## **PhotoGrapher Porfolio App Documentation**

### **Overview:**

The photographer's portfolio app is a web application designed for photographers to showcase their work and manage their photo gallery. Users can register and log in to the platform, view a profile and change password. The project documentation will provide instructions and guidelines for using the platform, including setup instructions, API usage, and deployment guidelines.

### **Setup Instructions:**

**Setting up the Vue.js Frontend**

Prerequisites

Before getting started, you'll need to have the following installed on your machine:

* Node.js v14 or higher
* npm or Yarn

**Installation**

1. Clone the repository from Github:

git clone https://github.com/your-repo.git

1. Navigate to the frontend and install the dependencies:

cd frontend

npm install

1. Start the development server:

npm run serve

1. The application should now be running on http://localhost: 3000.

**Setting up the Laravel Backend**

Prerequisites

Before getting started, you'll need to have the following installed on your machine:

* PHP 7.4 or higher
* Composer
* MySQL

**Installation**

1. Clone the repository from Github or if already cloned the repo skip this step:

git clone https://github.com/your-repo.git

1. Navigate to the project directory and install the dependencies:

cd backend

composer install

1. Create a new MySQL database for the project or the you can use the same database as it is hosted online.
2. Copy the .env.example file to .env and fill in the necessary environment variables, including the database connection details:

cp .env.example .env

1. Generate an application key:

php artisan key:generate

1. Start the development server:

php artisan serve

1. The application should now be running on http://localhost:8000/.

### **Api Usage:**

The frontend of this application communicates with the backend through a RESTful API. All API requests are made using the axios library. Here are the available endpoints and how to use them:

**Authentication Endpoints**

* **POST /api/auth/login**: Logs in a user with their email and password. Returns a JSON Web Token (JWT) to be used for subsequent API requests and also userData.
* **POST /api/ auth/register**: Registers a new user with the provided name, email,bio,phone and password.
* **POST /api/auth/resetpassword**: Sends a password reset link to the user's email. Requires the user's email in the request body.
* **POST /api/auth/changePassword**: Resets the user's password. Requires the reset token, password and new password in the request body.

**Profile Endpoints**

* **POST /api/auth/getalbums**: Returns all photos in the gallery. Required a logged In user id in query string.

**Using the API with axios**

To make API requests from the Vue.js frontend, you can use the axios library.

### **Screenshots of UI:**

1. **Login Page**Graphical user interface, application

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2. **Register Page**Graphical user interface, application

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3. **Forgot Password**A screenshot of a computer

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4. **Change Password**Graphical user interface, application

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5. **Email Template for Reset Password Email**

Graphical user interface, application

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1. **Profile Page**Graphical user interface, website

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### **Code Link:**

Github Link: <https://github.com/ayushi-desai/photographerApp>

Databse hosted on freedbtech