gomedia™
#notjustweb

Overview

Go Media Ltd ("Go Media") require a single page application (SPA) login system to allow online authentication. The system will be flexible enough to accommodate new features as they are required but note that these do not form part of the current specification.

System Benefits

After consulting with Go Media, we have concluded that they would see many benefits, we have listed a small selection below;

- Secure online system.
- Streamlined authentication process.

How We Work

Developing large systems such as this takes time from both parties. We work using the AGILE method which requires regular reviews from Go Media to ensure the project is on track. To do this, we build each individual area (e.g. System Users, Groups etc) and then pass this over to Go Media for sign-off. We do not move on to the next area of the system until the current area has been approved. This ensures that both parties are happy with the direction of the project and regular interactions keep our clients up to date on progress.

Contents

SPA Login Specification

System

The frontend will be coded using VueJS using the Quasar Framework https://quasar.dev. The backend API will be coded using Laravel V7.

Design

The SPA design is not important for this project and will not be taken into account. This project is to look at functional code, we have our own in-house graphic designers that will help on real projects.

Login

The system will allow a user to login via email and password being submitted, the frontend will store a secure token returned by a successful authentication and use this token to authenticate until the user signs out.

List

The system will return a list from the API and display via the frontend to only authenticated users, the list can be anything.

Logs

The system will log all activity against each user account and store in the database under a transaction log table.

Third-Party Integrations

There will be no third-party integrations needed for this project

Data Migration

There will be no data migration needed for this project.

Additional Considerations

This is project does not need to be a fully-fledged system and is only intended to demonstrate your coding ability and style using VueJS and Laravel. Very little time needs spending to make the frontend look good it is purely code that will be assessed. We would recommend spending 1-2 hours at the most on this and then uploading to your git account so we can review prior to interview.