Library manager - requirements specification

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User stories:

- **Add user** – As librarian I want to add new user and automatically give him new unique id. (for library card)
- **Delete user** – As librarian I want to delete user, if the user wishes to do so.
- **Add book** – As librarian I want to add new book, that appeared in the library.
- **Delete book** – As librarian I want to delete book, if damaged or lost.
- **Rent book for user** – As librarian I want to rent book if user ask me to do it in the library.
- **View changes made previously** – As librarian I want to history of changes for books and users made by other librarians.

Functional requirements:

- **Add user:**

  Description – Adding user to data base by providing first name, last name, personal identity number (PESEL) and date of birth.

  Requirements – Generate unique user id.

- **Delete user:**

  Description – Simple delete user from data base after confimation.

  Requirements – If the user still has borrowed books, it cannot be deleted.

- **Add book**

  Description – Adding book to data base by providing book title, release date and book Id from actual barcode sticker.

  Requirements – Check for unique barcode stickers id.

- **Delete book**

  Description – Simple delete book from data base.

  Requirements – Need double confirmation.

- **Rent book for user**

  Description – Rent available book for user. Assign an appropriate time limit to this rental given by librarian.

  Requirements – check whether the user has not borrowed too many books.

- **Change history**

  Description – Clear access to the history of changes.

  Requirements – without the ability to delete records.