**ICS3104**

**Internet application programming**

**Lab 6**

This lab extends lab 5.

Part 1:

Create a form that can be used to add records into your cars table.

Do not add any ‘required’ attribute in any of the form fields. We will need to validate our form in the server side using Laravel.

Validate your form data using the following rules:

* All fields are required.
* Each entry is unique.
* Form error are customized (do not use the default error messages in Laravel’s $errors variable).

Use the form to insert 10 records into your *cars* table.

Show you can build queries in named action methods to illustrate the following clauses (Refer to slide 26 in your notes).

Part 2:

Assume that the cars you have added in your application requires reviews, proceed as follows

* Create a Model called Review and a controller called ReviewsController.
* Link your Cars model with the Review model such that Car has many reviews and a review belongs to a car.
* Write a route and link it to a named action method in ReviewsController and proceed to demonstrate how to read all reviews of a car of some id (e.g. id=2). Use postman to show results.
* Write a route and link it to a named action method in ReviewsController and proceed to demonstrate how to read car details of a review of some id (e.g. review id=2). Use postman to show results.
* Write an API endpoint to return all reviews of a given car in JSON format.

***--End--***