

## LibraryManager

- library : library

```

+ save(id) : void
+ saveAs(filename : String) : void
+ load(filename : String) : void
+ displayDate() : String Integer
+ advanceDate() : void
+ requestWork(id : Integer id, id_done : Integer) : void
+ returnWork returnWork(id : Integer id) : void
+ payFine(id : Integer) : void
+ registerUser(name : String, email : String) : void
+ showUser(id : Integer) : List<String>
+ showUserNotifications(id : Integer) : List<String>
+ showUsers() : List<String>
+ changeWorkInventory(id : IntegerString, quantity : Integer) : void
+ displayWork(id : String Integer) : void List<String>
+ displayWorkByCreator(id : Integer) : List<String>
+ displayWorks() : List<String>
+ performSearch(term : String) : List<String>
    
```

## Library

- Date : Date

- users : Collection<User>

- works : Collection<Work>

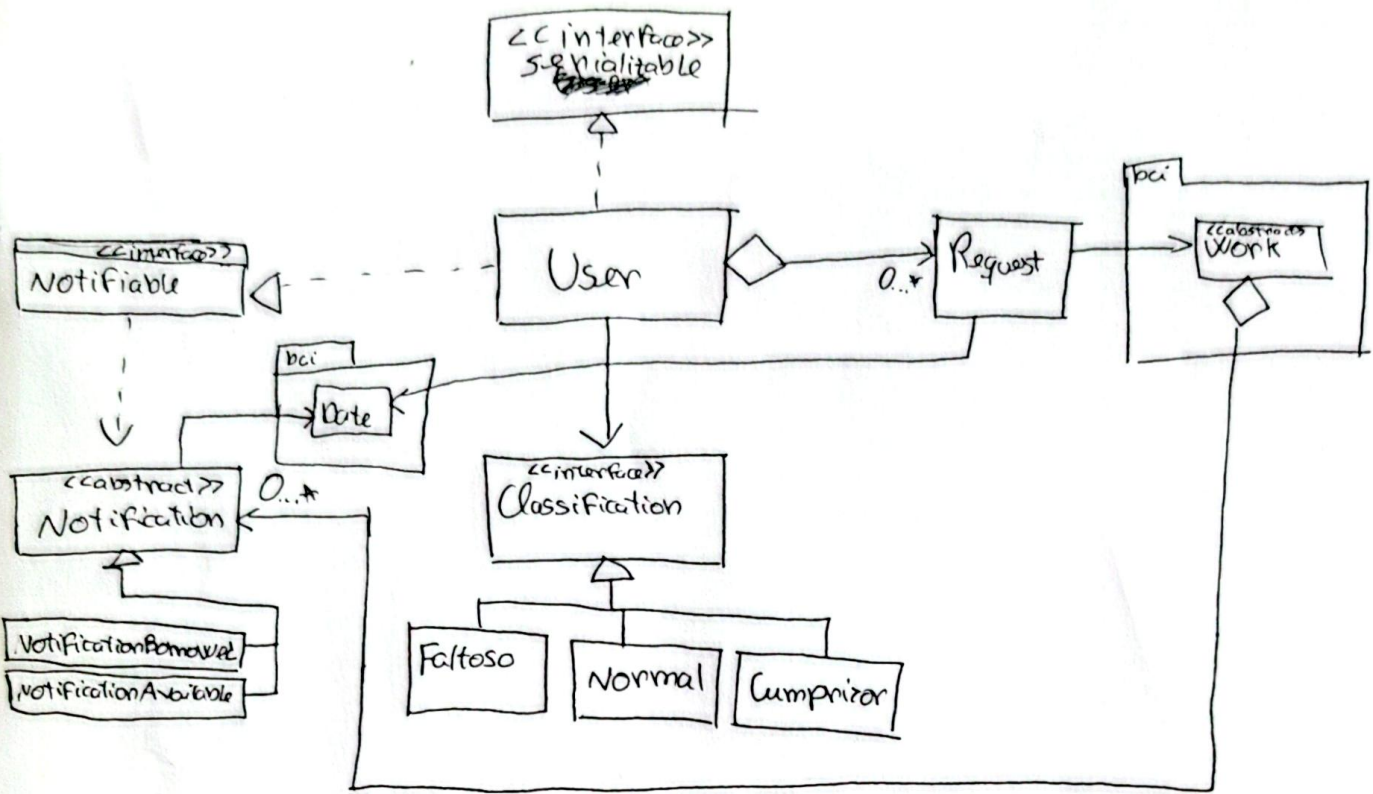
