Digimon

DIGIMON TEAM

GROUB NUMBER : 12

SUBMISSION DATE

June 16, 2022

ADVANCED PROGRAMMING COURSE

PUBLIC LIBRARY MANAGEMENT SYSTEM

Team members :

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3 - Amr Hossam
4 - Omar ElSayed
5 - Ahmed Ali Hussein
6 - Kareem Ahmed Melegy

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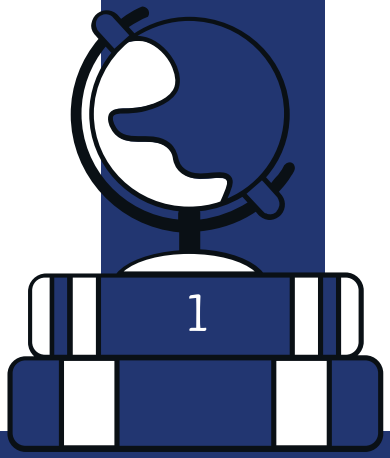
2 - محمد حسام
3 - عمرو حسام
4 - عمر السيد
5 - احمد علي حسين
6 - كريم احمد مليجي

Introduction

As we seek advancement, we decided to choose this particular project to improve our skills in dealing with programming and also databases.
This project is almost a complete system for serving public libraries that have computers in it, and its primary premise is to turn the service into an easy and fun one.
Finally, we hope that you find this project a great instrument to clarify all the new skills and expertise that we reaped.

Purpose

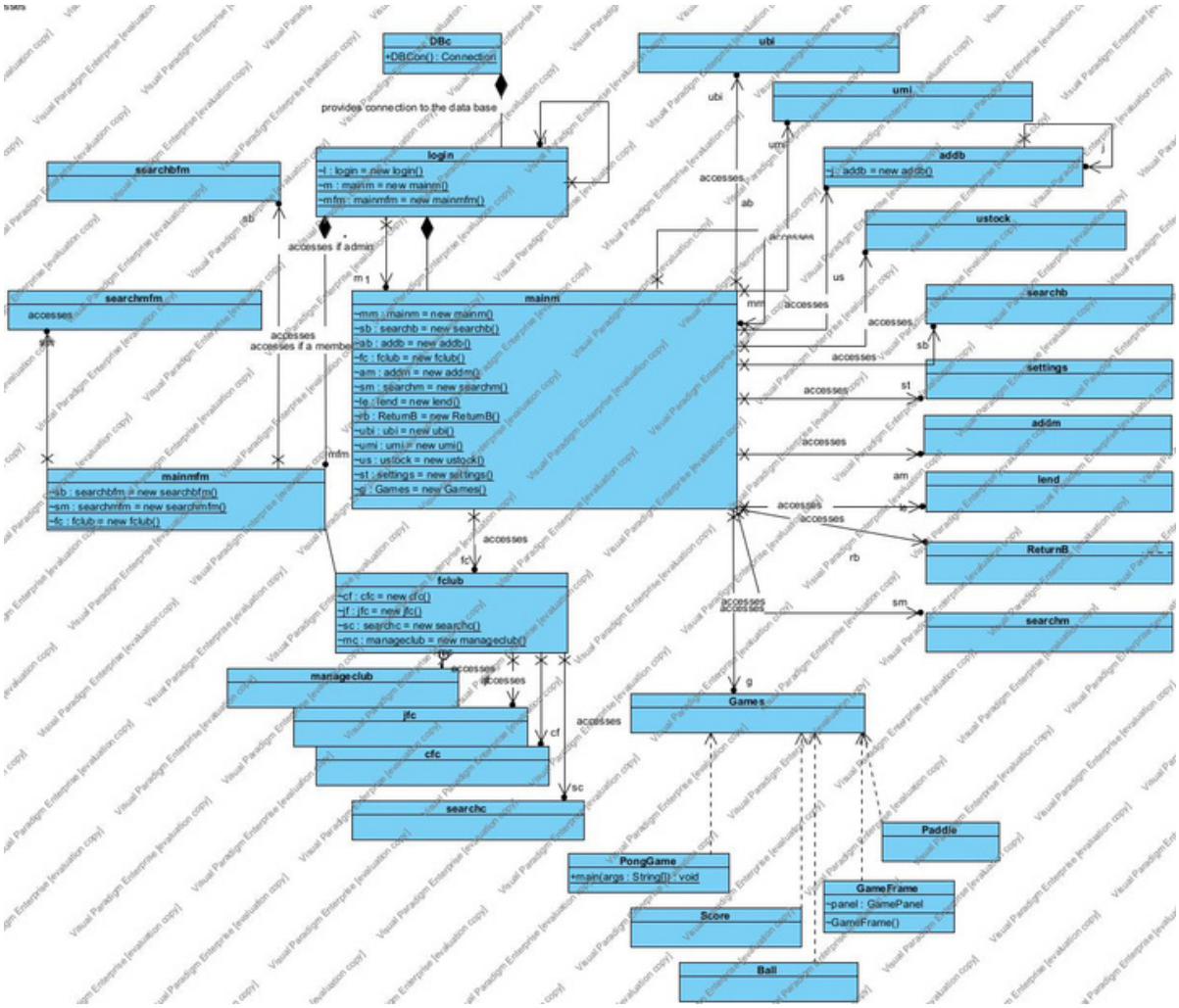
The main purpose of this project is to produce a simple and easy open-source system for the public libraries that have small resources.
Egypt has 1,834 public library institutions, and almost 99% of them work without any digitalization of the service, so this system offers a very cheap and easy way of digitalizing these libraries without the need for big servers.



