Naming Conventions

Here we will talk about naming conventions about PHP. Following conventions have accepted by Laravel community.

Controller

- Name should be in **singular** form.
- Should use **PascalCase**.

Should Do	Should't Do
CustomerController.php	CustomersController.php

Route

1. **Route URL**

- Url should be in **plural** form.
- Can use **kebab-case** if there are two words in single part For best Practice.

Should Do	Should't Do
/customers/25	customer/25
/customers/password-reset	/customers/password_reset
-	/customers/passwordReset

2. Route Name

- Should use **snake_case** with dot notation.
- Better to use same name like in URL.

Should Do	Should't Do
->('customers.view')	->('customers-view')
–	->('customers_view')
->('customers.password_reset')	->('customers.password.reset')
–	->('customers.password-reset')
–	->('customer-password-reset')

Database related

1. Migration

- Should use name as what you want to do with **snake_case**.

Should Do	Should't Do
2021_03_19_033513_create_customers_table.php	2021_03_19_033513_customers.php
2021_03_19_033513_add_image_id_to_customers_table.php	2021_03_19_033513_add_image_id_customers.php
2021_03_19_033513_drop_image_id_from_customers_table.php	2021_03_19_033513_remove_image_id_customers.php

2. Table

- Table name must be in **plural** form.
- Should use **snake_case**.

Should Do	Should't Do
customers	customer
cart_items	cartItems , CartItems , Cart_item

3. Pivot Table

- Table name must be in **singular** form.
- Should use **snake_case**
- Names should be in **alphabetical** Order.

Should Do	Should't Do
course_student	student_courses , students_courses ,course_students

4. Table Columns

- Should use **snake_case**.
- Should not use table name with column names.
- Readable name can use for better practice.

Should Do	Should't Do
first_name	user_first_name , FirstName

5. Foreign Key

- Should use **snake_case**.
- Should use **singular** table name with **id** prefix.

Should Do	Should't Do
course_id	courseId , id ,courses_id ,id_course

6. Primary Key

- only use name as **id**.

Should Do	Should't Do
id	custom_name_id

7. Model

- Model name must be in **singular** form.
- Should Use **PascalCase**
- Model name must be a singular form or table name.

Should Do	Should't Do
Customer	Customers,customer

8. Model Single Relations [Has One, Belongs To]

- Method name must be in **singular** form.
- Should Use **camalCase**

Should Do	Should't Do
studentCourse	StudentCourse,student_course,studentCourses

9. Model all other relations and methods [Has Many, Other]

- Method name must be in **plural** form.
- Should use **camalCase**

Should Do	Should't Do
cartItems	CartItem,cart_item,cartItem

Functions

- Should Use **snake_case**

Should Do	Should't Do
show_route	showRoute,ShowRoute

Methods in resources controller

- Should use **camelCase**
- Must use singles words related to action

Should Do	Should't Do
store	saveCustomer
show	viewCustomer
destroy	deleteCustomer
index	allCustomersPage

Variables

- Should use **camelCase**
- Must use readable words which are describe about value.

Should Do	Should't Do
$customerMessages	$CustomerMessages ,$customer_messages , $c_messages , $c_m

Collection

- Must described about the value.
- Must be plural

Should Do	Should't Do
$verifiedCustomers = $customer->verified()->get()	$verified ,$data , $resp , $v_c

Object

- Must described about the value.
- Must be singular

Should Do	Should't Do
$verifiedCustomer = $customer->verified()->get()	$verified ,$data , $resp , $v_c

Configs

- Should use snake_case
- Must described about the value.

Should Do	Should't Do
comments_enabled	CommentsEnabled ,comments , c_enabled , $ce

Traits

- Should be adjective.

Should Do	Should't Do
Utility	UtilityTrait ,Utilities

Interface

- Should be adjective or a noun.

Should Do	Should't Do
Authenticable	AuthenticationInterface ,Authenticate