Manual for libDEMO2

1. Books management

a. adding a new book

- Open "Books" tab
- Input all of the data about the book that you want to add
  - For titles, there is no validation of data, so please be careful while inputting it
  - Both names mustn't be longer than 64 characters, which can be only letters, space sign (' '), and minus sing ('-')
  - Year of publishing can't be lower than -999, and cannot be higher than 9999
- Click on "Add the book" button

b. finding a book

- Open "Books" tab
- Input the data you know about the book you want to find
  - For titles, there is no validation of data, so please be careful while inputting it
  - Both names mustn't be longer than 64 characters, which can be only letters, space sign (' '), and minus sing ('-')
  - Year of publishing can't be lower than -999, and cannot be higher than 9999
- Check the filter boxes for the input you want to search with
- Click on "Find the book" button
  - if there is no input, the program will bring every book from the memory, until 99th to prevent memory overload

c. editing a book

- Open "Books" tab
- Find the book you want to edit first, and select it's row (click) on a table
  - if you don't know how to find a book, go back to **1b. finding a book**
- Input all of the data about a book you want to edit
- Check the checkboxes for the data you want to edit
  - this may seem to be pointless, but we prevent the user from editing the data he/she doesn't want to
- Click on "Edit the book" button
  - For titles, there is no validation of data, so please be careful while inputting it
  - Both names mustn't be longer than 64 characters, which can be only letters, space sign (' '), and minus sing ('-')
  - Year of publishing can't be lower than -999, and cannot be higher than 9999

d. deleting a book

- Open "Books" tab
- Find the book you want to edit first, and select it's row (click) on a table
  - if you don't know how to find a book, go back to **1b. finding a book**
- Click on "Delete the book" button

2. Users management

a. adding a new user

- Open "Users" tab
- Input all of the data about the user, that you want to add
  - **while choosing ID number system in your virtual library, you should use the same amount of numbers for every user**
  - ID number was meant to be a user's phone number, so it's unique for everyone, but you can type any number from 000000001 to 999999999
  - Both names mustn't be longer than 64 characters, which can be only letters, space sign (' '), and minus sing ('-')
  - Email cannot be longer than 255 signs, and can only include letters, dots, and one 'at' ('@') sign
- Click on "Add the user" button

b. finding a user

- Open "Users" tab
- Input the data you know about the user, that you want to find
  - ID number was meant to be a user's phone number, so it's unique for everyone, but you can type any number from 000000001 to 999999999
  - Both names mustn't be longer than 64 characters, which can be only letters, space sign (' '), and minus sing ('-')
  - Email cannot be longer than 255 signs, and can only include letters, dots, and one 'at' ('@') sign
- Check the filter boxes for the input you want to search with
- Click on "Find the user" button

c. editing a user

- Open "Users" tab
- Input the data you want to change about the user
  - ID number was meant to be a user's phone number, so it's unique for everyone, but you can type any number from 000000001 to 999999999
  - Both names mustn't be longer than 64 characters, which can be only letters, space sign (' '), and minus sing ('-')

- - Email cannot be longer than 255 signs, and can only include letters, dots, and one 'at' ('@') sign
  - Check the filter boxes for the input you want to search with
  - Find the user you want to edit first, and select it's row (click) on the upper table
    - if you don't know how to find a book, go back to **2b. finding a user**
  - Click on "Edit the user" button

d. deleting a user

- Open "Users" tab
- Find the user you want to delete first, and select it's row (click) on the upper table
  - if you don't know how to find a book, go back to **2b. finding a user**
- Click on "Delete the user" button

3. Users and books correlation management

a. saving a book to user's account

- Open "Books" tab
- Find the book first
  - if you don't know how to find a book, go back to **1b. finding a book**
- Open "Users" tab
- Find the user you want to give the book to, and select his row in the upper table by clicking on it
- Find the book you want to give in the lower table and select it by clicking on it
- Click on "Possess the book" button

b. accessing books possessed by a user

- Open "Users" tab
- Find the user whose possession you want to look up
- Click on "See user's books" button

c. returning a book from a user

- Open "Books" tab
- Find the book first
  - if you don't know how to find a book, go back to **1b. finding a book**
- Open "Users" tab
- Find the book that is being returned in the lower table and select it by clicking on it
- Click on "Return the book" button