**University of Bahrain College of Information Technology Department of Computer Science**

*ITSE305*

## *library management system*

## Prepared by

* **Muntadher Ali Salman 202005421**

## Mohammed Isa Abdulla 202003421

## Supervised by:

* **Dr. Fawzi Abdulaziz Mohammed Albalooshi (The Instructor)**

**Use case description:**

|  |  |
| --- | --- |
| UC 1-Createaccount:  Mohammed Isa | Through this use case, the user can create a personal account where through this account he can save all the changes he makes and all the information including his purchase and borrowing history. |
| UC 2 – Log in:  Mohammed Isa | The user enters his information such as username and password to be able to access the system or specifically the main menu. |
| UC 3 – manage account:  Mohammed Isa | Through this feature, the user changes any of his account information or even sees his data. |
| UC 4 – Search:  Mohammed Isa | This use case enables the user to search for the book they want by entering the name of the book, the name of the author as well as the ISBN number. |
| UC5 -borrow:  Mohammed Isa | After the user searches for the book he wants, he selects the book and then chooses the borrowing option and of course determines how long the user will borrow the book and the date on which he must return the book. |
| UC 6 – Return:  Muntadher Ali | After the user finishes borrowing the book or in case the user chooses the book for the purpose of buying and then changes his decision and wants to return the book, through this use case he can return it. |
| UC 7 – BUY:  Muntadher Ali | This use case allows the user to purchase the book the user wants. |
| UC 8 – cash:  Muntadher Ali | When purchasing the book that the user wants, he can choose to pay cash when receiving the book. |
| UC 9– credit card:  Muntadher Ali | When the user buys the book he wants, he can choose to pay with a credit card. |
| UC 10 – book refund:  Muntadher Ali | When the user buys the book, he can get his money back by redeeming the book under specific conditions. |
| UC11 – data backup:  Muntadher Ali | The system will back up the user's data for emergencies or when it is needed. |