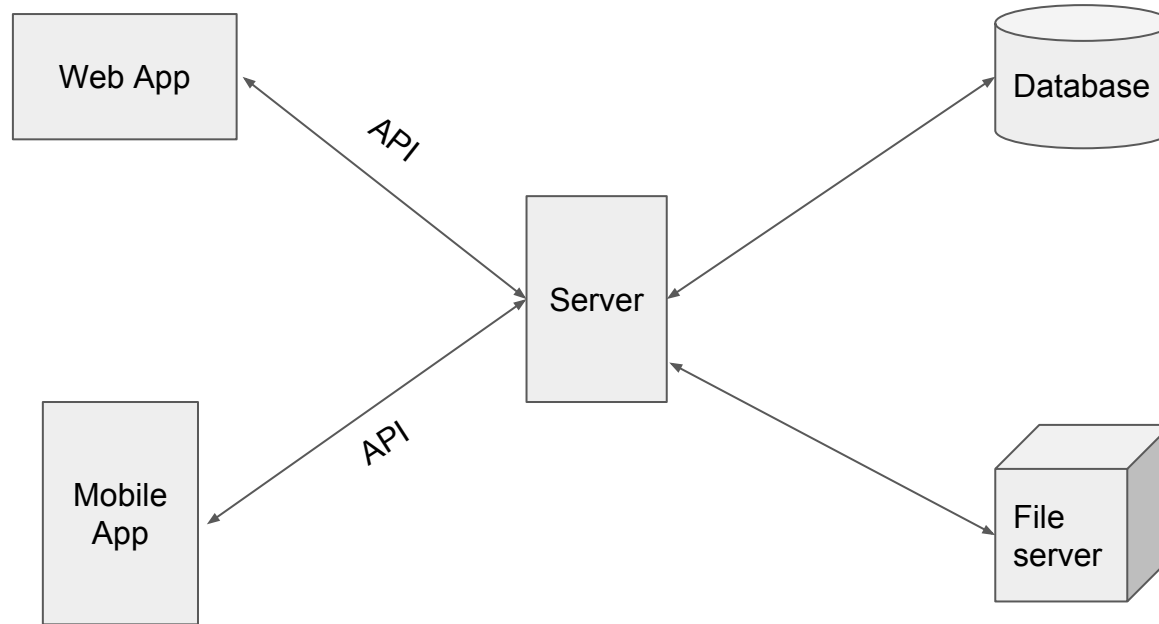
WEBSITE DEVELOPMENT

An application especially website has a physical 2 ends which are front-end and back-end. Front-end involves mostly dealing with the website or application layout or view which is the ultimate end point for visual presentation and interacting with the end users.



FRONTEND & BACKEND

How it works ?





What Do Frontend Do ??

1. Collaborate with UI/UX tim,translate the design and wireframes into high quality code.
2. Working with API
3. Identify and fix bugs
4. Optimaze performance and scalability



MODERN FRONTEND TYPE

1. Single-Page Applications (SPAs)

Example: mail.google.com

2. PWA (Progressive Web Application)

Example: babe.com, m.traveloka.com

3. SSR (Server Side Rendering)

Example: blogspot.com



BASIC CLASS

AGENDA

1. Introduction
2. HTML
3. Git & Git flow
4. CSS Preprocessor (sass, styl, postcss)
5. Javascript fundamentals
6. DOM
7. Javascript OOP
8. Asynchronous
9. ES6

THANKS YOU