

# FIT9136 Assignment 2

## USER MANUAL

When main.py runs it internally first generates the test data and writes that data in stock.txt and the main menu is displayed.

1) Look for the nearest car retailer

2) Get car purchase advice

3) Place a car order

4) Exit

- when user selects option **1** : then user is prompted to **insert 4-digit** postcode and it displays the nearest retailer based on the absolute difference .
- when user selects option **2**: First all the available car retailers are displayed and prompts the users to enter **one 8-digit** retailer id from above to continue the advising process. Then show a sub-menu with the following options[1,2,3,4,5]:
  - 1) Recommend a car
  - 2) Get all cars in stock
  - 3) Get cars in stock by car types
  - 4) Get probationary licence permitted cars in stock
  - 5) Exit the sub menu
- 1. The option **1**, will randomly select one car from the current stock of the car retailer and displays it.
- 2. The option **2**, will display all cars from the current stock of the car retailer
- 3. The option **3**, will ask the user to **enter the car types separated by a space**. Then based on the entered values its displays the corresponding car details.
- 4. The option **4**, will ask the user to **enter the a particular string from[P,L,Full]** licence types and displays the cars according to the license type and specification.
- 5. The option **5**, will exit from the sub menu and goes to main menu .
- When user selects option **3**: user is required to enter the retailer ID and the car ID from the **user separated by a single space**. Before placing the order, the program checks whether the current time is within the business hours of the target retailer. If not, an order should will not be created and a message is prompted to the user. In valid cases, an order is created and stored in "order.txt" and the order details are printed to the user.
- When user selects option **4**: Exits the program .