* A login page serves as the home page, this page will redirect the user to the dashboard.
* Informative dashboard, a simple dashboard will contain the following information: Total sales,Total transactions, Total items number, Top five expensive items to buy, Total users. **(its need to be done but with very simple design)**
* Selling dashboard: this dashboard contains selling form with item name and item quantity. The seller can’t sell items that is out of stock. There should be a list in the same page for all the transactions that has been made today by the current logged in user. The seller can edit or delete each transaction on this list directly using action buttons.
* Stock management page should list all items and provide all CRUD functionalities (through subpages) for each item. Each item should have cost, selling price, stock available quantity, created at, and updated at fields
* Transactions management page should list all transactions and provide only Read, Update,and Delete functionalities (through subpages) for each transaction. Each transaction should have item id, quantity, total, created at, updated at. **. (In this page there will be a list of item with a quantity and when we add the item and the quantity it will give us the transaction table with the total fro the treansaction)**
* Users’ management page should list all users and provide all CRUD functionalities (through subpages) for each user. Each user should have display name, username, password, email, role, created on, and updated on.
* You can add profile page for each user contains the user image and the user should be able to update his/her information and image**. (the backend for it is done I gust need the front page)**

Users should be restricted to access pages as per their roles: (Roles should be hard coded and the app should be controlled based on permissions)

o Admin: can access everything.  
o Seller: can access only Selling dashboard.  
o Procurement: can access only Stock management page.  
o Accountant: can only access Transactions management page.

The whole website should be designed in Bootstrap except the login page, it should be designed only using CSS and it should look modern and responsive using media queries.

* The whole website should be responsive.

Any form in the website should contain both, frontend validation and backend validation.

* Login page should have “remember me” feature.
* The selling dashboard should be developed using AJAX and should have an API to support the AJAX requests. AJAX should be developed using jQuery. The seller can’t sell items that are out of stock.

• There should be a relation between the transactions and the user who make any transaction. We should be able to get all transactions that have been made by any user. No user ID should be added to the transactions table.

* The instructor should be able to read the code from GitHub.
* You can use Git branches, the main branch with an empty configuration and another branch for the local configurations.
* The web application should be build using MVC design pattern.
* The web application should be secured, no SQL injection attacks, no easy-to-read passwords, and no XSS vulnerabilities.

To do:

-The sales page uses AJAX API, jQuery (the render and the index method are done in the backend (controller) is ready)

-all the backend for the rest of the controllers is done I just need the frontend with a very simple design

-the dashboard front end.

-add the category and img for the items table in DB and the foreign key between users and user\_transaction table.

**(the highlights one mean is done)**

**We are not allowed to use the Laravel framework.**