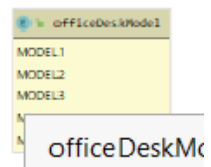
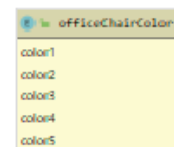
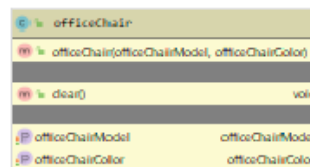
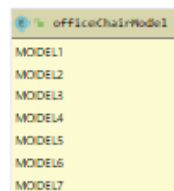
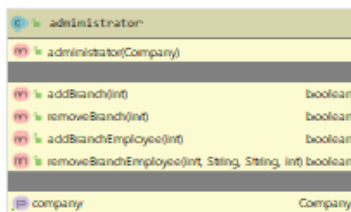
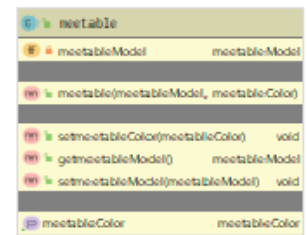
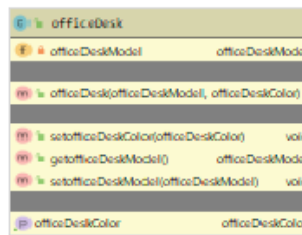
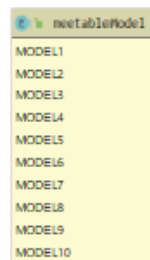
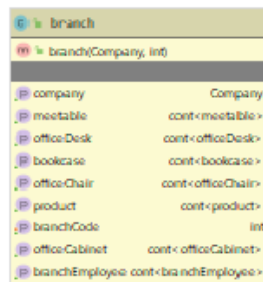
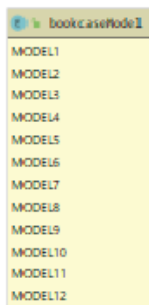
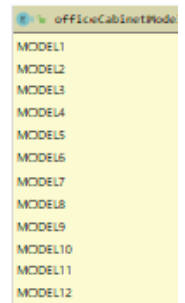
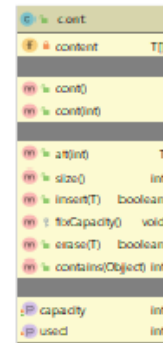
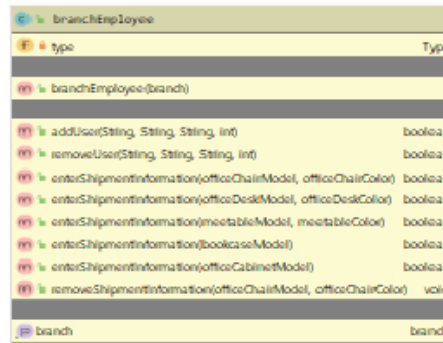
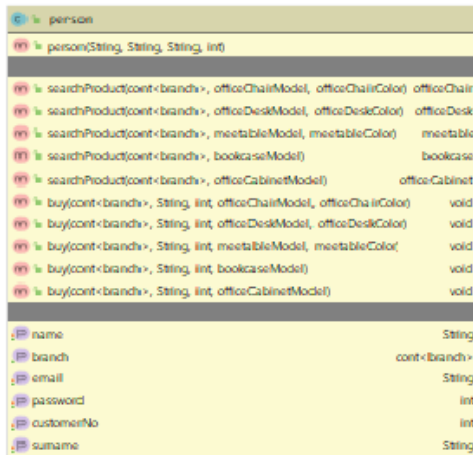


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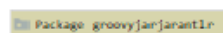
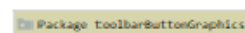
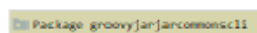
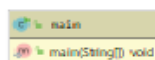
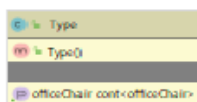
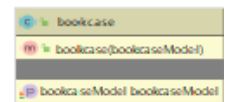
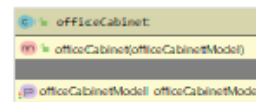
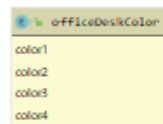
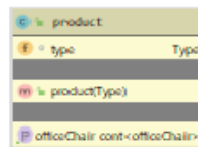
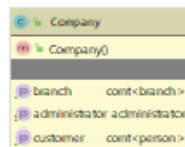
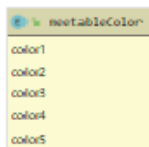
***Refik Orkun Arslan***

***151044063***

# USE CASE AND CLASS DIAGRAMS



officeDeskModel



# PROBLEM SOLUTION APPROACH

The job to be done by the manager is different, the job to be done by the customer is different. The work to be done by the employee is different, so they should only do the work they will do by themselves. Manager's job is a must if the customer does. Because of this, privacy and security are important

