Dear Hiring Manager,

Thank you for choosing me at assessment part of your hiring process.  I have completed your task (**Project one**) to build a simple web-based application that allows users to create and manage to-do lists as per your requirements.

**Technology I have used:**

Laravel framework and MySQL database**.**Laravel v8.83.27 (PHP v7.4.19)

**Design pattern I have used:**

To build this application I’ve used the Laravel **Repository pattern.**

**Repository pattern** in Laravel application is a bond between **models** and **controllers.**

At the development process I’ve used laravel Service Class to make our code clean and reuse.

I’ve created LoginService, RegistrationService and ToDoService to use them for different purposes. Mainly, for to-do and tasks management I’ve used ToDoService Class. For security reasons and user management I’ve used laravel default authentication system and auth guard.

**How to run and check:**

Please visit my github repository link given below.

<https://github.com/moktadirul-raju/project-one>

- Clone or download as zip first. I’ve added a laravel vendor folder on it. In addition please run the “**composer update**” command from your terminal at project root.

-  Create a database named “project-one”. If you use another name please change at config/database.php file.

- Import my database which is stored with some demo data located at the db folder in project root or Run “**php artisan migrate:fresh --seed**” command from your terminal.

-    For the test I’ve created two users. If you want you can create one.

User One:

Email: [moktadirulraju@gmail.com](mailto:moktadirulraju@gmail.com)

Password: 123456

User Two:

Email: [raju@gmail.com](mailto:raju@gmail.com)

Password: 123456