|  |
| --- |
| Customer |
| -fullName: String  -identityCardNumber: String  -phoneNumber: String  -address: String […]  -services: Service […]  -payment: Bill |
| +receiveService(customer: Customer, employee: Employee, service: Service)  +pay(bill: Bill)  +selectService(service: Service) |

|  |
| --- |
| Employee |
| -id: int  -fullName: String  -age: int  -salary: double  -schedule: Schedule  -yearsOfExperience: int |
| +assist (custumer: Customer)  +provideService(service: Service, c C)  +assist(employee: Employee)  +chargeToCustomer (employee: Employee, customer: Customer) |

|  |
| --- |
| Schedule |
| -weekHoursOfWorking: double  -weekendHoursOfWorking: double  -holiDays: int  -workDays: int |
| +comply(schedule: Schedule)  -assistOfEmployee(schedule: Schedule, employee: Employee) |

|  |
| --- |
| Service |
| -nameService: String  -cost: double  -offers: Offer […] |
| +comply(service: Service, employee: Employee) |

|  |
| --- |
| Location |
| +mainStreetName: String  +secondaryStreetName: String  +references: String […]  +postalCode: String |
|  |

|  |
| --- |
| Distributor |
| -companyNames: String […]  -payment: double |
| +giveStuff(product: Product)  -sell(product: Product)  -distribute(location: Location, product: Product) |

|  |
| --- |
| Bill |
| -billCode: String  -customer: Customer  -location: Location  -services: Service […]  -products: Product […]  -iva: final float |
| +addProductOrService(product: Product, service: Service) |

|  |
| --- |
| Utensil |
| -name: String  -condition: String  -time: String |
| +useUtensil(employee:Employee) |

|  |
| --- |
| Product |
| -name: String  -quantity: int  -cost: int |
| +expire(product: Product) |

|  |
| --- |
| Offer |
| -name: String  -time: double  -conditions: String […] |
|  |

|  |
| --- |
| Inventory |
| -quantity: int  -name: String |
| +register(product: Product) |

|  |
| --- |
| Owner |
| -name: String  -salary: double  -barberShopEarnings: double  -barberShopExpenses: double |
| +hireEmployee(employee: Employee)  +findADistributor(distributor: Distributor, location: Location)  +findALocation(location: Location)  +buyProducts(distributor: Distributor, product: Product)  +establishASchedule(schedule: Schedule)  +establishAOffer(offer: Offer)  +payment(bill: Bill) |