Stakeholders

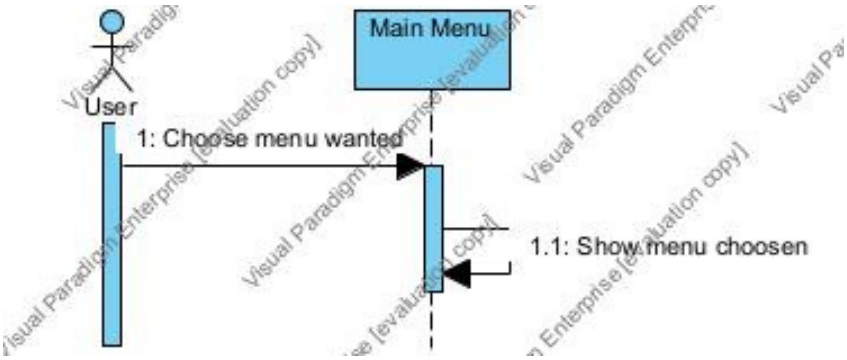
Actors and Goals

Class Diagram

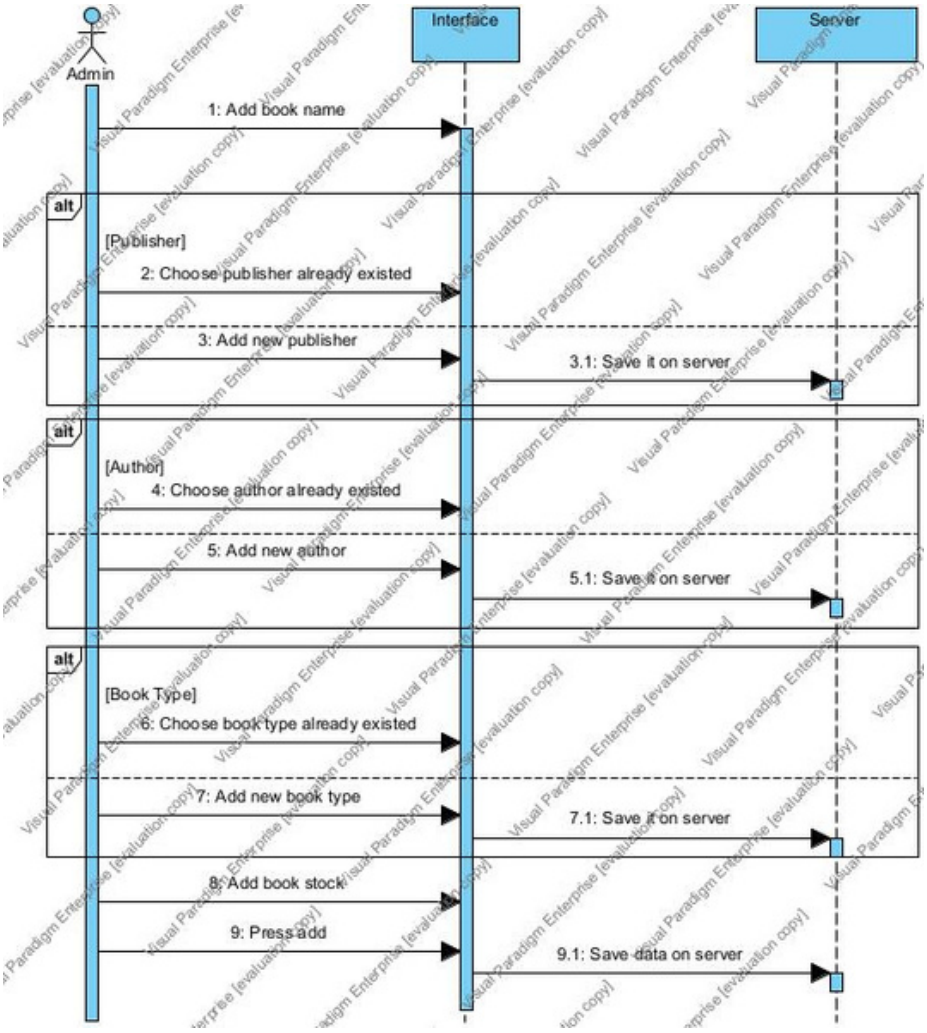


