



# Innopolis Library Media Keeper

Delivery 2

07.03.2018

Introduction to programming II

# Delivery tasks

## D1

- ☒ Implement **Users** and **Documents** cards;
- ☒ Implement **Booking** system.

## D3

- ☐ Implement **Fine** and **Renew** subsystems;

## D2

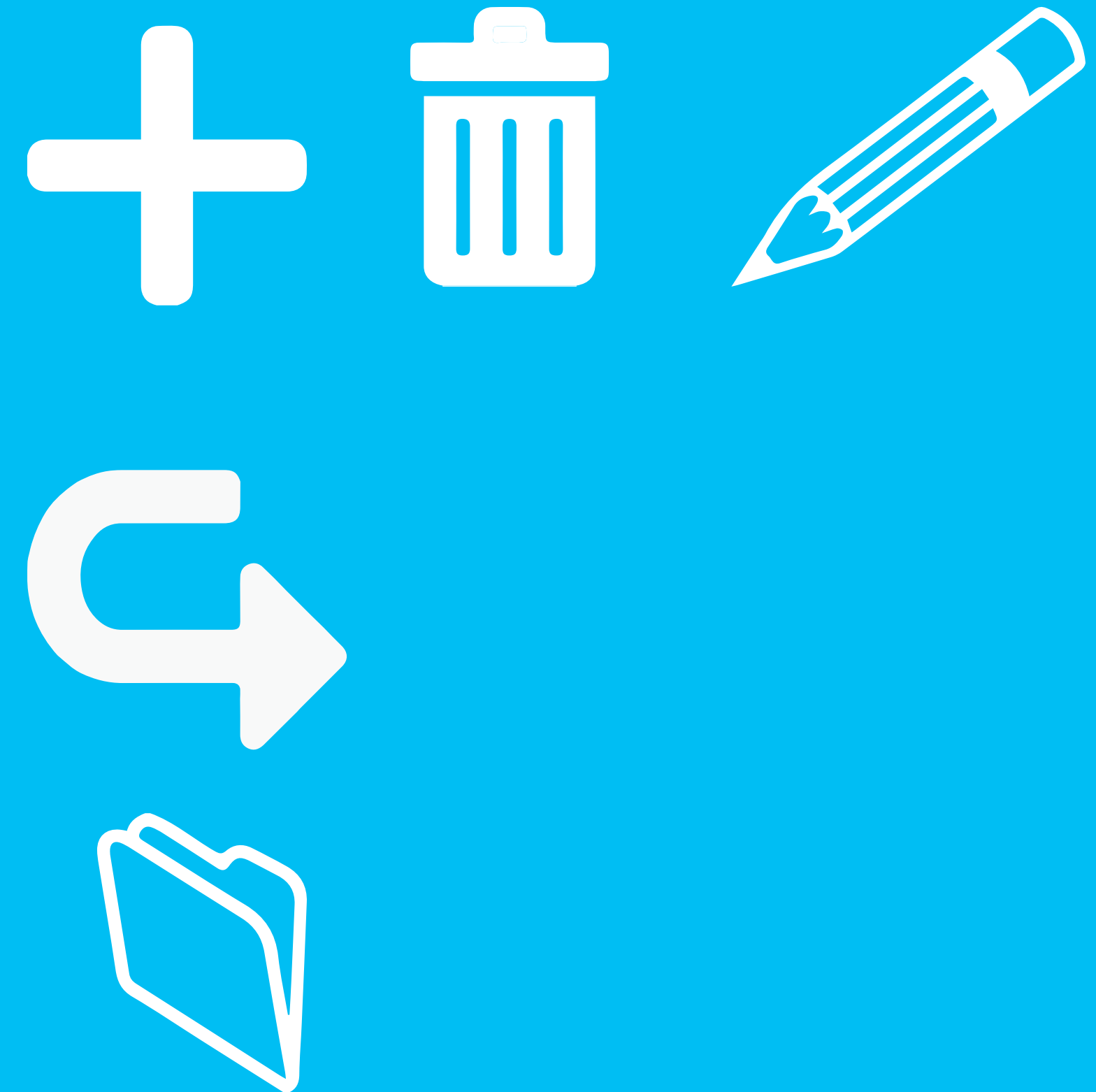
- ☐ Implement actions with cards (modify, delete, add);
- ☐ Implement **Return** system;
- ☒ Implement Storage System;

## D4

- ☐ Implement **Search engine**;
- ☐ Everything just works :-)

# Goals for this delivery:

- ☐ Implement actions with cards (modify, delete, add);
- ☐ Implement Return system
- ☐ Implement Storage system



# Modify, Delete, Add

Librarian has an access to add, delete and modify Users and Medias. Librarians have specific menus and buttons with different options.

