(Java doc is in doc folder under package summary)

Starting the system

* Make sure csv file is closed before running the program
* To start the application run the run file.
* Chose what star hotel you want to stay at.
* Once the program has started enter “on” into the terminal.
* Then chose which type of user you are A) Guest, B) Hotel Desk Personnel, C) Supervisors or alternatively D) to exit.
* If Guest is chosen you will get a choice between booking.
  + A) Booking
  + B) Make Payment
  + C) Log Out
* If Hotel Desk Personnel is chosen you will need to first log in with one of the four pre made users accounts by entering the given username and password.
  + You will then have a choice between
    - A) Booking
    - B) Find Reservation
    - C) Cancellation
    - D) Refund
    - E) Make Payment
    - F) Log Out
* If Supervisors is chosen you will need to log in with the pre made supervisor account by entering the given username and password.
  + You will then have a choice between
    - A) Booking
    - B) Find Reservation
    - C) Cancellation
    - D) Refund
    - E) Make Payment
    - F) Apply Discount
    - G) Analytics
    - H) Add Hotel Desk Personnel
    - I) Remove Hotel Desk Personnel
    - J) Add Supervisor
    - K) Remove Supervisor
    - L) Log Out

Using the Features

1. Booking

* Enter the name to place the reservation under
* You will then get a choice of
  + A) Standard
  + B) Advanced Purchase
* Then enter the check in date in a format of dd/mm/yyyy.
* Enter the number of nights you want to stay.
* Followed up by the number of rooms you want.
* Then go through the next three steeps for each room you want to book
  + Chose which type of room you want between
    - A) Classic Single
    - B) Classic Twin
    - C) Classic Double
  + Chose whether you would like breakfast or not
    - A) Yes
    - B) No
  + Chose how much of the bill you would like to pay now
* Enter your card number
* Enter your cvc number
* Enter your card expiry date

1. Make Payment

* If you are logged in as a guest.
  + Enter a reservation number.
  + Type in the amount you would like to pay or type “Exit” to go back to the menu.
  + In order to pay enter your card number
  + Enter your cvc number
  + Enter your card expiry date
* If you are logged in as a Hotel Desk Personal or a Supervisor
  + Enter a reservation number.
  + Type in the amount you would like to pay or type “Exit” to go back to the menu.
  + Choose your payment type
    - A) Card
    - B) Cash
  + Chose if the amount is correct
    - A) Yes
    - B) No

1. Cancellation

* Enter a reservation number.
* Chose if you want to cancel or not with
  + A) Yes
  + B) No
  + C) Exit

1. Refund

* Enter a reservation number

1. Find Reservation

* Enter a reservation number

1. Apply discount

* Choose between
  + A) Percentage
  + B) Amount
  + C) Exit
* Enter a reservation number
* If percentage is chosen chose a number between 0 and 100
* If amount if chosen enter a number that is less than the balance owed

1. Analytics

* Enter the date you want to start the analysis from
* Enter the date you want the analysis to go to

1. Add Hotel Desk Personnel

* Enter the new personnel’s name
* Enter a unique user name for the personnel
* Enter a password for the personnel’s account

1. Remove Hotel Desk Personnel

* Enter the username of an existing Hotel Desk Personnel
* Chose whether to remove them or not
  + A) Yes
  + B) No
  + C) Exit

1. Add Supervisor

* Enter the new personnel’s name
* Enter a unique user name for the personnel
* Enter a password for the personnel’s account

1. Remove Supervisor

* Enter the username of an existing Hotel Desk Personnel
* Choose whether to remove them or not
  + A) Yes
  + B) No
  + C) Exit

1. Log Out

* Logs user out