

Actors

Subscriber  
Delivery partner  
Delivery employee  
Club owner  
Customer service employee

## Use Cases

### Subscriber

- "Create account"
- "Modify account"
- "Change wine mix"
- "Preview selection"
- "View delivery history"
- "Add delivery note"
- "Rate wine"
- "View wine detail"
- "Change delivery day"
- "Change delivery size"

## 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:

<name>,<street-name>,<city>,<state>,<zip-code>,<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
- System replaces existing customer data with the new data
- System returns success or failure to user

Exception Course:

- System delivers error message to user

## Change wine mix

Data:

<account-id>, <order-number>, <wine-type>

Main Course of Events:

- User submits the type of wine they want
- System validates data
- System retrieves user order
- System updates order
- System returns success or failure to user

Exception Course:

System delivers error message to user

## Preview selection

Data:

<month>

Main Course of Events:

- user request to preview selection with data above(month)
- system retrieves selection for month requested
- system returns success if selection for month requested is present

Exception Course:

system outputs message that selection preview is not available

## View delivery history

Data:

<account-id>

Main Course of Events:

- user request history with above data
- system validates that user can see data
- system returns shipments info
- system outputs success or failure

Exception Course:

system outputs error message if account cannot be validate, empty array if no data found

## Add delivery note

Data:

<account-id>, <order-id>, <message>

Main Course of Events:

- user submits data above
- system validates data
- system adds note
- system returns success or failure

Exception Course:

system outputs error message



## Rate wine

Data:

<account-id>, <wine-id>, <number-stars>

Main Course of Events:

- user submits above data
- system locates wine and rating for account
- system update the information
- system outputs success or failure

Exception Course:

system outputs error message

## View wine detail

Data:

<wine-id>

Main Course of Events:

- user submits request with above data
- system returns detail of wine matching given id
- outputs success or failure

Exception Course:

outputs error message

## Change delivery day

Data: <account-id>, <delivery-id>, <date>

Main Course of Events:

- user submits request with data above
- system validates that information is valid and new date is valid
- system updates information
- system outputs success or failure

Exception Course:

system outputs error message

## Change delivery size

Data:

<account-id>, <order-number>, <wine-size>

Main Course of Events:

- User submits new amount of wine
- System validates data
- System retrieves user order
- System updates order
- System returns success or failure to user

Exception Course:

system outputs error message

Delivery partner

“List Deliveries”

## List Deliveries

Data:

<month>

Main Course of Events:

- user submits month
- system retrieves list of deliveries for month entered
- system return success or failure

Exception Course:

system outputs error message

Delivery employee

“Mark Delivered”

## Mark Delivered

Data:

<delivery-id>, <delivery-status>

Main Course of Events:

- user submits above information
- system validates info
- system updates status of delivery
- system returns success or failure

Exception Course:

system outputs error message



Club owner

“Change Wine Selection”

“Change price”

“Get Subscribers”

“Get Cancellations”

“Get Revenue”

## Change Wine Selection

Data:

<month>, <selection-id>, <wine-list>

Main Course of Events:

- user submits data
- system validates and updates data
- system returns success or failure

Exception Course:

system outputs error message

## Change price

Data:

<wine-id>, <price>

Main Course of Events:

- user submits above data
- system updates information
- system returns success or failure

Exception Course:

system outputs error message

## Get Subscribers

Data:

Main Course of Events:

- user request subscriber list
- system returns list of subscribers
- systems returns success or failure

Exception Course:

system outputs error message

## Get Cancellations

Data:

Main Course of Events:

Exception Course:

## Get Revenue

Data:

Main Course of Events:

Exception Course:

Customer service employee

“Search Account”

“View customer service info”

## Search Account

Data:

<name>, <address>

Main Course of Events:

- user enters query with above information
- system retrieves accounts that match info

Exception Course:

system outputs error message if nothing is found



## View customer service info

Data:

<account-id>

Main Course of Events:

- user enters above info
- system retrieves list of customer service activity associated with id

Exception Course:

system outputs error message