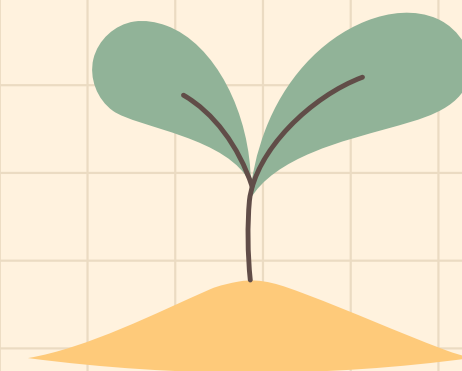


FRONTEND DEVELOPER



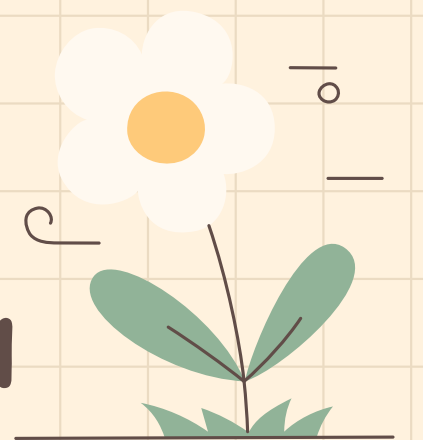
APA ITU FRONTEND

Frontend developer adalah seorang pengembang perangkat lunak yang berfokus pada bagian antarmuka pengguna (user interface atau UI) dari sebuah aplikasi atau website. Tugas utama mereka adalah memastikan bahwa apa yang dilihat dan berinteraksi oleh pengguna bekerja dengan baik, terlihat menarik, dan fungsional.

APA ITU FRONTEND

frontend developer mengembangkan 2 aspek yaitu UI (User Interface) dan UX (User Experience).

Selain itu seorang frontend developer juga memastikan website berjalan lancar di sisi pengguna

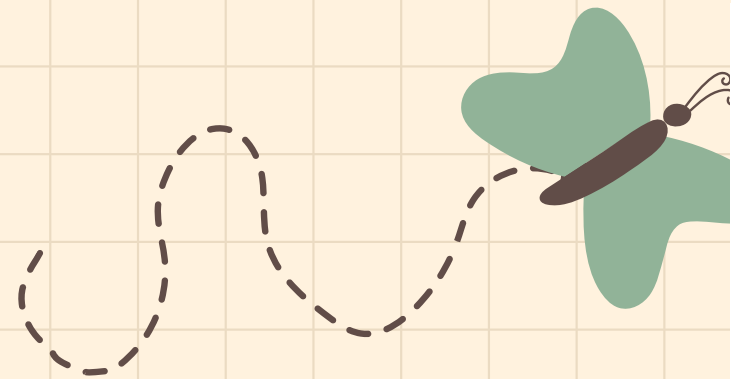


KOLABORASI

Seorang frontend bekerja sama dengan backend untuk mengintegrasikan UI yang dibuat dengan logika atau API di sisi server.

Frontend juga bekerja sama dengan tim UI/UX atau tim desain untuk memastikan bahwa produk memenuhi kebutuhan dan spesifikasi

LANGUAGE



HTML



HTML + CSS



HTML + CSS + JavaScript

HTML

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content

STRUKTUR DASAR HTML

```
<html>
```

```
<head>
```

```
<title>Page title</title>
```

```
</head>
```

```
<body>
```

```
<h1>This is a heading</h1>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
</body>
```

```
</html>
```

BASIC HTML

1. `<html></html>`



START AND END DOCUMENT

2. `<h1></h1>`



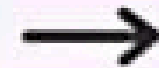
HEADING TAGS (H1 TO H6)

3. `<p></p>`



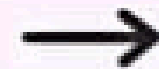
PARAGRAPH TAG

4. ``



BOLD TEXT TAG

5. `<i></i>`



ITALIC TAG

6. ``



UN-ORDER LIST TAG

7. ``



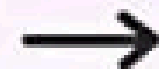
ORDER LIST TAG

8. ``



LIST ITEMS TAG

9. `<form></form>`



BASIC FORM TAG

10. `<table></table>`



TABLE TAG

11. ``



BASIC LINK TAG

12. ``



IMAGE TAG

13. `src="url"`



SOURCE PATH (URL / FILE NAME)

14. `
`



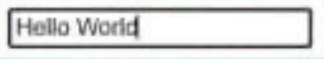
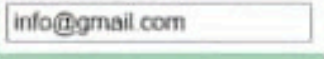
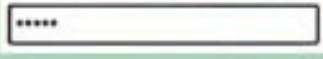
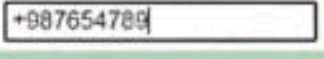


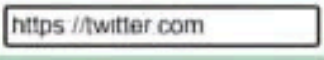
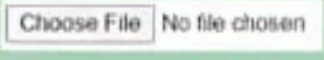
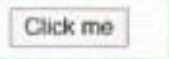

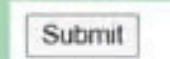
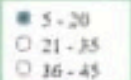
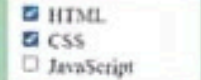





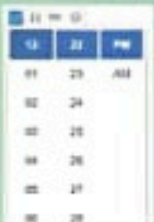

LINE BREAK TAG

15. `<hr>`



HORIZONTAL LINE TAG

INPUT TYPE

- 1 type="text"**
Defines a single-line text field.

- 2 type="email"**
Defines a field for an e-mail address.

- 3 type="password"**
Defines a password field.

- 4 type="tel"**
Field for entering a telephone number.

- 5 type="number"**
Field for entering a number, max/min value allowed.

- 6 type="search"**
Text field for entering a search string.

- 7 type="url"**
Field for entering a URL.

- 8 type="file"**
File-select field and a "Browse" button for file uploads.

- 9 type="hidden"**
A hidden field let web developers include data that cannot be seen or modified by users when a form is submitted.
- 10 type="button"**
Defines a clickable button.

- 11 type="reset"**
Reset button which resets all form values to its initial values.

- 12 type="submit"**
Button which submits all form values.

- 13 type="radio"**
Only one radio button in a group can be selected at the same time.

- 14 type="checkbox"**
Checkbox let a user select one or more options.

- 15 type="range"**
Defines a control for entering a number.

- 16 type="image"**
Defines image as a submit button.

- 17 type="color"**
Defines a color picker. The default value is black.

- 18 type="month"**
Defines a month and year control.

- 19 type="date"**
Defines a date picker. The resulting value includes year, month, and day.

- 20 type="time"**
Defines a control for entering a time.

- 21 type="week"**
Defines a week and year control.


SEMANTIC HTML

- `<article>`
- `<aside>`
- `<details>`
- `<figcaption>`
- `<figure>`
- `<footer>`
- `<header>`
- `<main>`
- `<mark>`
- `<nav>`
- `<section>`
- `<summary>`
- `<time>`

