

1) Create Laravel Project using default auth.

2) Create two tables using migration.

Note : (Add relationship as per required fields, add unique index for category name, )

- Product (id, name, cat\_id, sub\_cat\_id, price, qty, status, created, updated, deleted)
- Category (id, name, status, created, updated, deleted)
- Sub category (id, cat\_id, name, status, created, updated, deleted)

3) Perform CRUD operation with proper validation (use both server side and client side)

- User should not be able to add duplicate category.
- Product qty (It should not accept negative number)
- Product price (It should not accept negative number)
- All fields required
- Minimum and Maximum character limit (min 5 and max 20) for category and product

name

4) If user delete any category then relevant sub category and products should automatically get deleted from the table and also if user delete any sub category then product should automatically delete from table.

5) And user change status for category and sub category then related all records should be in active.

6) Use Server Side Datatable to show the data on frontend

7) User can search product with category name in product module.

Time for the practical: 2.5 Hours