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| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Name:**  Check overdue time |  | **ID:**8 |  | **Importance Level:** | | Middle |
| **Primary Actor:**  Time |  | **Use Case Type:** | | | Essential, Detail | |
| **Stakeholders and Interest:** | | | | | | |
| Time – everyday 0 o’clock check every borrowed book is overdue or not. | | | | | | |
| **Brief Description:** | | | | | | |
| This function will work on everyday 0 o’clock. It will check every book is overdue or not. If it is, it will change member’s state and book’s state to overdue. | | | | | | |
| **Trigger:** | Everyday 0 o’clock. | | | | | |
| **Type:** | External | | | | | |
| **Relationship:** | | | | | | |
| **Association:** | Time | | | | | |
| **Include:** |  | | | | | |
| **Extend:** |  | | | | | |
| **Generalization:** |  | | | | | |
| **Normal Flow of Event:** | | | | | | |
| 1. The time will check every book’s state.   If the book is overdue,  the S-1: change book state is performed. | | | | | | |
| **Sub Flow:** | | | | | | |
| S-1: Change Book State   1. The book’s state will change to overdue. 2. The member who borrow this book will plus 1 overdue books in state. | | | | | | |
| **Alternative / Exception Flow:** | | | | | | |
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