Sequence Diagrams

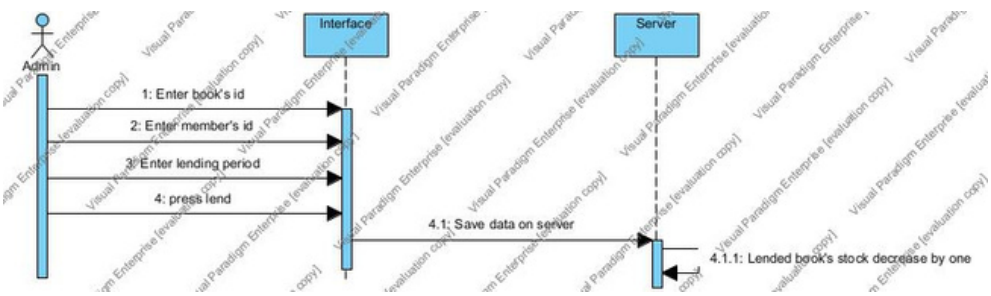
-MAIN MENU



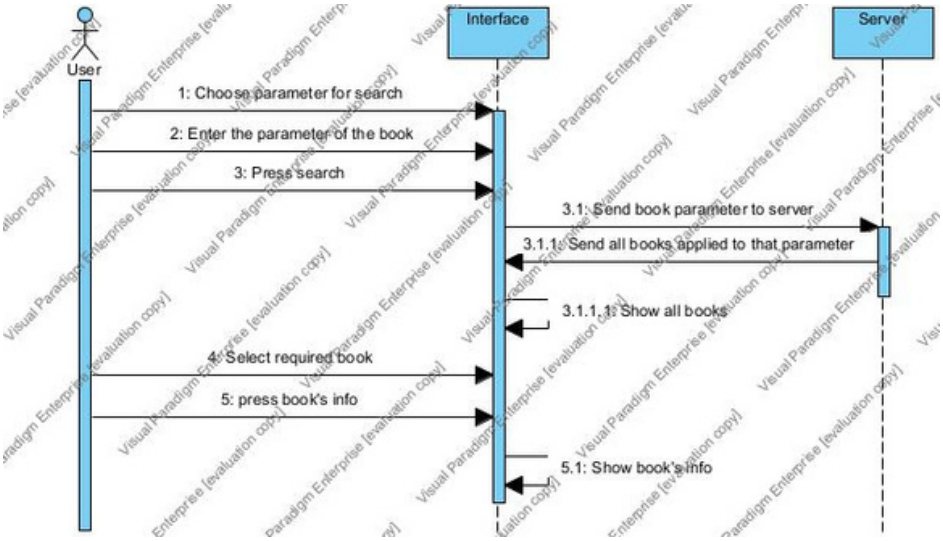
-ADD BOOK



