**DLC Test Exam Project**

1. Create a new Laravel project
2. Import the DB (see attached)
3. Determine the problems/suggestions on DB structure including naming, data type, etc… (Keep your thoughts in separate word file named “Laravel\_FirstName\_LastName.docx” and add it to repository root folder)

In this step, I got two errors and fixed them.

One: Unknown collation: 'utf8mb4\_0900\_ai\_ci'

I replaced replace “**utf8mb4\_0900\_ai\_ci**” with “**utf8mb4\_general\_ci**” and “**CHARSET=utf8mb4**” with “**CHARSET=utf8**“.

Two: Duplicated entry for primary key

It not allowded to enter duolicated value in id field. I fixed values of id column.

1. Create an API route shows all categories.

|  |  |
| --- | --- |
| Title | Info |
| categories | Endpoint: {url}/api/categories  Method: GET  Body: no body |

1. Create a view that nests products under their category and show on same page

/products

1. Create/Edit README.md file to explain how to run the project
2. Edit .gitignore file
3. Push your code to repository (github or bitbucket) publicly
4. Create a view allows to add product. Note: work on different branch

/product/add (Add button in products list page)

1. Create Pull request.
2. Merge your branch into master/main
3. Add your repo URL to word file that you created previously.

https://github.com/zm70/dlc-test-exam.git

1. Send your word file to **fatih@dlc.ca**