

**Object-Oriented Programming**

**Edison Lascano PhD**

**NRC:4680**

**BOOKIFY**

**TEAM MEMBERS**

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**TEAM 06 Codex ++**

**TOPIC: Bookify**

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**PROBLEM**

Generated a computerized management system for the different necessary activities such as administration and users records

**OVERVIEW**

**BACKGROUND**

Usually when we talk about libraries only books come to our mind, but is not really the only thing they have, in fact their main function is to provide books to the community, but they also have movie rentals and music cd's service.

What we need to know about this service is the way in which the book, movie and CD lending service works. In general, the customer who requires one of these services is recommended to request a regular customer card which is provided by the library, but if it is not a regular customer or it is his first time, he is asked to leave his identification card or if he is a student, his student card.

The information requested to the customer who requests a card is their personal data and the benefits they get is to withdraw books without the need to leave your ID as it now appears in the library database, discounts on the purchase of books and courses available, extended time to return the book, etc..

The library has a librarian whose function is to guide customers and inform them of the services available, the librarian has a computer which has a database of all books, movies, and cds, which currently have a record of inputs and outputs of products, and the names of the people who withdrew them, also has a blacklist of customers who do not return the products in e;l time provided.

All the products of the library have an ISBN code which is registered in the database, in this way the client only gets the product he wants, he approaches the librarian and she reads the code with a bar reader which is registered in the computer, the client gives his ID card or his ID, the system marks whether he is eligible to withdraw the product or not, and can withdraw his book, and must deliver it on the date set by the library.

