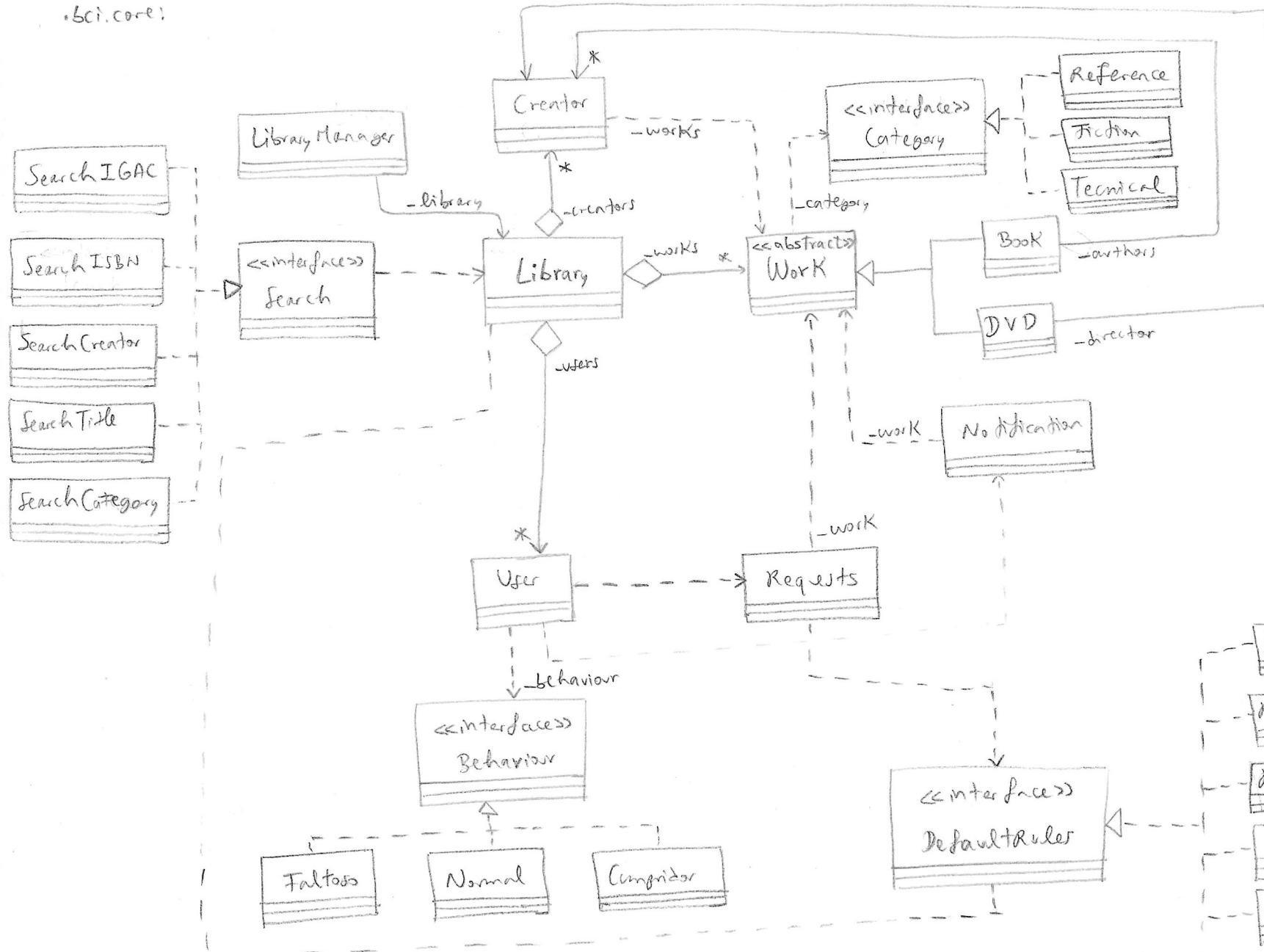


• bci.core:



Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto. Francisco Olávio

Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto Tiago Santos

bci.core:

Creator

- name: String
- works: List<Work>

+ addWork(w: Work): void
+ rework(w: Work): void
+ checkWork(): boolean

<<abstract>>

Work

- numWork: int
- numCopies: int
- title: String
- price: int
- category: Category

+ modStock(i: int): void
+ checkCopies(): boolean

Book

- authors: List<Creator>
- isbn: String

DVD

- director: Creator
- igac: String

<<interface>>

Category

+ category(): void

Reference

Fiction

Technical

User

- numUser: int
- name: String
- email: String
- requests: List<Request>
- status: boolean
- behavior: Behaviour
- meetDeadline: boolean
- interestsList: List<Notification>

+ fine(-currDate: int): void
+ addInterests(w: Work, t: boolean): void
+ delInterest(n: Notification): void

Notification

- interestType: boolean
- work: Work

+ send(): void
+ wasRead(): void

Requests

- work: Work
- deadline: int

+ canRequest(v: User, w: Work): boolean
+ request(v: User, w: Work): void
+ return(v: User, w: Work): void

<<interface>>

Behaviour

+ behaviour(): void

Fatboss

Normal

Cmpardar

<<interface>>

DefaultRules

+ checkRule(): boolean

Rule 1

Rule 2

Rule 3

Rule 4

Rules

Rule 6

<<abstract>>

Search

- library: Library

+ search(library: Library): void

SearchIGAC

SearchISBN

SearchCreator

SearchTitle

SearchCategory

Library

- currDate: int
- creators: List<Creator>
- works: List<Work>
- users: List<User>
- <<final>> serialVersionUID: long

+ import(filename: String): void
+ updateCreator(c: Creator, w: Work): void
+ delete(creator c: Creator): void
+ createWork(title: String, price: int, category: Category): void
+ advanceDate(): void
+ createUser(name: String, email: String): void
+ deleteWork(w: Work): void
+ notify(v: User, n: Notification): void

• bci.core:

