

**VIN implemented use cases**  
**(depending on the actors and corresponding methods)**

**SUBSCRIBER**

Create account - addSubscriber()  
Modify account - setSubscriber()  
View account - printSubscriber  
Load account - addSubscriber()  
Search into an account - search()  
View shipments - printSubShipment()  
View shipment - printSubShipSID()  
View shipment notes - printShipNote()  
View shipment note - printShipNoteNID()  
View wine notes - printWineNotes()  
View wine note - printWineNoteNID()  
Create shipment note - postShipmentNote()  
Create wine note - postWinesNote()  
Modify shipment note - setShipNoteNID()  
Modify wine note - setWineNoteNID()  
Delete shipment note - removeShipNoteNID()  
Delete wine note - removeWineNoteNID()  
View subscriber wine - printWinesWID()  
View wines - printWines()  
View detailed wine - printAllWinesWID()  
View wine ranking - printWineRating()  
Create wine ranking - postWineRating()

**ADMIN**

Create account - addAdmin()  
View account - printAdminAID()  
View accounts - printAdmin()  
Modify account - setAdmin()  
View revenue - adminRevenue()  
View period revenue - adminRevenue()  
Create monthly selection - postMs()  
View monthly selection - printMsMID()  
View monthly selections - printMs()

**DELIVERY PARTNER**

View subscribers to deliver - shipmentsToDeliver()  
Create receipt - postReceipt()  
View receipt - printReceipts()  
View receipts - printReceiptRID()

*\*All these use cases has been coded in "Club.java" class*

**SUBSCRIBER**Create account

## Data

<name>, <street-name>, <city>, <state>, <zip-code>, <email-address>,  
<phone-number>, [<twitter-name>], [<facebook-name>]

## Main Course of Events

- User issues "Create Account" order with the above data.
- System validates data .
- System creates a record for the subscriber and assigns a subscriber-id to it .
- System returns subscriber-id to user

## Exception Course

- System delivers error message to user

Modify account

## Data

<subscriber-id>, <name>, <email-address>, <phone-number>, [<twitter-name>],  
[<facebook-name>]

## Main Course of Events

- User issues "Modify Account" order with the above data
- System validates data
- System retrieves the record corresponding to <subscriber-id>
- System replaces existing customer data with the new data
- System returns success or failure to user

## Exception Course

- System returns subscriber-id to user

View account

## Data

<subscriber-id>

## Main Course of Events

- User issues "View Account" order with the above data
- System validates data
- System retrieves the record corresponding to <subscriber-id>
- System returns detailed information from the record retrieved

Load account

## Data

<subscriber-file.ser>

## Main Course of Events

- User issues "Load Account" order with the above data
- System validates data .

- System creates a record for the subscriber.
- System returns subscriber-id to user

#### Exception Course

- System delivers error message to user

#### Search into an account

##### Data

<subscriber-id>,<query\_string>

#### Main Course of Events

- User issues "Load Account" order with the above data
- System validates data .
- System retrieves the records matching with <query\_string>
- System returns an array of wine IDs, array of note IDs, and shipments IDs that contain the <query\_string>

#### View shipments

##### Data

<subscriber-id>

#### Main Course of Events

- User issues "View shipments" order with the above data
- System validates data .
- System retrieves the records of shipments corresponding to <subscriber-id>
- System returns an array of shipments for the subscriber.

#### View shipment

##### Data

<subscriber-id>, <shipment-id>

#### Main Course of Events

- User issues "View shipment" order with the above data
- System validates data .
- System retrieves the shipment record corresponding to <subscriber-id> and <shipment-id>
- System returns an array of shipments for the subscriber.

#### View shipment notes

##### Data

<subscriber-id>, <shipment-id>

#### Main Course of Events

- User issues "View shipment notes" order with the above data
- System validates data .
- System retrieves the records of notes corresponding to <subscriber-id> and <shipment-id>
- System returns an array of notes corresponding to this shipment.

View shipment note

## Data

<subscriber-id>, <shipment-id>, <note-id>

## Main Course of Events

- User issues "View shipment note" order with the above data
- System validates data .
- System retrieves the note record corresponding to <subscriber-id>, <shipment-id> and <note-id>
- System returns a note corresponding to this shipment.

View wine notes

## Data

<subscriber-id>, <wine-id>

## Main Course of Events

- User issues "View wine notes" order with the above data
- System validates data .
- System retrieves the records of notes corresponding to <subscriber-id> and <wine-id>
- System returns an array of notes corresponding to this wine.

View wine note

## Data

<subscriber-id>, <wine-id>, <note-id>

## Main Course of Events

- User issues "View wine note" order with the above data
- System validates data .
- System retrieves the note record corresponding to <subscriber-id>, <wine-id> and <note-id>
- System returns a note corresponding to this wine.