- creators : Collection<Creators>

```

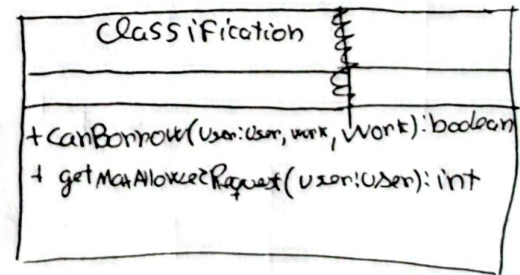
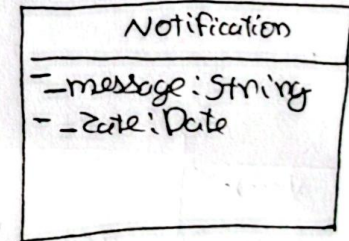
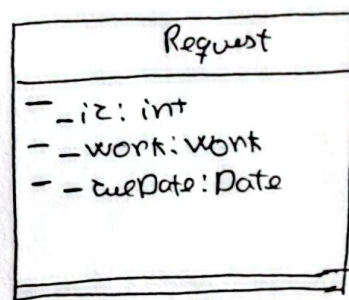
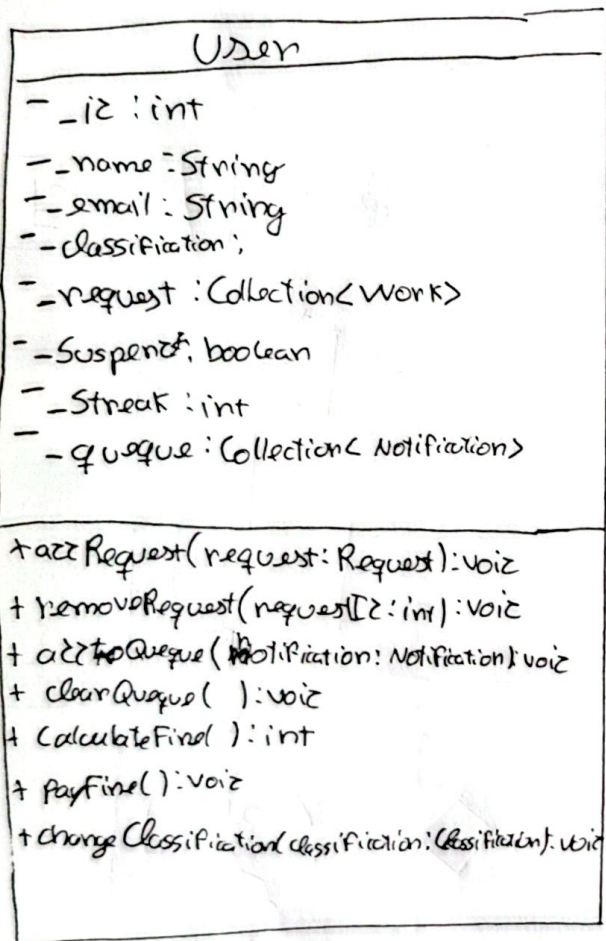
+ save() : void
+ saveAs(filename : String) : void
+ load(filename : String) : void
+ displayDate() : String int
+ advanceDate() : void
+ requestWork(id : int, id_done : int) : void
+ returnWork(id : int) : void
+ payFine(id : int) : void
+ registerUser(name : String, email : String) : void
+ showUser(id : int) : Collection<User>
+ showUserNotifications(id : int) : List<CollectionStringNotification>
+ showUsers() : Collection<User>
+ changeWorkInventory(id : int, quantityquantity : int) : void
+ displayWork(id : int) : Collection Collection<Work>
+ displayWorkByCreator(id : int) : Collection<Work>
+ displayWorks() : List Collection<String>
+ performSearch(term : String) : Collection<Work>
    
```