## Test Case

```
Company company=new Company();
administrator admin=new administrator(company);
company.setAdministrator(admin);
company.getAdministrator().addBranch( branchCode: 0);
company.getAdministrator().addBranch( branchCode: 1);
company.getAdministrator().addBranch( branchCode: 2);
company.getAdministrator().addBranch( branchCode: 3);

company.getAdministrator().addBranchEmployee( branchCode: 0);
company.getAdministrator().addBranchEmployee( branchCode: 0);
company.getAdministrator().addBranchEmployee( branchCode: 1);
company.getAdministrator().addBranchEmployee( branchCode: 2);
company.getAdministrator().addBranchEmployee( branchCode: 2);
company.getAdministrator().addBranchEmployee( branchCode: 2);
company.getAdministrator().addBranchEmployee( branchCode: 3);
company.getAdministrator().addBranchEmployee( branchCode: 3);

company.getBranch().at( index: 0).getBranchEmployee().at( index: 0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
company.getBranch().at( index: 0).getBranchEmployee().at( index: 0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
company.getBranch().at( index: 0).getBranchEmployee().at( index: 1).enterShipmentInformation(meetableModel.MODEL1,meetableColor.color4);
company.getBranch().at( index: 0).getBranchEmployee().at( index: 1).enterShipmentInformation(bookcaseModel.MODEL1);

company.getBranch().at( index: 1).getBranchEmployee().at( index: 0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
company.getBranch().at( index: 1).getBranchEmployee().at( index: 0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
company.getBranch().at( index: 1).getBranchEmployee().at( index: 0).enterShipmentInformation(meetableModel.MODEL1,meetableColor.color4);
company.getBranch().at( index: 1).getBranchEmployee().at( index: 0).enterShipmentInformation(bookcaseModel.MODEL1);

company.getBranch().at( index: 2).getBranchEmployee().at( index: 0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
company.getBranch().at( index: 2).getBranchEmployee().at( index: 0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
company.getBranch().at( index: 2).getBranchEmployee().at( index: 1).enterShipmentInformation(meetableModel.MODEL1,meetableColor.color4);
company.getBranch().at( index: 2).getBranchEmployee().at( index: 1).enterShipmentInformation(bookcaseModel.MODEL1);

company.getBranch().at( index: 3).getBranchEmployee().at( index: 0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
company.getBranch().at( index: 3).getBranchEmployee().at( index: 0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
company.getBranch().at( index: 3).getBranchEmployee().at( index: 1).enterShipmentInformation(meetableModel.MODEL1,meetableColor.color4);
company.getBranch().at( index: 3).getBranchEmployee().at( index: 1).enterShipmentInformation(bookcaseModel.MODEL1);

company.getBranch().at( index: 0).getBranchEmployee().at( index: 0).addUser( name: "orkun", surname: "arslan", email: "roa@gmail.com", password: 5858552);
company.getBranch().at( index: 0).getBranchEmployee().at( index: 0).addUser( name: "refik", surname: "arslan", email: "roa_05@gmail.com", password: 525254);

company.getCustomer().at( index: 0).searchProduct(company.getBranch(),officeChairModel.MODEL1,officeChairColor.color1);

company.getCustomer().at( index: 0).buy(company.getBranch(), Adres: "Adres", phone: 5355555,officeChairModel.MODEL1,officeChairColor.color1 );
```

# RUNNING AND RESULTS

```
Company company=new Company();
administrator admin=new administrator(company);
company.setAdministrator(admin);
company.getAdministrator().addBranch(0);
company.getAdministrator().addBranch(1);
company.getAdministrator().addBranch(2);
company.getAdministrator().addBranch(3);
```

*#create 4 branch*

```
company.getAdministrator().addBranchEmployee(0);
company.getAdministrator().addBranchEmployee(0);
company.getAdministrator().addBranchEmployee(1);
company.getAdministrator().addBranchEmployee(2);
company.getAdministrator().addBranchEmployee(2);
company.getAdministrator().addBranchEmployee(2);
company.getAdministrator().addBranchEmployee(3);
company.getAdministrator().addBranchEmployee(3);
```

*#create 2 branchemployee 0.branch*

*#create 1 branchemployee 1.branch*

```
company.getBranch().at(0).getBranchEmployee().at(0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
company.getBranch().at(0).getBranchEmployee().at(0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
company.getBranch().at(0).getBranchEmployee().at(1).enterShipmentInformation(meetableModel.MODEL1,meetableColor.color4);
company.getBranch().at(0).getBranchEmployee().at(1).enterShipmentInformation(bookcaseModel.MODEL1);
```

```
company.getBranch().at(1).getBranchEmployee().at(0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
```

```
company.getBranch().at(1).getBranchEmployee().at(0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
```

```
company.getBranch().at(1).getBranchEmployee().at(0).enterShipmentInformation(meetableModel.MODEL1,meetableColor.color4);
```

```
company.getBranch().at(1).getBranchEmployee().at(0).enterShipmentInformation(bookcaseModel.MODEL1);
```

```
company.getBranch().at(2).getBranchEmployee().at(0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
```

```
company.getBranch().at(2).getBranchEmployee().at(0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
```

```
company.getBranch().at(2).getBranchEmployee().at(1).enterShipmentInformation(meetableModel.MODEL1);
```

```
del.MODEL1,meetableColor.color4);
```

```
company.getBranch().at(2).getBranchEmployee().at(1).enterShipmentInformation(bookcaseModel.MODEL1);
```

```
company.getBranch().at(3).getBranchEmployee().at(0).enterShipmentInformation(officeChairModel.MODEL1,officeChairColor.color1);
```

```
company.getBranch().at(3).getBranchEmployee().at(0).enterShipmentInformation(officeDeskModel.MODEL2,officeDeskColor.color2);
```

```
company.getBranch().at(3).getBranchEmployee().at(1).enterShipmentInformation(meetableModel.MODEL1,meetableColor.color4);
```

```
company.getBranch().at(3).getBranchEmployee().at(1).enterShipmentInformation(bookcaseModel.MODEL1);
```

```
company.getBranch().at(0).getBranchEmployee().at(0).addUser("orkun","arslan","roa@gmail.com",5858552);
```

```
company.getBranch().at(0).getBranchEmployee().at(0).addUser("refik","arslan","roa_05@gmail.com",525254);
```

```
company.getCustomer().at(0).searchProduct(company.getBranch(),officeChairModel.MODEL1,officeChairColor.color1);
```

```
company.getCustomer().at(0).buy(company.getBranch(),"Adres",5355555,officeChairModel.MODEL1,officeChairColor.color1 );
```