Class Item

public:

    printItem ();

    setDescription();

    setPrice ();

    setQuantity ();

    getTotal ();

    Item (const Item & temp);

data:

    - name

    - price

    - description

    - quantity

Class Menu

public:

    - printMenu ();

    - addMenu (Item Item);

    - deleteMenu (Item Item);

data:

    - Item * Items

Note: I did not include details like the types each function returns, parameters, and constructor in these diagrams. Those details were included in the header file.

class Store

public:
- Set Tax Rate ()
- set Tax Rate ()
- print Store Info ()

data:
- Store number
- name
- address
- tax rate
- * menu   (should be same for every store)

class DateTime

public:
- print DateTime () ;
- set Hour () ;
- Set Minute () ;
- Set Second () ;

data:
- month
- year
- day
- hour
- minute
- second

Class ticket

public :
- set tax Amount () ;
- set Final Price () ;
- print Ticket () ;

data :

- Item   * Items

- Store   Store

- Date Time   date time

- orderNumber