

Fairuz Nandhita Putri_UX Engineer Test

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!

JavaScript Framework is a collection of code from the JavaScript programming language that has tools, rules, and structures to assist in web application development. The existence of a JavaScript framework can help, save development time, and can make web UI more interactive.

Vue.js is one of the JavaScript frameworks used to develop the UI of web applications. The existence of Vue.js can make web applications more reactive because it can synchronise data and displays easily using the DOM (Data Object Model). It also makes the UI of the web application more interactive because it uses directives to manage the logic between display and data. Vue.js can also manage routing in web applications.

2. What is the use of ellipsis?

Ellipsis is a dotted symbol (...) that serves to imply that there is information omitted so as to show that there is information that can be accessed by clicking or performing certain actions

3. Explain animation properties below:

- a. @keyframe

@keyframe is a rule in CSS that is used to control the animation of an element in full

- b. animation-name

animation-name is the name of the animation that will be used where it refers to its @keyframe

- c. animation-duration

animation-duration is the duration or time specified when the animation runs

- d. animation-iteration

animation-iteration is a rule used to determine how many times an animation is repeated

- e. animation-direction

animation-direction is a rule used to determine the direction of animation such as normal, reverse, alternate, and alternate-reverse

4. Please explain how lazy load works in JavaScript!

Lazy load is one of the techniques used for web application development which serves to load content when needed only. So that it can increase the speed of web performance and reduce the amount of content that must be loaded when you first access a web page

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

- git init is git commands that are used to create a new repository in git
- git clone is git commands used to copy an existing repository to a local directory
- git pull is git commands used to retrieve changes from git repositories and update them with local repositories
- git commit is git commands used to save the results of changes to the local repository. In addition, this git can also provide messages in the form of changes that have been made
- git push is git commands that are used to send the results of changes that have been stored in the git commit phase to the repository stored in git