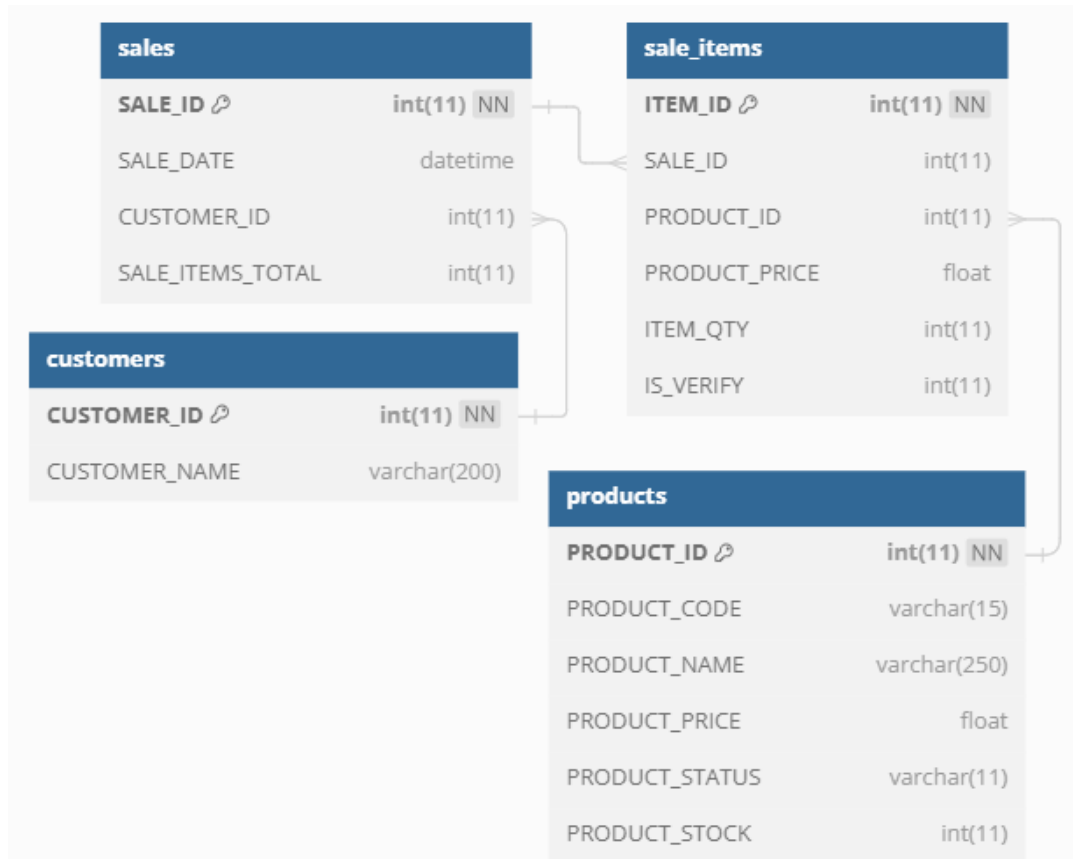


## BACKEND DJANGO TEST CASE

### Note:

1. Before start please create database first.(run script)
2. ERD



### Test case

1. API Customer List:
  - a. Get all customer data with format : **customers.json**
  - b. Requirements
    - i. User want to get all data customer
    - ii. User want to get data customer by id customer (multiple)
    - iii. User want to get data customer search by name
2. API : Get Product Detail by Product Code with format : **product\_detail.json**
  - a. Requirements
    - i. User want to get data product detail by code scanned
    - ii. If product status = hold then show a message.
    - iii. If stock = 0 then show a message
3. API : Insert data Sale with format : **insert data sale.json**
  - a. Requirement

## BACKEND DJANGO TEST CASE

- i. User want to insert data transaction with multiple items.
  - ii. Logic
    1. If **qty > product stock** then show alert & failed insert  
else insert data to table :
      - a. **Sales** : insert data header
      - b. **Sale\_items** : insert data items
  - iii. If success insert then:
    1. Update product stock : Stock – qty = latest product stock
    2. Update table **sale** column :**sale\_items\_total = total items success inserted**
  - iv. If transaction is done then
    1. Show message with format:
      - a. Show all data items status Success & failed Insert with format :  
**Return data After insert data sale.json**
4. API Paging with Format : **paging.json**
  - a. Requirements
    - i. User want to see all data transaction based on :
      1. Date period
      2. Total show data
      3. Keyword (search by transaction code & customer name)
    - ii. User can slide page left & right
5. API Cart compare data with format : **compare chart.json**
  - a. Requirements
    - i. User want to see data comparison with chart
      1. Compare all data transaction by :
        - a. Date 1
          - i. Show total price transaction by time base on date 1
          - ii. Order data by time asc
        - b. Date 2
          - i. Show total price transaction by time base on date 1
          - ii. Order data by time asc
6. API Product Popular with format : **product popular.json**
  - a. Requirement
    - i. User want to see top 5 product popular
    - ii. Order data by total\_price desc