Bookflix - Model
version 1.0

Bookflix

+addUser(user: User): User
+getUser(username: String, password: String): User
+addBook(book: Book): Book
+removeBook(book: Book): Book

User

-name: String
-surname: String
-email: String
-username: String
-password: String

+User(name: String, surname: String, email: String, username: String, password: String)
+isAdmin(): Boolean

CommonUser

+isAdmin(): Boolean
+CommonUser(name: String, surname: String, email: String, username: String, password: String, card: Card)

AdminUser

+isAdmin(): Boolean

Card

-titular: String
-number: String
-expirationDate: Month
-securityCode: String

+Card(titular: String, number: String, expirationDate: Month, securityCode: String)

Author

-name: String
-surname: String

+Author(name: String, surname: String)

Book

-title: String
-ISBN: String
-description: String
-imageUrl: String

+Book(title: String, ISBN: String, description: String, imageUrl: Stirng, genre: Genre, editorial: Editorial, author: Author)

Editorial

-name: String

+Editorial(name: String)

Genre

-name: String

+Genre(name: String)