**Library System Manual**

**Database installation:** To install the database open the terminal on the project folder sql and run the command: ‘mysql -u root -p < FinalProject.sql’.

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| Our library system page starts with Index page, there is a menu where the user can select what page he wants to go. To look, change, add or delete a Library he must click on Libraries menu link.  To look, change, add or delete a Book he must click on Books menu link.  To rent or return a book he must click on Book Rent.  To have a statics about the books rented and available he must click on Statistics. |  |
| On Library page, there are basics CRUD operation, additionally the user can paginate the Library list.  To update or delete a Library the user must click on the correspondent button from the Library list.  To add a library, just fill the form and click add. If the user wants to update, the add form will change to update form, and the button will reflect that.  To search a specific library the user can type it in the first letter of the library name on Search box and the list will show only the libraries that match the search. |  |
| On Book page, there are basics CRUD operation, additionally the user can paginate the Book list.  To update or delete a Book the user must click on the correspondent button from the Book list.  To add a Book, just fill the form and click Add Book. If the user wants to update, the Add form will change to Update form, and the button will reflect that.  To search a specific Book the user can type it in the first letters of the Book name on Search box and the list will show only the Books that match the search. |  |
| Book rentals page show you the list of all rents, if a book is rent and returned it will show the date of the return as End Date of the rental.  To rent a book you must choose the book in the select in ADD BOOK RENTAL form, after that you must provide a valid user ID with 9 characters and click Add Rental Book.  To return a book you must click on the return button of the book in the book rental list.  To delete a rental record, you can click on Delete button of the record you want to delete. |  |
| Book Rent Report­­ the books with full information about library, category, rent dates. The user can search for text information or choose the availability to filter the records. | C:\Users\limafacanhag\Downloads\doc\1.PNG |
| Statistics shows you all the books and if they are rented it will show the user, The start and the End date of the rent. | C:\Users\limafacanhag\Downloads\doc\2.PNG |
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