# Test 1 – Laravel, OOP:

## Description

We need to create **api table service** that control UI table structure & columns using the eloquent models as a data source.

Response will be sent as json to frontend dynamically from ***resource collection*** with table columns & data, it is similar to livewire tables (you can see a demo of livewire table at this link <https://tables.laravel-boilerplate.com/bootstrap-5>).

## Implementation Notes

* Library should be able to do the following
  + Getting eloquent model ***attributes values not only database*** fields
  + Column values may be processed by callback function
  + Consider different column types in the table (link columns, text , Boolean ..etc)
  + Table filters to apply database queries with different values types
  + Postman collection with two endpoints at least one for loading table & another to filter data
* Complete Solution is not required.
* Don’t make extra effort.
* take your suitable time to set and showing the structure of code.
* You can add some extra columns to users table or use attached migration file as table example
* Sample api response attached (you are free to set your columns as you want it is just for sample demonstration)
* Don’t make any frontend or blade views just return apis