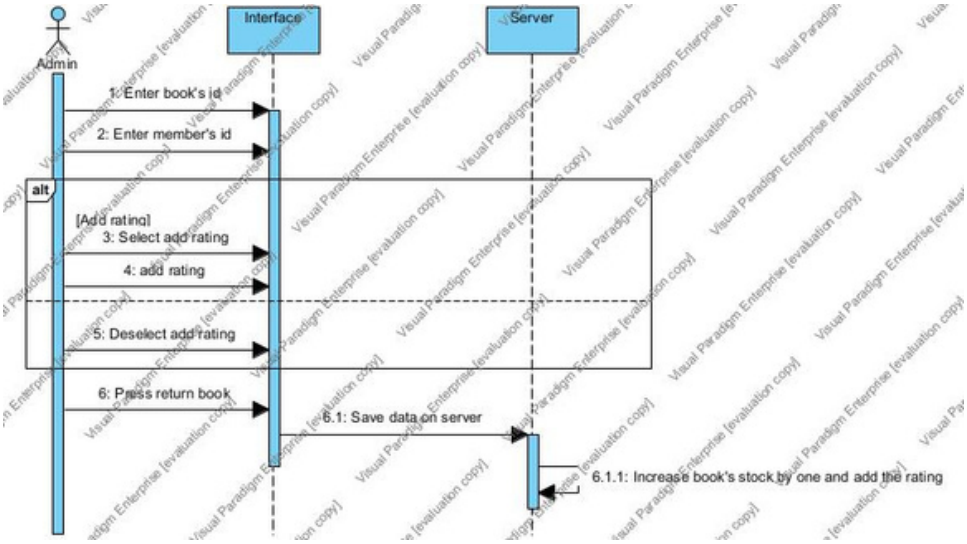
-LEND BOOK



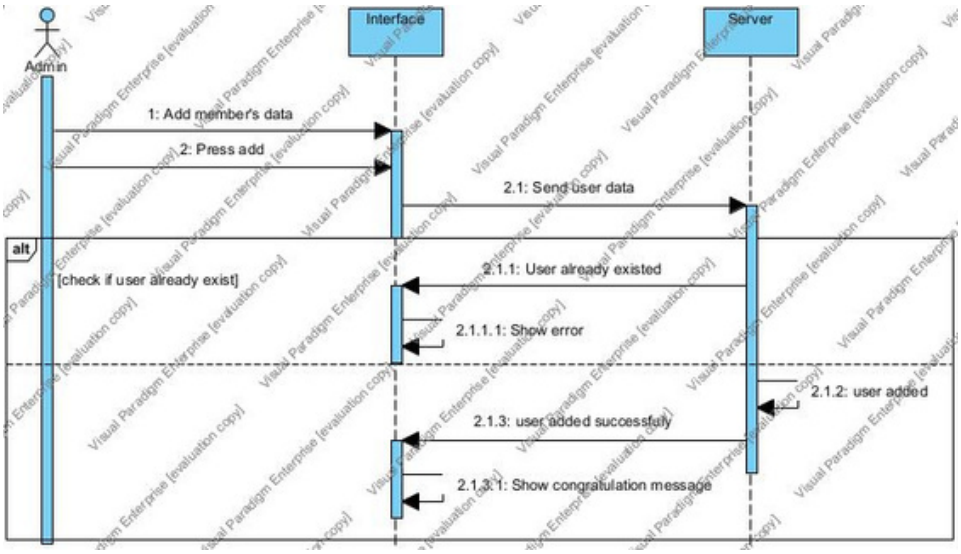
-SEARCH FOR A BOOK



