**Uses Cases**

**Subscriber Class:**

**1. Add Subscriber:** This Use-Case adds new Subscriber with all his/her personal details.

**Command:**

java vin subscriber add -n <name> -e <email> -a <address> -c <city> -s <state> -z <zip> -h <phone> [ -f <facebook> ] [ -t <twitter> ]

**Example:**

java vin subscriber add -n shouvik -e shouvik@example.com -a 2951 south king drive -c chicago -s illinois -z 60616 -h 3126470594

**2. Modify Subscriber:** This Use-Case modifies the details of the given UID.

**NOTE:** Subscriber’s Address cannot be modified as per the given requirement.

**Command:**

java vin subscriber modify -uid <ID> [ -n <name> ] [ -e <email> ] [ -h phone ] [ -f <facebook> ] [ -t <twitter> ]

**Example:**

java vin subscriber modify -uid 1 -n shouvik dutta -f shouvik.dutta

**3. View Subscriber:** This Use-Case helps in viewing the details of the given UID.

**Command:**

java vin subscriber view -uid <ID>

**Example:**

java vin subscriber view -uid 5

**4. Load Subscriber(s):** This Use-Case reads the subscriber(s) XML and adds in Subscriber List.

**Command:**

java vin subscriber load -f <file>

**Example:**

java vin subscriber load -f ..\subscribers.xml

**5. Change Mix:** This Use-Case allows the Subscriber to change his/her wine mix.

**Command:**

java vin subscriber changemix -uid <ID> -wt <wintype>

**Example:**

java vin subscriber changemix -uid 5 -wt AR

**6. Search Subscriber(s):** With the help of this Use-Case we can search the details of a Subscriber.

**Command:**

java vin subscriber search -uid <ID> [-wt <winetype>]

**Note:**

The command in square brackets( [] ) is optional.

**Example:**

java vin subscriber search -uid 10

**Admin Class:**

1. **Add Admin:** This Use-Case allows us to add an Admin.

**Command:**

java vin admin add -n <name>

**Example:**

java vin admin add -n default name

**2.** **View Admin:** ThisUse-Case allows us to view the Admin details.

**Command:**

java vin admin view -aid <ID>

**Example:**

java vin admin view -aid 7

**3. Modify Admin:** This Use-Case allows us to modify the Admin name.

**Command:**

java vin admin modify -aid <ID> -n <name>

**Example:**

java vin admin modify -aid 7 -n admin

**4. Add Monthly Selection:** This Use-Case provides the User(s) with the wine mixes available for the next month.

**Command:**

java vin admin add\_monthly\_selection -aid <ID> -wt <winetype> -ym <yyyy-mm> -f <filename>

**Example:**

java vin admin add\_monthly\_selection -aid 7 -wt AR -ym 2015-04 -f ..\winelist\_april2015.xml

**5. View Monthly Selection:** This Use-Case gives us the view of the Monthly Selection.

**Command:**

java vin admin view\_monthly\_selection [-id <MonthlySelectionID>]

**Note:**

The command in square brackets( [] ) is optional.

**Example:**

java vin admin view\_monthly\_selection

java vin admin view\_monthly\_selection -8

**6. Revenue:** This Use-Case provides the revenue i.e. the amount of money incurred from the start date till the preset date if the Dates are mentioned.

**Command:**

java vin admin revenue [-s <yyyymmdd>] [-e <yyyymmdd>]

**Note:**

The command in square brackets( [] ) is optional.

**Example:**

java vin admin revenue

java vin admin revenue -s 20150427

**Shipment Class:**

**1. View:** This Use-Case provides the details of the Shipments based on a Subscriber or a shipment. It gives all the details such as Undelivered shipments or Cancelled shipments, etc.

**Command:**

java vin Shipments view -uid <ID> [-sid <Shipment ID>]

**Note:**

The command in square brackets( [] ) is optional.

**Example:**

java vin shipments view -uid 10

java vin shipments view -uid 10 -sid 11

1. **Cancel:** This Use-Case provides the details of the Shipments that are

cancelled or undelivered for a particular Subscriber.

