

2024 - Vacation Plan

Buzzvel 2024 Dev Team Test

Lisboa, 07 de Março 2024

Version 1.0

Story

You are required to create a RESTful API using Laravel to manage holiday plans for the year 2024.

The API should allow users to perform CRUD operations (Create, Read, Update, Delete) on holiday plans.

Requirements

Authentication: Implement authentication for the API using Laravel Passport or any preferred authentication mechanism.

Holiday Plan Schema

- Title
- Description
- Date (YYYY-MM-DD format)
- Location
- Participants (Optional)

Generate PDF for Holiday Plan

Implement functionality to generate a PDF document summarizing the details of a holiday plan. The PDF should include title, description, date, location, and participants (if available).

API Endpoints

- Create a new holiday plan
- Retrieve all holiday plans
- Retrieve a specific holiday plan by ID
- Update an existing holiday plan
- Delete a holiday plan
- Trigger PDF generation for a specific holiday plan

Validation

- Implement appropriate validation for input data (e.g., required fields, date format validation).

Documentation

- Provide documentation for each API endpoint, including request method, URL, request/response parameters, and example responses.

Unit Testing

- Write unit tests for at least the critical functionalities of the API.

Additional Guidelines

- Use Laravel best practices and conventions.
- Follow RESTful API design principles.
- Make sure to handle errors gracefully and return meaningful error messages.
- Use Git for version control and share your code repository with us upon completion.
- Provide clear instructions on how to set up and run your project locally.

Evaluation Criteria

- Code structure and organization.
- REST API design and implementation.
- Error handling and validation.
- Authentication implementation.
- Testing approach and coverage.
- Overall code quality and readability.

Bonus

Deliver project using Docker.

Submission

A README is required. If we don't have a README, this test will be ignored.
A video or a URL that shows the project is working. You can upload and share with a public link and send us the link.

Please submit your solution within the specified time frame. Include your project code, setup instructions, and documentation in this form:

<https://forms.clickup.com/6647387/f/6avjv-18455/PLUYAZ40HA3XTQOEFW>