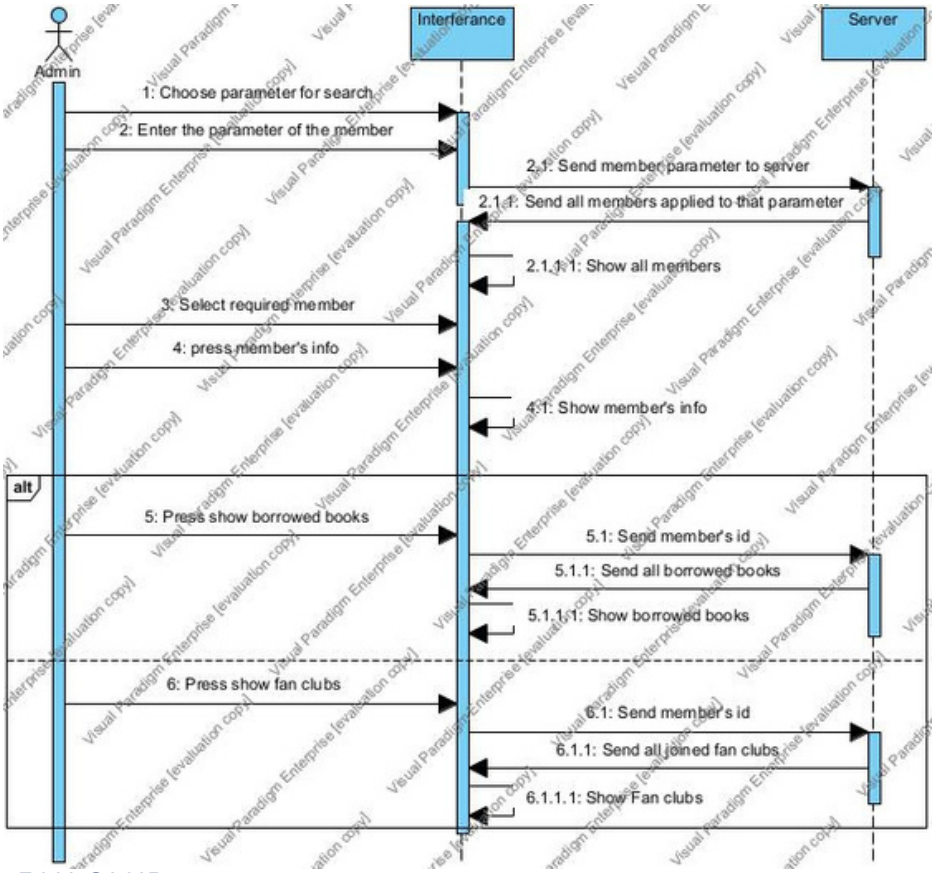
-RETURN A BOOK



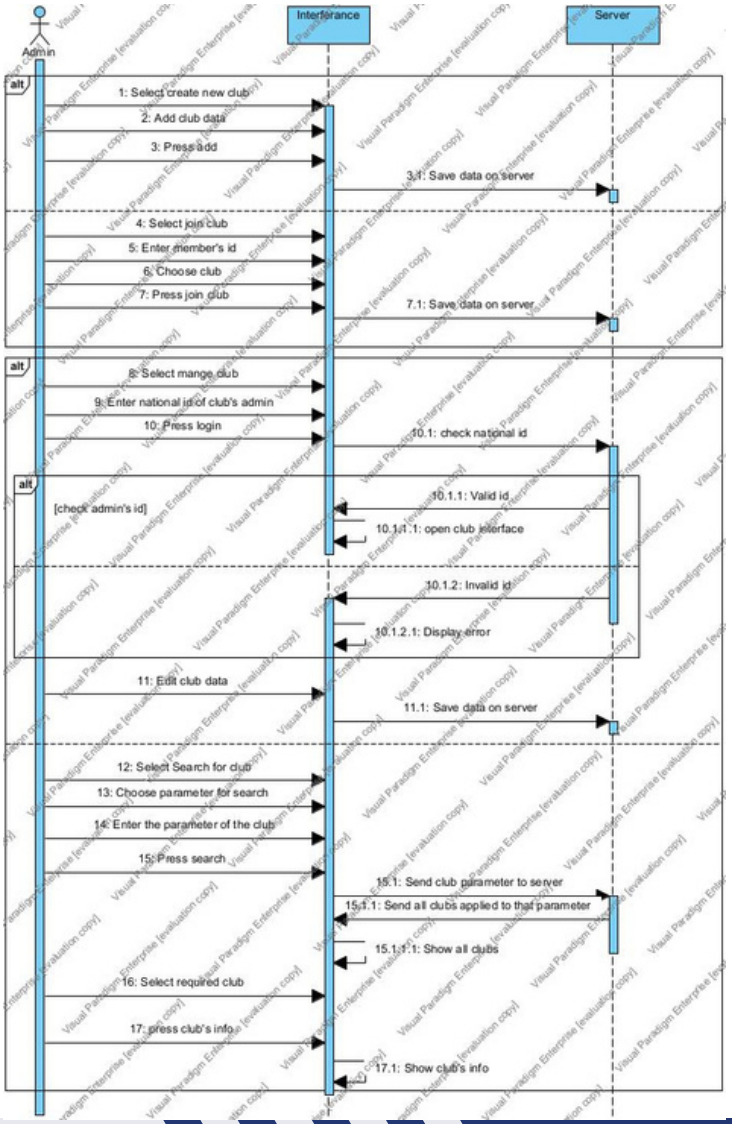
-ADD A MEMBER



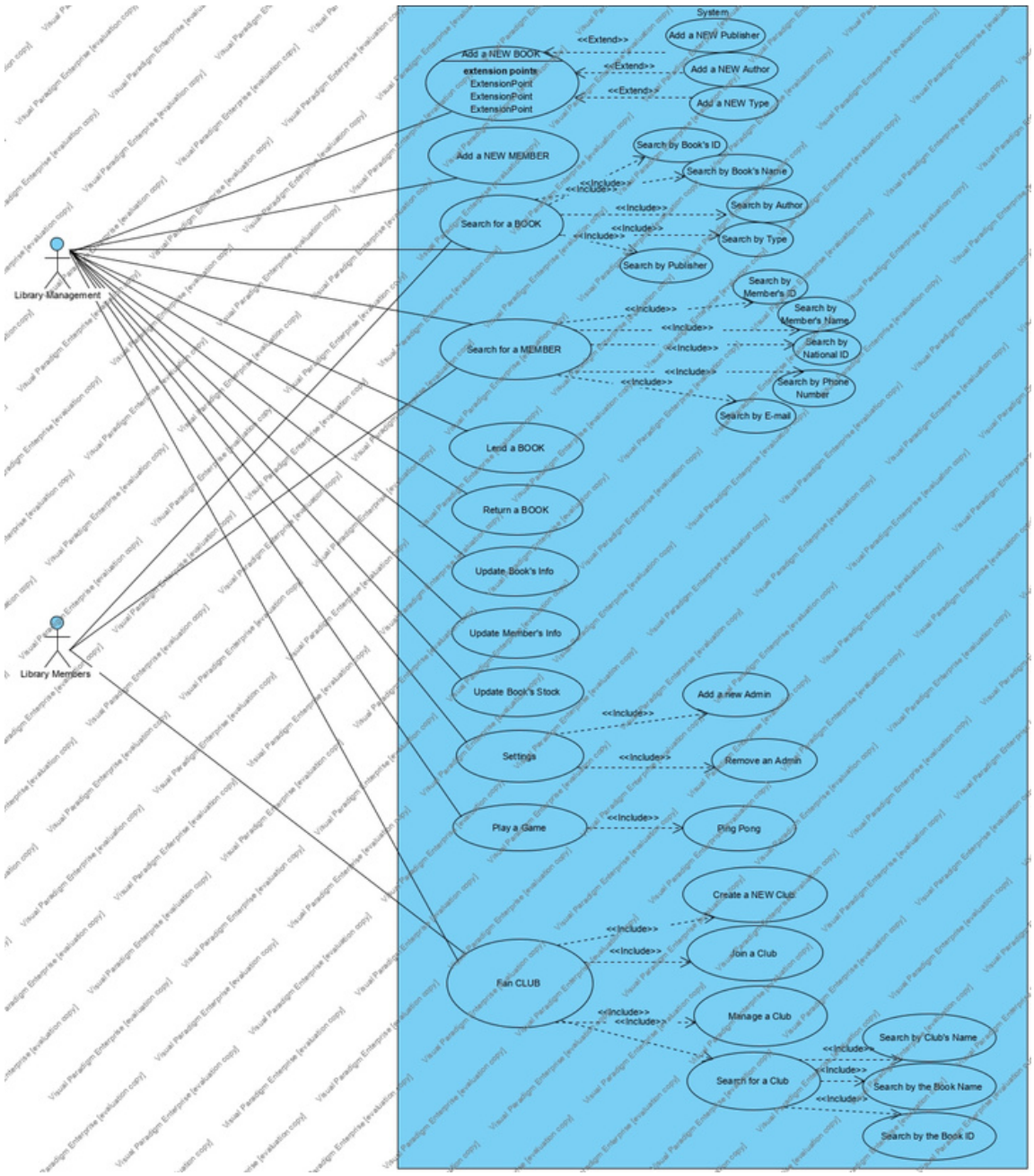
