MailAddress

email:string()

+getUser()

Mail

id:int

subjectLine: string

message: string

date: date

+setMessage()

+getMessage()

+getID()

+setID()

+setDate()

+getDate()

+delete()

M

MailSent

to:MailAddress

+send()

MailRecieved

from:MailAddress

isRead:bool

+reply()

+getIsRead()

+setIsRead()

Se...

+searchByCl...

+searchByCa...

Guest

.

+signUp()

+login()

Becomes

User

id:int

name: string

email:string

password:string

+logout()

+getID()

+getEmail()

+getName()

+setName()

+setEmail()

+setID()

1

1

1

MailBox

owner: User

sortBy: SortType

+countTotalMail()

+listMail()

+sort()

+addMail()

+getOwner()

2

1

**<<Enumeration>>
SortType**

Date
SubjectLine

Favourite

id: int

post: Classified

owner: User

+getID()

+favourite()

+unfavourite()

M

M

Inbox

from:MailAddress

mailBag: MailRecieved[*]

+markAllRead();

outbox

to:MailAddress

mailBag: MailSent[*]

+sort()

...arch

...assified()

...ategory()

ClassifiedList

classifieds: Classified[*]

+addClassified()

+removeClassified()

1

M

Classified

id: int

description: string

title: string

Pictures: string[]

owner: User

textbook:Textbook

price: float

+delete()

+edit()

+display()

+getters()....

+setters()...

M

1

1

1

CategoryList

categories:Categories[*]-

+getCategories()

+addCategory()

+deleteCategory()

1

M

Category

subject: string

+getSubject()

+setSubject()

+findRelatedTextbooks()

1

1

Textbook

title: String

edition: string

category:Category

+setCategory()

+getCategory()

+setTitle()

+getTitle()

+setEdition()

+getEdition()

1