**Command:**

java vin shipments cancel -uid <ID> -sid <Shipment ID>

**Example:**

java vin shipments cancel -uid 10 -sid 11

**Wines Class:**

**1. View:** This Use-Case provides the details of a particular wine given the WID.

**Command:**

java vin wines view -wid <Wine ID>

**Example:**

java vin wines view -wid 3

**2. Rate:** This Use-Case allows the Subscriber to rate a wine.

**Command:**

java vin wines rate -uid <ID> -wid <wine ID> -r <rating> (Rating values from 1 to 10)

**Example:**

java vin wines rate -uid 10 -wid 4 -r 7

**Delivery Class:**

**1. View:** This Use-Case provides the details of Delivery such as the date and time of delivery given a UID.

**Command:**

java vin delivery view -uid <ID>

**Example:**

java vin delivery view -uid 10

**Notes Class:**

**1. View:** This Use-Case allows us to view the details based on a UID or WID, etc.

**Command:**

java vin notes view -uid <ID> [-wid <Wine ID> OR -sid <Shipment ID> OR -nid<Node ID>]

**Note:**

The command in square brackets( [] ) is optional.

**Example:**

java vin notes view -uid 1

java vin notes view -uid 1 -wid 6

**2. Add:** This Use-Case add’s notes to a particular UID or WID, etc.

**Command:**

java vin notes add -uid <ID> [-sid <Shipment ID> OR -wid <Wine ID>] -c <NOTE>

**Note:**

The command in square brackets( [] ) is optional.

**Example:**

java vin notes add -uid 8 -wid 2 -c This wine was too good.

java vin notes add -uid 8 -sid 11 -c All wines in this shipment were not that great.

1. **Modify:** This Use-Case allows the Subscriber to modify a Note.

**Command:**

java vin notes modify -uid <ID> -nid <Node ID> -c <Note>

**Example:**

java vin notes modify -uid 1 -nid 13 -c Pretty good wine.

1. **Delete:** This Use-Case allows the Subscriber to delete a Note.

**Command:**

java vin notes delete -uid <ID> -nid<Node ID>

**Example:**

java vin notes delete -uid 1 -nid 13

**Partner Class:**

**1. Subscriber\_list:** This Use-Case provides the details of the Subscriber for whom the shipment was not delivered.

**Command:**

java vin partner subscriber\_list

**2. add\_receipt:** This Use-Case allows to add a receipt for a given SID with the Receiver name.

**Command:**

java vin partner add\_receipt -sid <shipment ID> -n <Receiver Name>

**Example:**

java vin partner add\_receipt -sid 12 -n Thomas

**3. view\_receipt:** This Use-Case allows to view the receipt.

**Command:**

java vin partner view\_receipt [-rid <receipt ID>]

**Example:**

java vin partner view\_receipt

java vin partner view\_receipt -rid 15

**Process Steps**

ADMIN :

* Create Admin for System with proper details
* View the Admin details
* Modify Admin details if it is wrongly entered or something is missing.
* Admin add monthly selection for wine mixes which are available for next month
* View Monthly selection of wine mixes already entered
* See the total Revenue of system till the present date by default or between a range of dates if start and end date are provided.

SUBSCRIBER :

* Adds new Subscriber with all his/her personal details.
* Modifies the details of the given User ID.
* viewing the details of the given User ID
* Load the Subscriber List from XML files.
* Subscriber change his/her wine mixes.
* Search the details of Subscriber.

WINE :

* Subscriber see the details of particular wine with Wine ID (WID).
* Subscriber rates the wine in terms of points from 1 to 10. (10 is the Best and 1 is Worst)

SHIPMENT :

* Subscriber can see the details of shipment made by him/her. Shipment details such as undelivered, delivered or cancelled Shipment.
* Subscriber can cancel the shipment if shipment is in undelivered status. If it is already delivered then it throws an error.

PARTNER :

* Partner can see the details of Subscriber for whom the shipment is in undelivered state.
* Add a receipt for a undelivered shipment when it gets delivered. While adding receipt we capture receivers name.
* View the all receipts by default or a particular receipt if a receipt id is provided.

DELIVERY :

* Subscriber can see the details of Delivery such as the day of week and time of delivery based on his UID.

NOTE :

* View all notes as default based on a specific UID. We can also view the notes based on wine (WID) written by user (UID) or we can view the notes of shipment (SID) written by user (UID).
* User(UID) can write the notes to particular wine (WID) or user can write the notes to whole shipment of wines.
* Subscriber can modify the notes already written by him/her.
* Subscriber can delete his/her notes by providing a specific node ID.