-SEARCH FOR A BOOK



-FAN CLUB

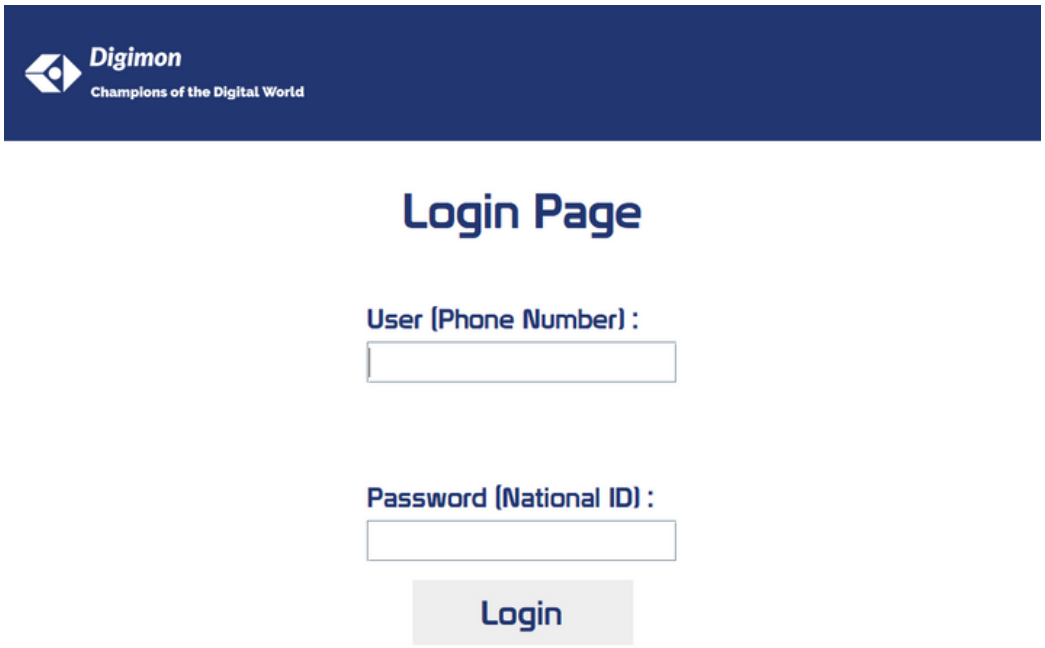


Use Case Diagram

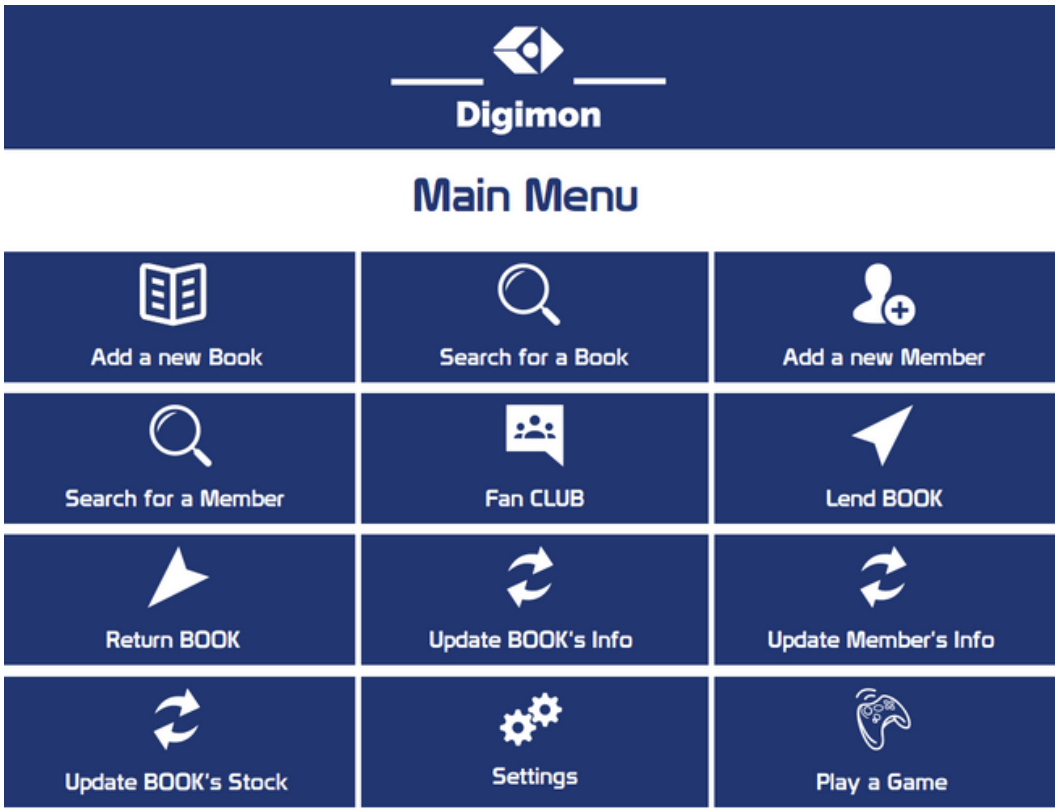


