

Person

- name: String
- ID: int
- age: int

+ Person(name: String, id: int, age: int)
+ setName(name: String)
+ setID(id: int)
+ setAge(age: int)
+ getName(): String
+ getID(): int
+ getAge(): int

Customer

- mechanicID: int
- Appointment: Appointment

+ setMechanicID(id: int)
+ getMechanicID(): int
+ setAppointment(Appointment: Appointment)
+ getAppointment(): Appointment
+ printInfo()
+ operator < (other: Customer): bool
+ operator > (other: Customer): bool
+ operator = (other: Customer): bool

Mechanic

- counter: int
- appointments: Appointment[]

+ isAvailable(time: Appointment): boolean
+ setCounter(counter: int)
+ getCounter(): int
+ setAppointment(Appointment: Appointment)
+ getAppointment(): Appointment[]
+ printInfo()

Appointment

- hours: int
- mins: int

+ Appointment(hours: int, mins: int)
+ getHours(): int
+ getMins(): int
+ setHours(hours: int)
+ setMins(mins: int)

Queue

+ push(data: T)
+ pop(): T

— inheritance
— association