**Media ID # 1**  
Type: Book  
Title: «\War and Peace»  
Author(s): Leo Tolstoi  
Available: Yes  
Bestseller: Yes

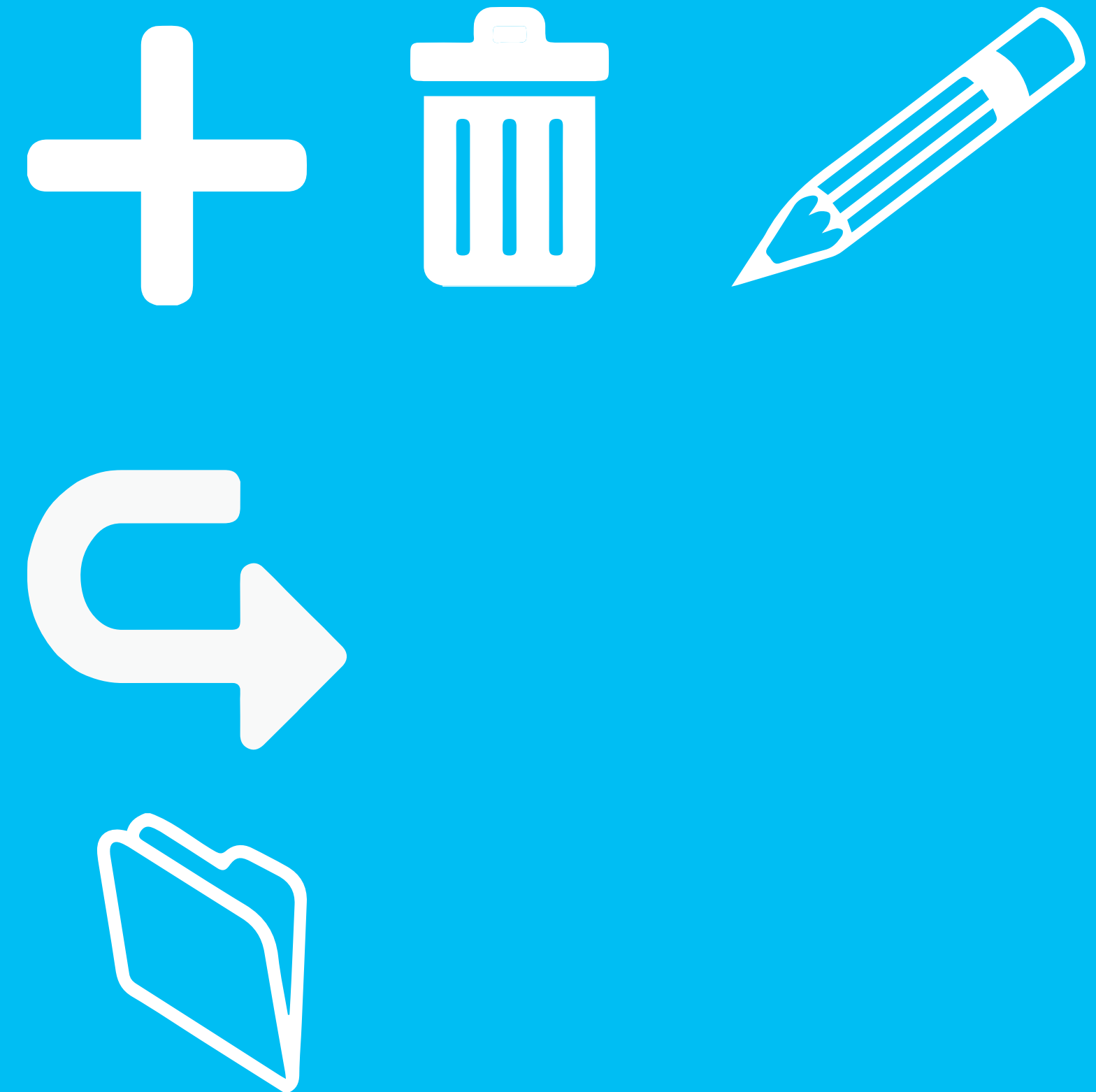
Book

ModifyAddDelete

PrevNext

# Goals for this delivery:

- ☒ Implement actions with cards (modify, delete, add);
- ☐ Implement Return system
- ☐ Implement Storage system



# Return system

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From Delivery 2 Users have an ability to return Medias. User makes a return request and Librarian accepts or rejects it in Library through */return* menu.

