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#### **BLUE UX Engineer Internship test**

#### I. Written Test

# 1. What is a JavaScript Framework and explain about Vue.js as one of the JavaScript Framework!

A JavaScript Framework is a pre-written JavaScript code library that allows us as developers to develop a JavaScript-based applications easier. Vue.js is one of an example of a JavaScript framework. It is a commonly used framework for building user interfaces. The library focuses on the view layer only and is easy to integrate with other libraries or existing projects.

## 2. What is the use of ellipsis?

In CSS, the ellipsis is used to indicate an overflow of text. When text exceeds its containing element, the overflow property can be used with the value 'ellipsis' to display an ellipsis (...) to indicate that there is more text that is not visible.

#### 3. Explain animation properties below:

- a. @keyframe: This is used to create animations
- **b. animation-name:** Specifies the name of the @keyframes animation
- **c. animation-duration:** Specifies how long an animation should take to complete one cycle
- **d. animation-iteration:** Specifies the number of how many cycles an animation should run
- **e. animation-direction:** Specifies whether an animation should play in reverse

#### 4. Please explain how lazy load works in JavaScript!

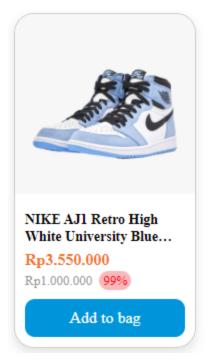
Lazy loading is a design pattern in JavaScript that delays the initialization of an object until it is needed. It's particularly useful when dealing with large amounts of data.

#### 5. Mention at least 5 git commands and describe each function of them!

- a. git init: Initializes a new Git repository
- b. git add: This command add files to be hold for the next commit.
- c. git commit: This command saves the changes we made on git add
- d. git status: This command shows information about files being tracked
- e. git pull: This command get the latest changes from the online repository

#### II. Practical Test

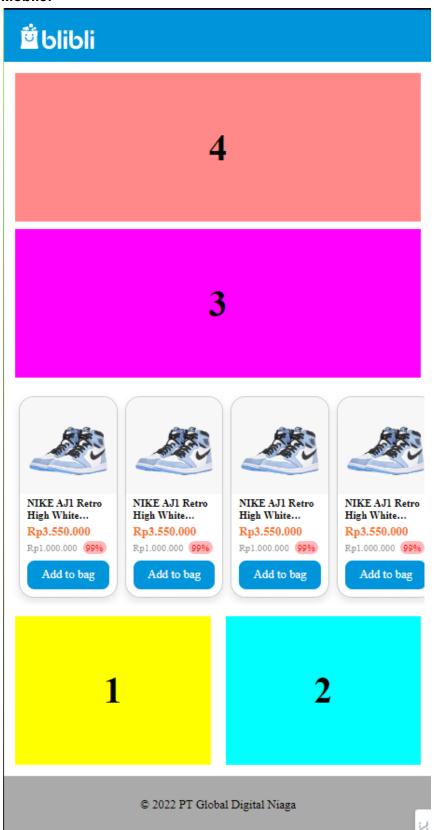
#### 1. Product Card:



# 2. Desktop:

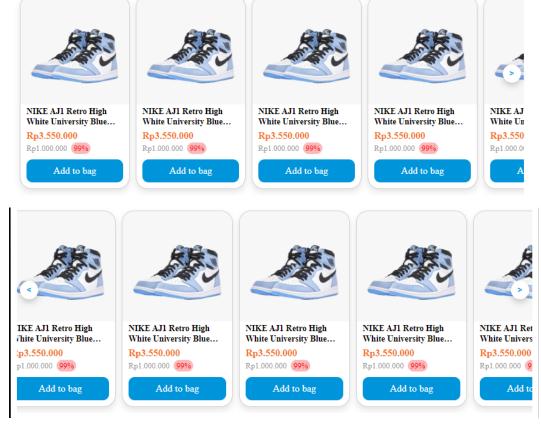


## Mobile:

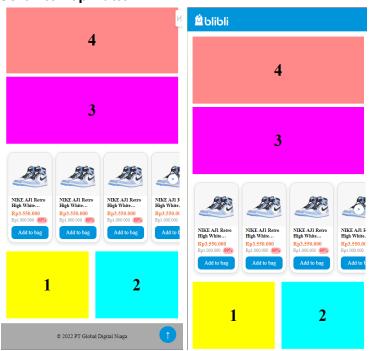


#### 3. Functional Features:

#### a. Product Card:



## b. Scroll to Top Button:



### c. Footer:

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