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| **Use Case Name:**  Manage Member |  | **ID:**5 |  | **Importance Level:** | | High |
| **Primary Actor:**  Librarian |  | **Use Case Type:** | | | Essential, Detail | |
| **Stakeholders and Interest:** | | | | | | |
| Librarian – someone needs to create, delete, edit member’s data. | | | | | | |
| **Brief Description:** | | | | | | |
| The librarian can create new member data in system. Then librarian can edit or delete member data when he need. | | | | | | |
| **Trigger:** | Create new member data, or edit and delete when librarian need. | | | | | |
| **Type:** | External | | | | | |
| **Relationship:** | | | | | | |
| **Association:** | Librarian | | | | | |
| **Include:** |  | | | | | |
| **Extend:** |  | | | | | |
| **Generalization:** |  | | | | | |
| **Normal Flow of Event:** | | | | | | |
| 1. The librarian login in system, if input wrong account or password, input it again. 2. The librarian choose function.   If the librarian wants to create a new member data,   the S-1: create member information is performed,  If the librarian wants to edit member data,   the S-2: edit member information is performed,  If the librarian wants to delete member data,   the S-3: delete member information is performed. | | | | | | |
| **Sub Flow:** | | | | | | |
| S-1: Create member information   1. The library need to input member id. 2. System will check member id, if id has been used, then librarian need to input member id again. 3. The librarian input any member’s information it need to save. 4. When librarian click save button, system will show a confirm message to librarian, if librarian not confirm, system will go back to choose function page. 5. If librarian confirm create, saving every member information librarian has input.   S-2: Edit book information   1. The librarian need to input member id in system, if system didn’t find member id, then librarian need to input member id again. 2. The librarian can update any member information except member id. 3. When librarian click save button, system will show a confirm message to librarian, if librarian not confirm, system will go back to choose function page. 4. If librarian confirm edit, saving every member information librarian has changed.   S-3: Delete book information   1. The librarian need to input member id in system, if system didn’t find member id, then librarian need to input member id again. 2. The system will check member state, if member has overdue books, show warming message and stop delete member information. 3. When librarian click delete button, system will show a confirm message to librarian, if librarian not confirm, system will go back to choose function page. 4. If librarian confirm delete, the member will be delete in database. | | | | | | |
| **Alternative / Exception Flow:** | | | | | | |
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