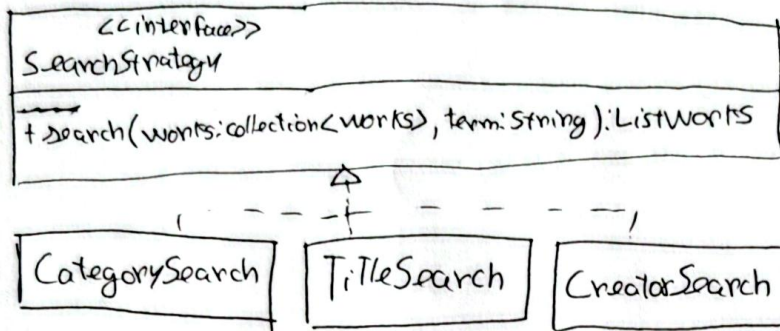
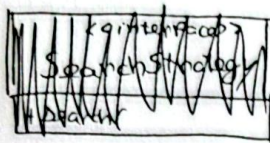
bci. User



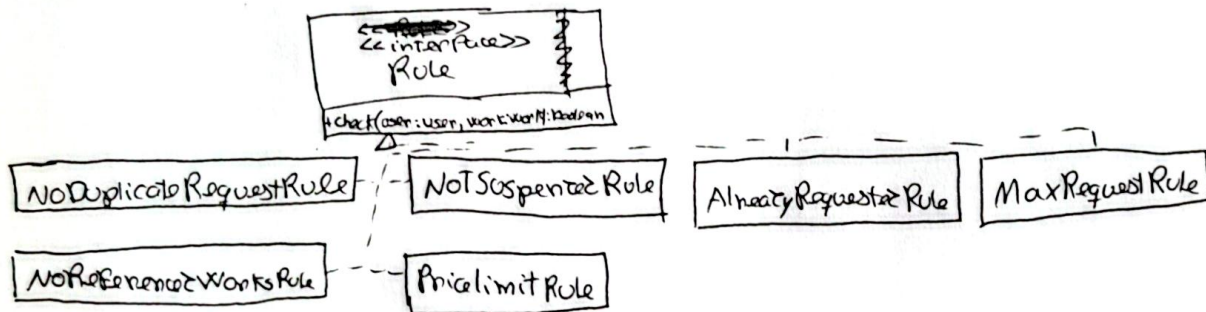
//



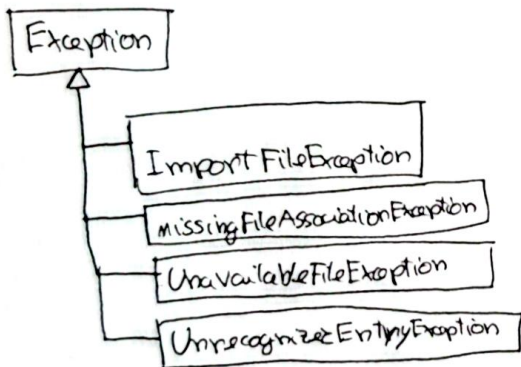
## bc. Search



## bc. rules



## bc. exceptions



~~bc. data~~

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

Simão Lopes

Declaro pela minha honra que este diagrama foi  
realizado apenas pelos elementos que constituem o grupo  
do projeto Apnso Ramata