**My Medias**  
Type: Book  
Title: «War and Peace»  
Author(s): Leo Tolstoi  
Return: 25 Mar 2018 11:01

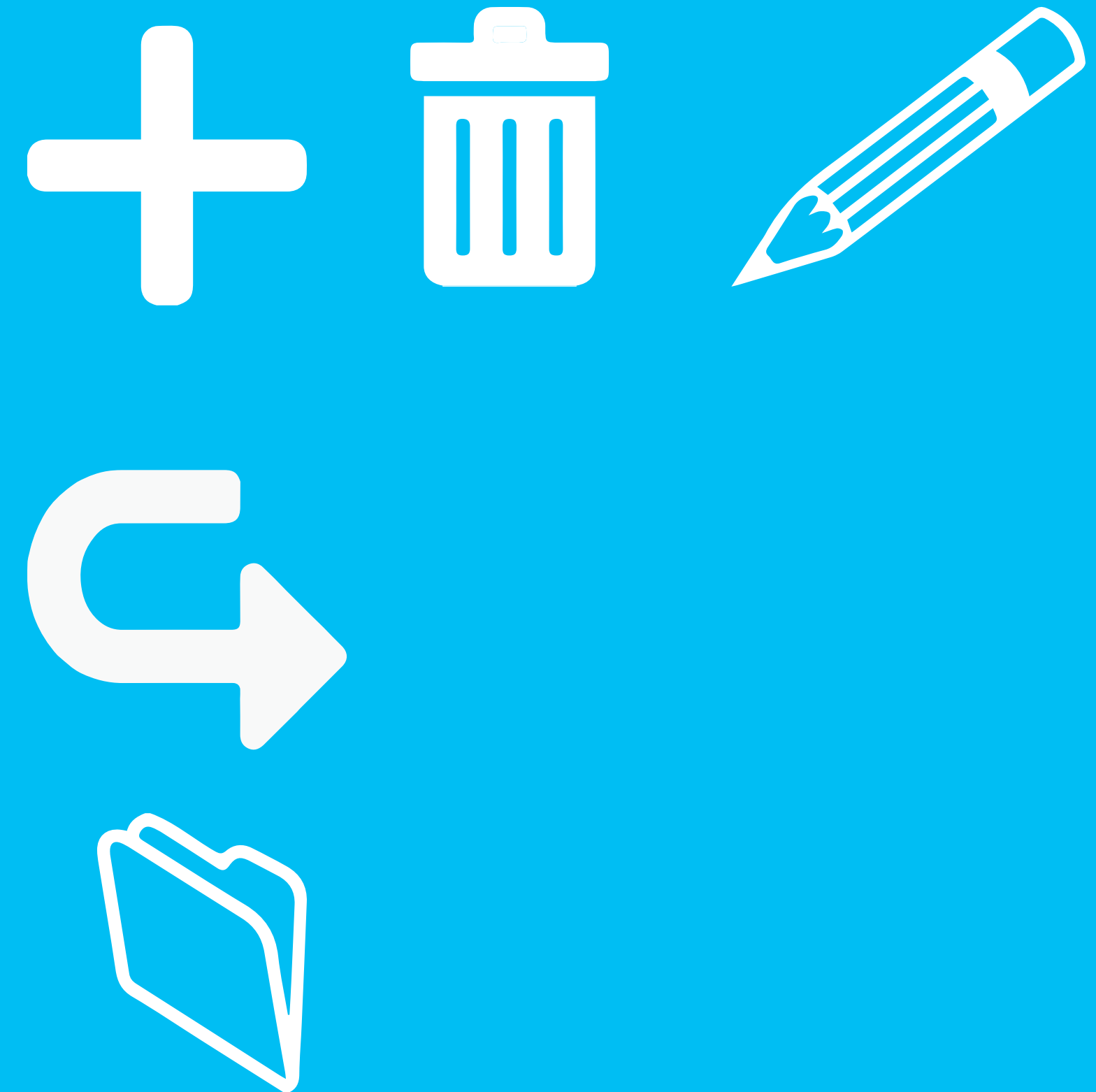
Return

Prev

Next

