

User Manual

This is an Car Purchase Advisor System. The system will display a welcome message “Welcome to Car Purchase Advisor System!” when user enter this system.

1. Menu

Menu

- a) Look for the nearest car retailer
- b) Get car purchase advice
- c) Place a car order
- d) Exit

1.1 a) Look for the nearest car retailer

User can get the nearest Car Retailer’s name by entering their postcode, the system will check if the postcode is valid, if not, will display an error message and user has to re-enter their postcode.

1.2 b) Get car purchase advice

When user choose option b), the system will display all the Car retailer information, including retailer basic infomation and stock infomation relatively. Then the system will ask the user to select a Car Retailer by retailer ID, and the system will validate the user input, if the input is not an 8-digit integer and the retailer and car are not in the system, the system will display error messages. After validation, the system will display only the chosen Car Retailer’s information, and the user can continue to select their option as follow:

Options:

- i) Recommend a car
- ii) Get all cars in stock
- iii) Get cars in stock by car types
- iv) Get probationary licence permitted cars in stock

The system will first check if the selected option is valid, if valid, user will be displayed the chosen option, instead of error message.

1.2.1 i) Recommend a car

User can get a recommended car from the chosen Car Retailer stock, the system will display the car information.

1.2.2 ii) Get all cars in stock

The system displays all the car information from the chosen Car Retailer stock.

1.2.3 iii) Get cars in stock by car types

The system displays all the car information based on car type from the chosen Car Retailer stock.

1.2.4 iv) Get probationary licence permitted cars in stock

The system displays all the valid car information which are not prohibited vehicle for probationary licence drivers from the chosen Car Retailer stock.

1.3 c) Place a car order

When user decides to place an order, the system will ask the user to enter the Car Retailer ID and car code, if the Car Retailer is open for business, and the user input is valid, the order will be placed successfully. Otherwise, the system will display error message.

1.4 d) Exit

User can choose to exit the system. The system will display a message: “Thank you for using our system! ”