Snapshots

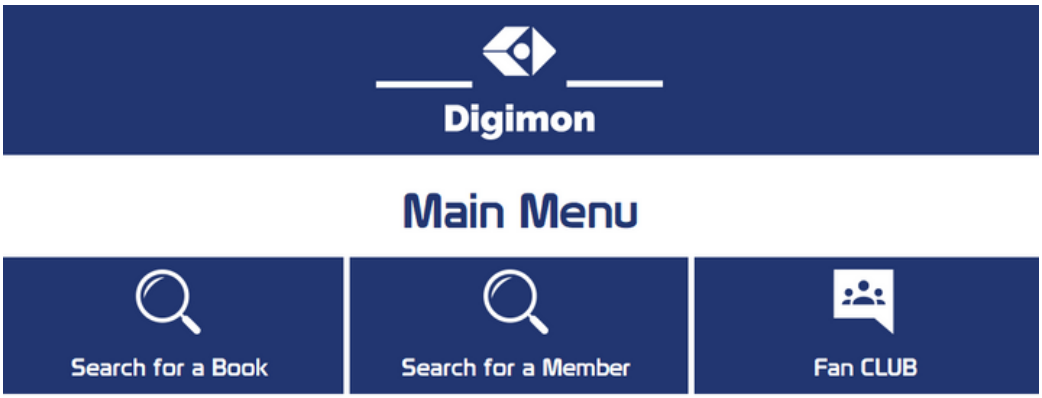
-LOGIN PAGE



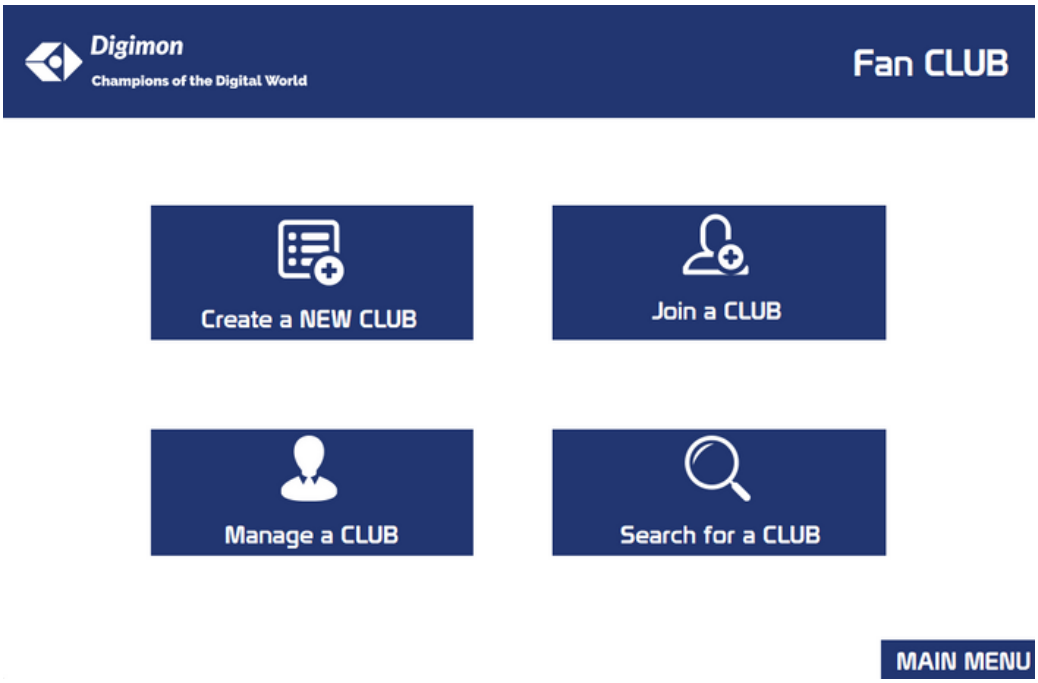