Create shipment note

## Data

<subscriber-id>, <shipment-id>, <note-m>

## Main Course of Events

- User issues "Create shipment note" order with the above data
- System validates data .
- System creates a record for the note in this shipment and assigns a note-id to it
- .
- System returns note-id to user of this shipment

Create wine note

## Data

<subscriber-id>, <wine-id>, <note-m>

## Main Course of Events

- User issues "Create wine note" order with the above data
- System validates data .
- System creates a record for the note in this wine and assigns a note-id to it .
- System returns note-id to user of this wine

#### Modify shipment note

##### Data

<subscriber-id>, <shipment-id>,<note-id>,<note-m>

##### Main Course of Events

- User issues "Modify shipment note" order with the above data
- System validates data
- System retrieves the record corresponding to <subscriber-id>, <shipment-id> and <note-id>
- System replaces existing shipment note data with the new data corresponding to this note-id

#### Modify wine note

##### Data

<subscriber-id>, <wine-id>,<note-id>,<note-m>

##### Main Course of Events

- User issues "Modify wine note" order with the above data
- System validates data
- System retrieves the record corresponding to <subscriber-id>, <wine-id> and <note-id>
- System replaces existing wine note data with the new data corresponding to this note-id

#### Delete shipment note

##### Data

<subscriber-id>, <shipment-id>,<note-id>

##### Main Course of Events

- User issues "Delete shipment note" order with the above data
- System validates data
- System retrieves the record corresponding to <subscriber-id>, <shipment-id> and <note-id>
- System removes existing shipment note data corresponding to this note-id

#### Delete wine note

##### Data

<subscriber-id>, <wine-id>,<note-id>

##### Main Course of Events

- User issues "Delete wine note" order with the above data
- System validates data

- System retrieves the record corresponding to <subscriber-id>, <wine-id> and <note-id>
- System removes existing wine note data corresponding to this note-id

#### View subscriber wine

Data

<subscriber-id>,<wine-id>

#### Main Course of Events

- User issues "View subscriber wine" order with the above data
- System validates data .
- System retrieves the records of notes corresponding to <subscriber-id> and <wine-id>
- System returns a detailed description of wine corresponding to this wine-id.

#### View wines

Data

<subscriber-id>

#### Main Course of Events

- User issues "View wines" order with the above data
- System validates data .
- System retrieves the records of notes corresponding to <subscriber-id>
- System returns an array of wines corresponding to this subscriber-id.

#### View detailed wine

Data

<wine-id>

#### Main Course of Events

- User issues "View detailed wine" order with the above data
- System validates data .
- System retrieves the records of notes corresponding to <wine-id>
- System returns a detailed description of wine corresponding to this wine-id.

#### View wine ranking

Data

<subscriber-id>,<wine-id>

#### Main Course of Events

- User issues "View wine ranking" order with the above data
- System validates data .
- System retrieves the records of notes corresponding to <subscriber-id> and <wine-id>
- System returns the ranking of the wine corresponding to this wine-id.

Create wine ranking

Data

<subscriber-id>,<wine-id>

Main Course of Events

- User issues “Add wine ranking” order with the above data
- System validates data .
- System retrieves the record of notes corresponding to <subscriber-id> and <wine-id>
- System add a new the rank to the wine corresponding to this wine-id.

**ADMIN**Create account

Data

&lt;name-n&gt;

Main Course of Events

- User issues "Create Account" order with the above data.
- System validates data .
- System creates a record for the admin and assigns a admin-id to it .
- System returns admin-id to user

View account

Data

&lt;admin-id&gt;

Main Course of Events

- User issues "View Account" order with the above data
- System validates data
- System retrieves the record corresponding to <admin-id>
- System returns detailed information from the record retrieved

View accounts

Data

Main Course of Events

- User issues "View Account" order with the above data
- System validates data
- System retrieves the records corresponding to admins list
- System returns information from the records retrieved

Modify account

Data

&lt;admin-id&gt;, &lt;name&gt;

Main Course of Events

- User issues "Modify Account" order with the above data
- System validates data
- System retrieves the record corresponding to <admin-id>
- System replaces existing customer data with the new data

View revenue

Data

Main Course of Events

- User issues "View revenue" order with the above data
- System validates data
- System retrieves the records corresponding to shipments in order to know which is the total revenue



- System returns total revenue information from the records retrieved

#### View period revenue

Data

<start-date>, <end-date>

Main Course of Events

- User issues "View period revenue" order with the above data
- System validates data
- System retrieves the records corresponding to shipments in order to know which is the total revenue
- System returns total revenue information within the period specified by start date and end date from the records retrieved

#### Create monthly selection

Data

<monthly-selection-type>, <monthly-selection-date>, <monthly-selection-file>

Main Course of Events

- User issues "Create monthly selection" order with the above data.
- System validates data .
- System creates a record for the monthly selection and assigns a monthlySelection-id to it .

#### View monthly selection

Data

<monthlySelection-id>

Main Course of Events

- User issues "View monthly selection" order with the above data
- System validates data
- System retrieves the records corresponding to monthly selection in order to to print the specified by monthly selection id
- System returns the monthly selection information from the records retrieved

#### View monthly selections

Data

Main Course of Events

- User issues "View monthly selections" order with the above data
- System validates data
- System retrieves the records corresponding to monthly selection
- System returns the monthly selections information from the records retrieved

### **DELIVERY PARTNER**

View subscribers to deliver

## Data

## Main Course of Events

- User issues "View subscriber to deliver" order with the above data
- System validates data
- System retrieves the record corresponding to subscribers list.
- System returns the information that the delivery partner needs to know which are list of subscribers that require a delivery from the record retrieved.

Create receipt

## Data

<shipment-id>, <receiver's age>, <receiver's name>

## Main Course of Events

- User issues "Create receipt" order with the above data.
- System validates data .
- System creates a record for the receipt and assigns a receipt-id to it .
- System returns receipt-id to user

View receipt

## Data

<receipt-id>

## Main Course of Events

- User issues "View receipt" order with the above data
- System validates data
- System retrieves the records corresponding to receipt-id from receipts list
- System returns the receipt information from the records retrieved

View receipts

## Data

## Main Course of Events

- User issues "View receipts" order with the above data
- System validates data
- System retrieves the records from receipts list
- System returns all the receipts information from the records retrieved