# Goals for this delivery:

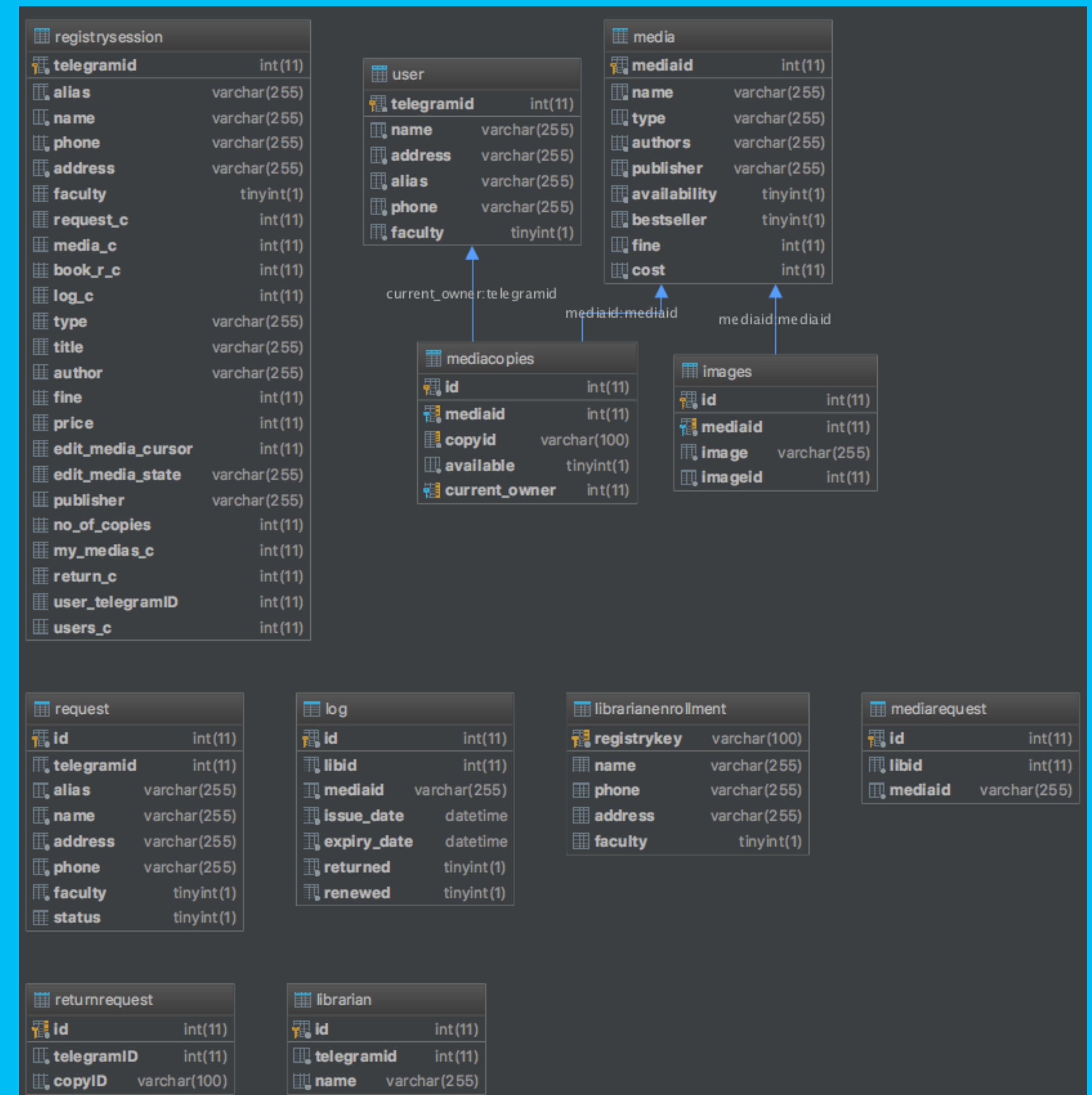
- ☒ Implement actions with cards (modify, delete, add);
- ☒ Implement Return system
- ☐ Implement Storage system





