

HOMEWORK-1 REPORT

SYSTEM REQUIREMENT

User can choose 4 different user type. These are :

- 1- Admin
- 2- Branch Employee
- 3- Transportation Personnel
- 4- Customer

If user choose admin , user have to enter password (There is 1 default admin, password is cse222). Admin can add and remove branch or add and remove branch employee or add or remove transportation personnel . If there are no branch or branch employee or transportation personnel and user choose remove options , program will warn you. That's why admin have to choose add option before remove option. If you return main menu you have to enter password again for select admin.

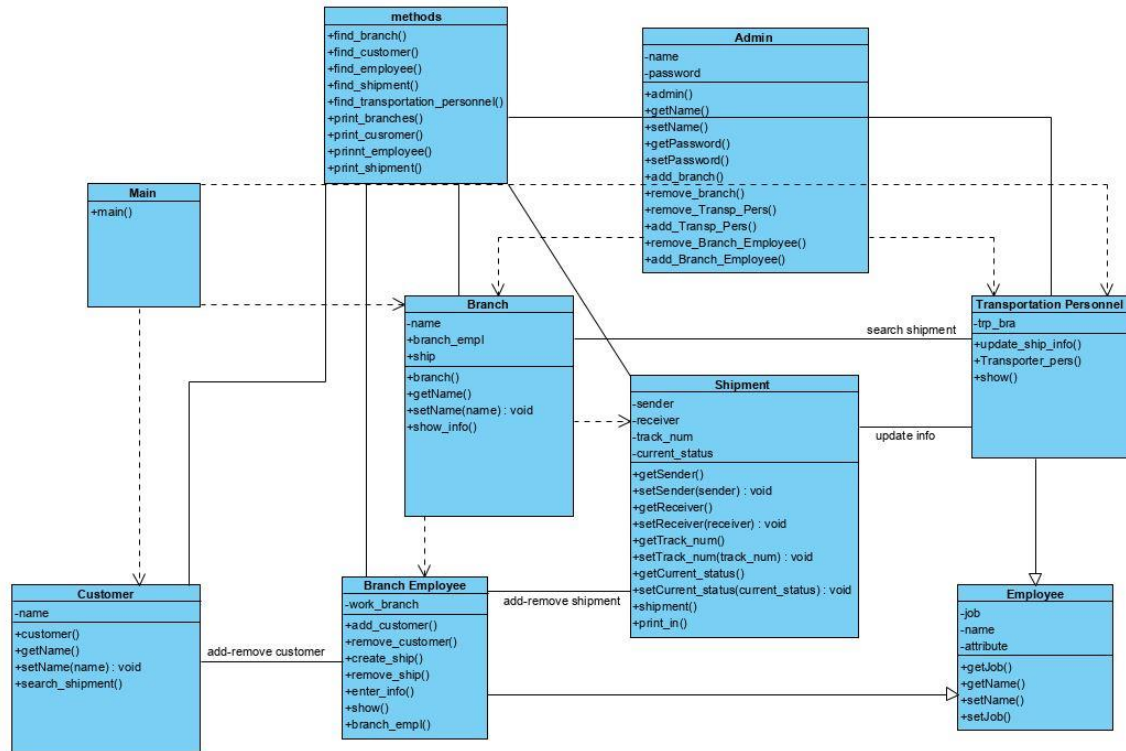
If user choose branch employee , user have to first enter employee's work branch then employee's name. If there is no branch or employee, program will warn you. Branch employee can create or remove customer and enter shipment or remove shipment or update shipment status . If there is no shipment or customer and employee choose remove or update option program warn you.

If user choose transportation personnel , user have to enter personnel name. Transportation personnel can only update shipment current status.

If user choose customer , user have to enter customer name. Customer enter shipment tracking number than can see shipment information.

Program will print information about operation result when operation end and it will warn user if user enter wrong input.

CLASS DIAGRAM



TEST CASES

Case-1

User choose admin and enter password than choose add branch.

```

PS C:\Users\cse222\Desktop\hw1\hw1> javac src\hw1/*.java
PS C:\Users\cse222\Desktop\hw1\hw1> java -cp ./src hw1.main
----- WELCOME GTU CARGO -----
Enter User Profile Number
1-Admin
2-Branch Employee
3-Transporter Personnel
4-Customer
5-Exit
1
Welcome Admin
Enter Password :cse222
Enter Transaction Number
1-Add Branch
2-Remove Branch
3-Add Branch Employee
4-Remove Branch Employee
5-Add Transportation Personnel
6-Remove Transportation Personnel
7-Return Main Menu
1
Enter Branch Name :gebze
Branch Name : gebze
Employee Number : 0
Shipment Number : 0
Employees :
-----
Enter Transaction Number
1-Add Branch
2-Remove Branch
3-Add Branch Employee
4-Remove Branch Employee
5-Add Transportation Personnel
6-Remove Transportation Personnel
7-Return Main Menu

```

Case-2

Admin choose add transportation personnel.

```
Enter Transaction Number
1-Add Branch
2-Remove Branch
3-Add Branch Employee
4-Remove Branch Employee
5-Add Transportation Personnel
6-Remove Transportation Personnel
7-Return Main Menu
5
Enter Transportation Personnel Name :Oguzhan
Branch Employees :
Employee Name :ali
Employee Job :branch_emp
work branch :gebze
Transportation Employees :
Employee Name :Oguzhan
Employee Job :transporter
Enter Transaction Number
```

Case-3

User choose branch employee and enter his/her name than add shipment.

```
Enter the name of the branch where you work : gebze
Enter your name : ali
Enter Transaction Number
1-Create Shipment
2-Change Shipment Info
3-Remove Info
4-Create Customer
5-Remove Customer
6-Return Main Menu
1
Enter Sender : ayse
Enter Receiver : fatma
Enter Tracking Number : 53
Enter Status : in_brach
Receiver :fatma
Sender :ayse
Status :in_brach
Tracking Number :53
=====
```

Case-4

User choose transportation personnel and enter his/her name than update shipment info.

```
5
Enter Your Name : Oguzhan
Enter Transaction Number
1-Change Shipment Info
2-Return Main Menu
1
Enter Tracking Number : 53
Enter Shipment Status : delivered
Receiver :fatma
Sender :ayse
Status :delivered
Tracking Number :53
Enter Transaction Number
1-Change Shipment Info
2-Return Main Menu
```

Case-5

User choose customer and enter his/her name than choose search shipment info but enter wrong tracking number.

```
Enter Your Name : hasan
Enter Transaction Number
1-Search Shipment Info
2-Return Main Menu
1
Enter Tracking Number : 34
-----There is no this number shipment !-----
Enter Transaction Number
1-Search Shipment Info
2-Return Main Menu
```

Javadoc file name is index.html. There is in the doc file.

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