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TECH NEWS

MASTER PROJECT

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Tech News

Tech News is a site specialized in technology news, it is directed to all people interested in technology and the latest developments and the most important new updates, the site will consist of several pages and will contain a content management system as well and will be built on the framework of Laravel.

A general description:

- 1-Web site have Technology News and Category
- 2- The developers: who will build the entire site from Front End to Back End
- 3 - Users who will use the site are of two types, the first type reader and the second type the author of the article
- 4- The Admin is the person who controls the site by checking the publishers and allowing them to publish their articles.

A main goal:

The goal of building the site is to make everyone interested in technology able to access the latest news with ease and speed and save time instead of entering other news sites and searching for a long time on technology news, which may be greatly summarized and not accurate.

A technologies and languages:

1-Front End:

- HTML (Hyper Text Markup Language) is the most basic building block of the Web.
- CSS is a language that describes the style of an HTML document.
- Bootstrap 4 is an open source toolkit for developing with HTML, CSS, and JS
- JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions.

2-Back End:

- PHP is a popular general-purpose scripting language that is especially suited to web.
- Oop is a programming language model in which programs are organized around data, or objects, rather than functions and logic
- XAMPP is an easy to install Apache distribution containing MariaDB, PHP
- Laravel is a free, open-source PHP web framework, created by Taylor Otwell and intended for the development of web applications.
- Image Intervention is an open source PHP image handling and manipulation library
- CKEditor is a web text editor which allows us to write rich text formats. In this video, we show you how to install and use CKEditor in Laravel.
- MySQL is an open-source relational database management system (RDBMS).

The main features:

- 1- Login and register page
- 2- Home page to show all news
- 3- Category page
- 4- User can show articles
- 5- User can add commit
- 6- Author can add post
- 7- Blog page to show articles
- 8- About us page have all information about us
- 9- Contact us page
- 10-Admin Dashboard page to control of web site
- 11-Admin Can do all crud operations on all site