# Storage system

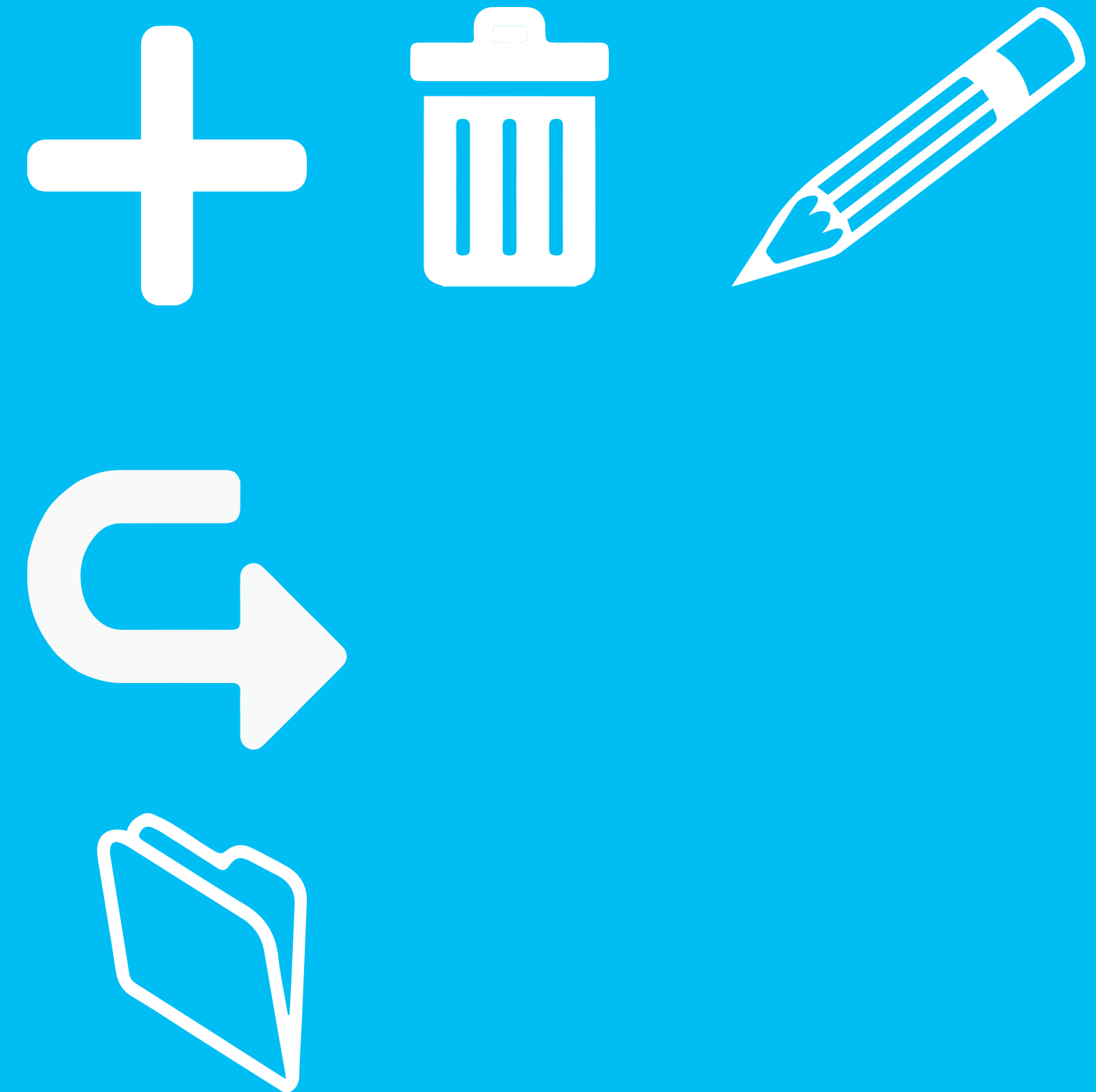
Storage system allows to store data about Medias, Users and Sessions. System also helped to solve problem with sessions: now all user states are stored in Library.



