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| --- | --- | --- |
| **Requirements specification Python’s Library system** | **Functional** | **Non-functional** |
| **Librarian** |  |  |
| 1. Login | **X** |  |
| * 1. Login should be fast |  | **X** |
| * 1. Login should be secure |  | **X** |
| * 1. Login should only work when username is found in the system |  | **X** |
| 1. Register | **X** |  |
| * 1. Register should take only a couple of seconds |  | **X** |
| 1. Import books | **X** |  |
| * 1. Importing books should be quick |  | **X** |
| * 1. Import books should be reliable |  | **X** |
| 1. Import customers | **X** |  |
| * 1. Importing customers should be quick |  | **X** |
| * 1. Import customers should be reliable |  | **X** |
| 1. Show loan administration | **X** |  |
| * 1. Should display all loans |  | **X** |
| * 1. Should work even when no items are loaned |  | **X** |
| 1. Create backup | **X** |  |
| * 1. Should not take long |  | **X** |
| 1. Restore backup | **X** |  |
| * 1. Should not take long |  | **X** |
| **Subscriber** |  |  |
| 1. Login | **X** |  |
| * 1. Login should be fast |  | **X** |
| * 1. Login should be secure |  | **X** |
| * 1. Login should only work when username is found in the system |  | **X** |
| 1. Register | **X** |  |
| * 1. Register should take only a couple of seconds |  | **X** |
| * 1. Register should ask for name, surname, address etc. |  | **X** |
| 1. Show catalogue | **X** |  |
| * 1. Catalogue should be easy to read |  | **X** |
| 1. Search book | **X** |  |
| * 1. Should display when a book is not available |  | **X** |
| * 1. Book search should be able to choose from title, ISBN, published etc. |  | **X** |
| 1. Loan book | **X** |  |
| * 1. Loan book should check the availability | **X** |  |
| * 1. Loan book should display the amount of copies. |  | **X** |
| 1. Return book | **X** |  |
| * 1. Should display all loaned books of your account |  | **X** |
| **Publishing Company** |  |  |
| 1. Login | **X** |  |
| * 1. Login should be fast |  | **X** |
| * 1. Login should be secure |  | **X** |
| * 1. Login should only work when username is found in the system |  | **X** |
| 1. Register | **X** |  |
| * 1. Register should take only a couple of seconds |  | **X** |
| * 1. Register should ask for name, surname, address etc. |  | **X** |
| 1. Show catalogue | **X** |  |
| * 1. Catalogue should be easy to read |  | **X** |
| 1. Search book | **X** |  |
| * 1. Should display when a book is not available |  | **X** |
| * 1. Book search should be able to choose from title, ISBN, published etc. |  | **X** |
| 1. Loan book | **X** |  |
| * 1. Loan book should check the availability | **X** |  |
| * 1. Loan book should display the amount of copies. |  | **X** |
| 1. Return book | **X** |  |
| * 1. Should display all loaned books of your account |  | **X** |