

**GIT Department of Computer
Engineering
CSE 222/505 - Spring 2020
Homework #1 Report**

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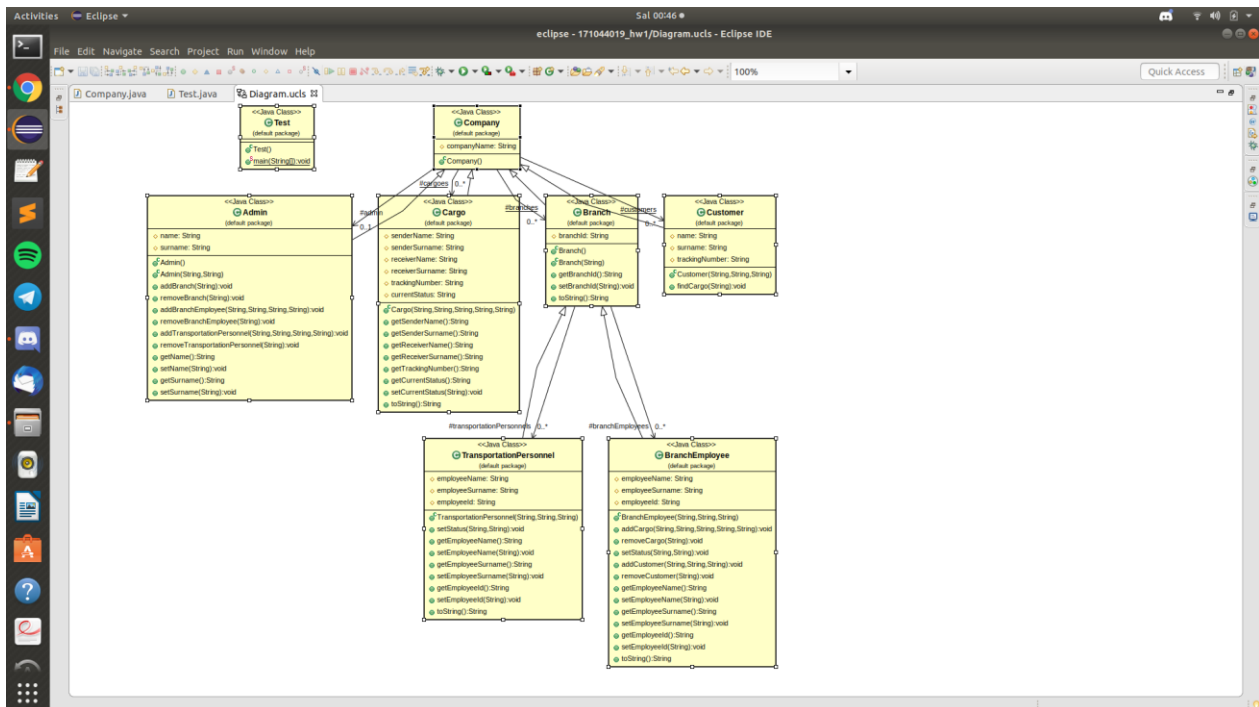
1. SYSTEM REQUIREMENTS

There is a need for keep the informations. Informations are branches,cargoes and customers. So I created arrays for that informations in that class. Some users can add and remove this infos.So I created sub class from that super class which keeps the information. After that, we have to fill this classes also that can make some operations like add and remove. Simply all the requirements are made up of these.

2. USE CASE DIAGRAMS

There is no user.

3. CLASS DIAGRAMS



5. PROBLEM SOLUTION APPROACH

There is a need for keep the informations. Informations are branches,cargoes and customers. So I created arrays for that informations in that class. .The customer class keeps the name,surname and tracking number.It also extends by Company.The Cargo keeps the sender and receiver names,status and tracking number.Branch class is the super class of branch employee and transportation personnel.So it holds the array of that employees. Branch employee can add and remove customer and Cargo.Also branch employees can set the status.Transportation employee can just set status of cargos.So firstly, we have to create a class which keeps the informations (branches,cargoes,and customers).And then to add branches and employees, I create admin.After that, I add branches,add employees and remove.Then, I added customers and cargos.These are my problem solution.

6. TEST CASES

Add Company : I write that beginning of the test class

Add Admin : I added after the company.

Add Branch : After the admin, I added employees.

Remove Branch : This removes the branches from arrays.

Remove Employee : This method removes the branch employee and transportation employee.

Add Cargo : Add cargos to array.

Remove Cargo : Remove cargos from array.

Add Customer : Add customers to customer array which use the branch employees

Remove Customer : Remove customers from customer array which use the branch employees

7. RUNNING AND RESULTS

These are the add functions.My remove functions don't work.