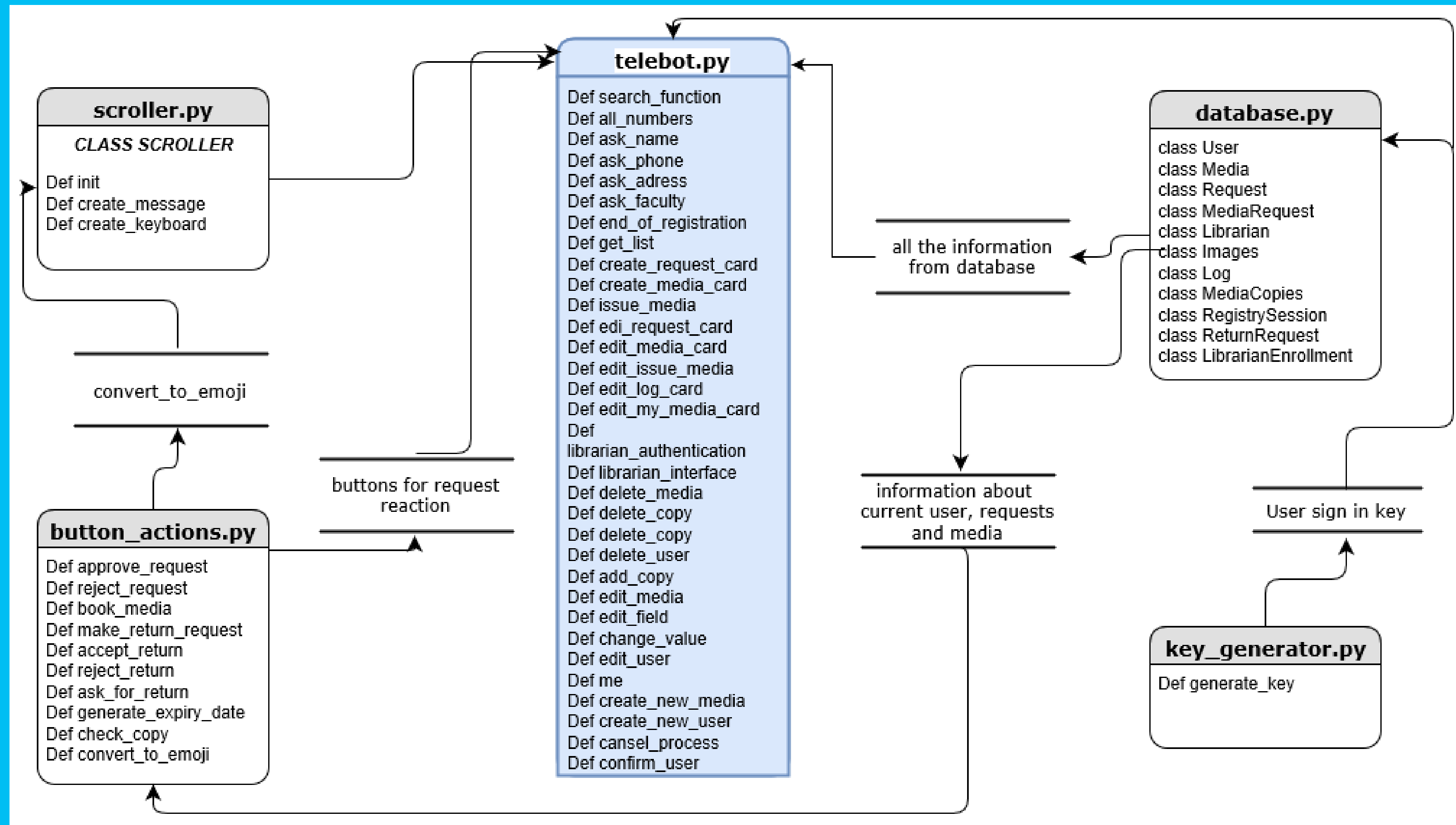


# Goals for this delivery:

- ☒ Implement actions with cards (modify, delete, add);
- ☒ Implement Return system
- ☒ Implement Storage system



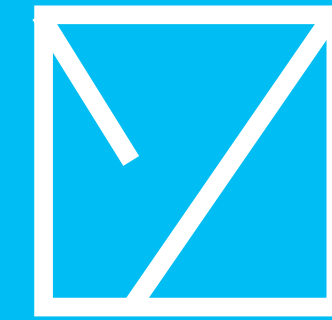
# Overall structure of project



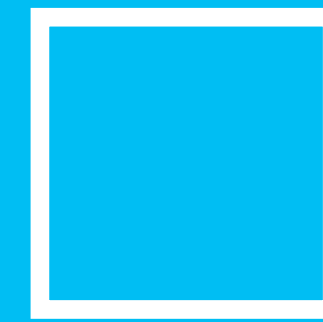
# Tests

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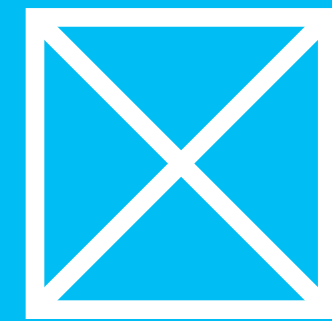
to be completed



Debt:  
Test 6 (D1)



Passed tests:



Failed tests:

Reason:

Thank you for attention!  
See you next delivery :-)