**Name** Login

**Participants** Librarian

Subscriber

**Flux of events** 1.The participants activate the Login function of the terminal

2.The participants insert their Username and Password

3.The system checks the information

4.The system shows the Login confirmation and gives acces to the participants to the Menu

**Input conditions** The Login information is valid

**Output conditions** The participants can acces the Book List

**Quality requirements** The system checks the information in less than 3 seconds.

**Name** Manage all subscribers

**Participants** Librarian

**Flux of events** 1.The participant activates the Manage all subscribers function of the terminal

2.The system will show a window with managing options and a list will all the subscribers

**Input conditions** The participant must be logged in

**Output conditions** The participant can Add,Update or Delete Subscribers

**Quality requirements** The system shows the menu in less than 3 seconds.

**Name** Manage all books

**Participants** Librarian

**Flux of events** 1.The participant activates the Manage all books function of the terminal

2.The system will show a window with managing options and a list will all the books

**Input conditions** The participant must be logged in

**Output conditions** The participant can Add,Update or Delete Books

**Quality requirements** The system shows the menu in less than 3 seconds.

**Name** Consult available books

**Participants**  Subscriber

**Flux of events** 1.The participant activates the Consult available books function of the terminal

2.The system will show a list of all available books and a Borrow Book option

**Input conditions** The subscriber is logged in

**Output conditions** The participant can view the Book List

**Quality requirements** The system shows the menu in less than 3 seconds.

**Name** Add new subscriber

**Participants** Librarian

**Flux of events** 1.The participant activates the Add new subscriber function of the terminal

2.The participant inserts the new subscribers information

3.The system checks the information

4.The system adds the new subscriber to the subscriber list and to the data base

**Input conditions** The Librarian is logged in

**Output conditions** The Librarian adds a new subscriber

**Quality requirements** The system adds the information in less than 3 seconds.

**Name** Update existing subscriber

**Participants** Librarian

**Flux of events** 1.The participant activates the Update exisintg subscriber function of the terminal

2.The participant inserts the new information

3.The system checks the information

4.The system updates the existing subscriber in the subscriber list and in the data base

**Input conditions** The Librarian is logged in and the subscriber exists in the data base

**Output conditions** The Librarian updates a subscriber

**Quality requirements** The system updates the information in less than 3 seconds.

**Name** Delete existing subscriber

**Participants** Librarian

**Flux of events** 1.The participant activates the Delete existing subscriber function of the terminal

2.The participant inserts the required information

3.The system checks the information

4.The system deletes the existing subscriber from the subscriber list and from the data base

**Input conditions** The Librarian is logged in and the subscriber exists in the data base

**Output conditions** The Librarian deletes a subscriber

**Quality requirements** The system deletes the information in less than 3 seconds.

**Name** Add new book

**Participants** Librarian

**Flux of events** 1.The participant activates the Add new book function of the terminal

2.The participant inserts the new information

3.The system checks the information

4.The system adds the new book to the book list and to the data base

**Input conditions** The Librarian is logged in

**Output conditions** The Librarian adds a new book

**Quality requirements** The system adds the information in less than 3 seconds.

**Name** Update existing book

**Participants** Librarian

**Flux of events** 1.The participant activates the Update existing book function of the terminal

2.The participant inserts the new information

3.The system checks the information

4.The system updates the existing book in the book list and in the data base

**Input conditions** The Librarian is logged in and the book exists in the data base

**Output conditions** The Librarian updates a book

**Quality requirements** The system updates the information in less than 3 seconds.

**Name** Delete existing book

**Participants** Librarian

**Flux of events** 1.The participant activates the Delete existing book function of the terminal

2.The participant inserts the required information

3.The system checks the information

4.The system deletes the existing book from the book list and from the data base

**Input conditions** The Librarian is logged in and the book exists in the data base

**Output conditions** The Librarian deletes a book

**Quality requirements** The system deletes the information in less than 3 seconds.

**Name** Return borrowed book

**Participants** Librarian

**Flux of events** 1.The participant activates the Return borrowed book function of the terminal

2.The participants inserts the borrowed book information

3.The system checks the information

4.The system modifies the existing book information in the book list and in the data base

**Input conditions** The Librarian is logged in and the book exists in the data base

**Output conditions** The book is returned

**Quality requirements** The system checks the information in less than 3 seconds.

**Name** Borrow an available book

**Participants** Subscriber

**Flux of events** 1.The participant activates the Borrow an available book function of the terminal

2.The participant chooses a book from the available books list

3.The system checks the selection

4.The system modifies the information for that book

**Input conditions** The Subscriber is logged in and the book exists in the data base

**Output conditions** The Subscriber recieves the book

**Quality requirements** The system checks the information in less than 3 seconds.