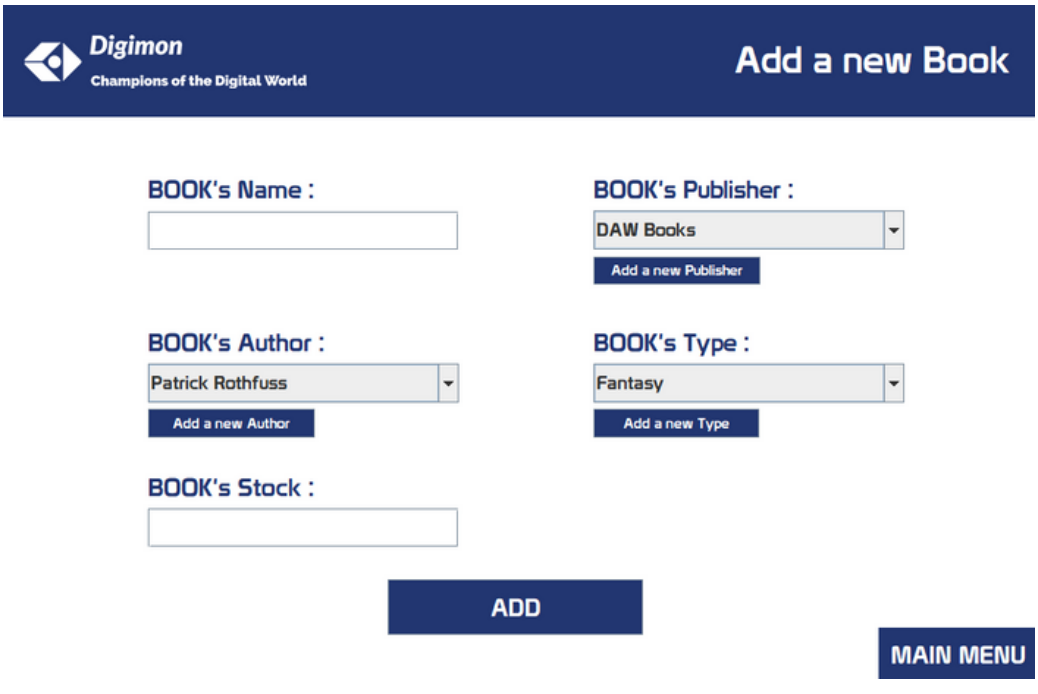
-MAIN MENU FOR ADMINS



-MAIN MENU FOR MEMBERS



-FAN CLUB MENU



-ADD A NEW BOOK FRAME