**BooKify Possible Classes**

| OK | Librarian |
| --- | --- |
| OK | Book |
| D | Shelf |
| D | Tome |
| OK | Movie |
| D | CD |
| OK | Customer |
| D | Service |
| D | Card |
| D | ID |
| OK | Course |
| D | Code |

**Attributes and methods**

* **Librarian Class**

name: String

age: int

gender: String

id: int

PhoneNumber: int

Email: String

RegisterCustomer(): void

SellBook(): receipt

SellMovie(): receipt

RegisterBook(): void

RegisterCourse(): void

RegisterMovie(): void

* **Customer Class**

name: String

age: int

gender: String

id: int

PhoneNumber: int

Email: String

RentBook(): book

BuyBook(): book

SearchBook(): void

RentMovie(): movie

BuyMovie(): movie

SearchMovie(): void

TakeCourse(): Certificate

SearchCourse(): void

* **Book Class**

title: String

author: String

publisher: String

category: String

isbn: int

condition: bool

available: bool

amount: int

price: float

* **Movie Class**

title: String

year: int

genre: String

classification: String

idiom: String

format: String

price: float

available: bool

amount: int

* **Course class**

kind: String

theme: String

time: float

price: float

status: boolean

modality:String

topic: String

StartCourse(): course

FinishCourse():certificate

StandbyCourse(): void