A Project on
Development of a Web Application That Represents a Typical IT Firm

By

Group No. 10

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Introduction

We, Fatema and Showkat are going under supervision of Tasniah Muhiuddin Ma'am to produce a web based software application. The software should represent a demo IT Firm. We intentionally entitle the company as "Filensys Technologies". The entire software is divided into two sub-spaces. Where one sub-space is for general public to represent the company in the form of definite and well decorated web pages. Another sub-space is for internal users of the company to enable them having specific level of access controls based on their duties and responsibilities. The internal user groups we are considering to provide special layers of access controls based on their duty and responsibilities are- Administration, Accounts, and Employees respectively.

There is a future plan about this software is to integrate general public to be registered users with enabled some services including work order, observing project producing status, payment online, support ticket, and chat bot.

Feature

❑Modules:
- Administrative System Module;
- Employee System Module;
- Accounting System Module;
- Public Interface Module;

❑Different Backend and Frontend Server

❑Single Page Application

❑100% Optimized for Responsive Web Design

❑Clean and Elegant Design

Tools/ Experiments Setup

❑Frontend
- NodeJS LTS v16.18.0
- npm v8.19.2
- npx v8.19.2
- create-next-app v12.3.1

❑Backend
- PHP v8.1.10
- Laravel v9.x
- Composer v2.4.3

❑Database
- MariaDB v10.4.24
- phpMyAdmin v5.2.0
- Oracle SQL Developer Data Modeler v22.2.0

❑Others
- GitHub
- VS Code v1.72
- Google Chrome v107.0.5304.88
- 2 Win10 x64 Desktop PCs - 2

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Advantages

We are living in the era of digitally globalized village. So every organisation should have a website for sharing information about the organisation all over the world. When it is about an IT company, the company needs a website to let the world know about it. A web application of the type we are about to produce here, is especially useful for-

- ✓ Get new clients.
- ✓ Clients engagement.
- ✓ Client satisfaction.
- ✓ Internal management.
- ✓ Transparent financial system.
- ✓ Increase efficiency of employee.
- ✓ Grow business area, and more…

Thank You

Any Questions?