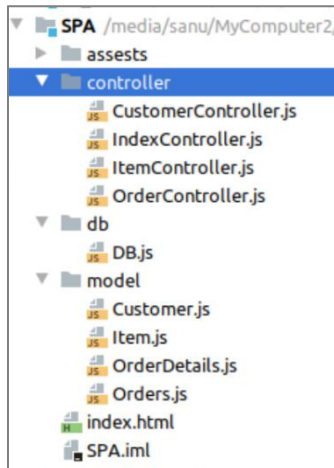**Create a In-memory POS system using JS**

01. Use the earlier Single Page Application(SPA) POS system you created and make its functions work as described follows.

- Use MVC architectural design pattern to structure the project.

- Save all data temporary by using arrays.
- Manage all the customer functions as described in the following example video.
  - Make all the validation as described
  - Disable tab key default focusing

Sample Video for customer form

- **Manage all the item functions also with validations**

Item Manage

| Home | Customer | Item | Orders |

Item Form

Item Code

Item Code is a required field : Pattern I00-000

Item Name

Item Qty

Unit Price

[Add Item] [Remove] [Update] [Get All] [Clear All]

Item Code	Item Name	Item Qty	Item Price
I00-001	Lux Bundle	100	48
I00-002	Saman	300	150
I00-003	Anker	100	340

Sample Video for Item From

- **Manage the place order form**
  - ✧ **Generate automatic order id**
  - ✧ **Fill current date**
  - ✧ **Search and load customer details which you added before.**
  - ✧ **Search and load item details which you previously added.**
  - ✧ **Add buying Items to the table.**
    - ✓ **Check the quantity available before adding.**
    - ✓ **Remove buy items.**
    - ✓ **Update qty of duplicated items**
  - ✧ **Automatically generate the total.**
  - ✧ **Discounts can be applicable (%).**
  - ✧ **Customers balance should be calculated.**
  - ✧ **Search a order from order id.**

Sample Video for Order Form

Note :-

On this assignment there is no need of saving those data in a database. The data should be store temporary in arrays.

All the saved data must be clear when the browser refreshed.