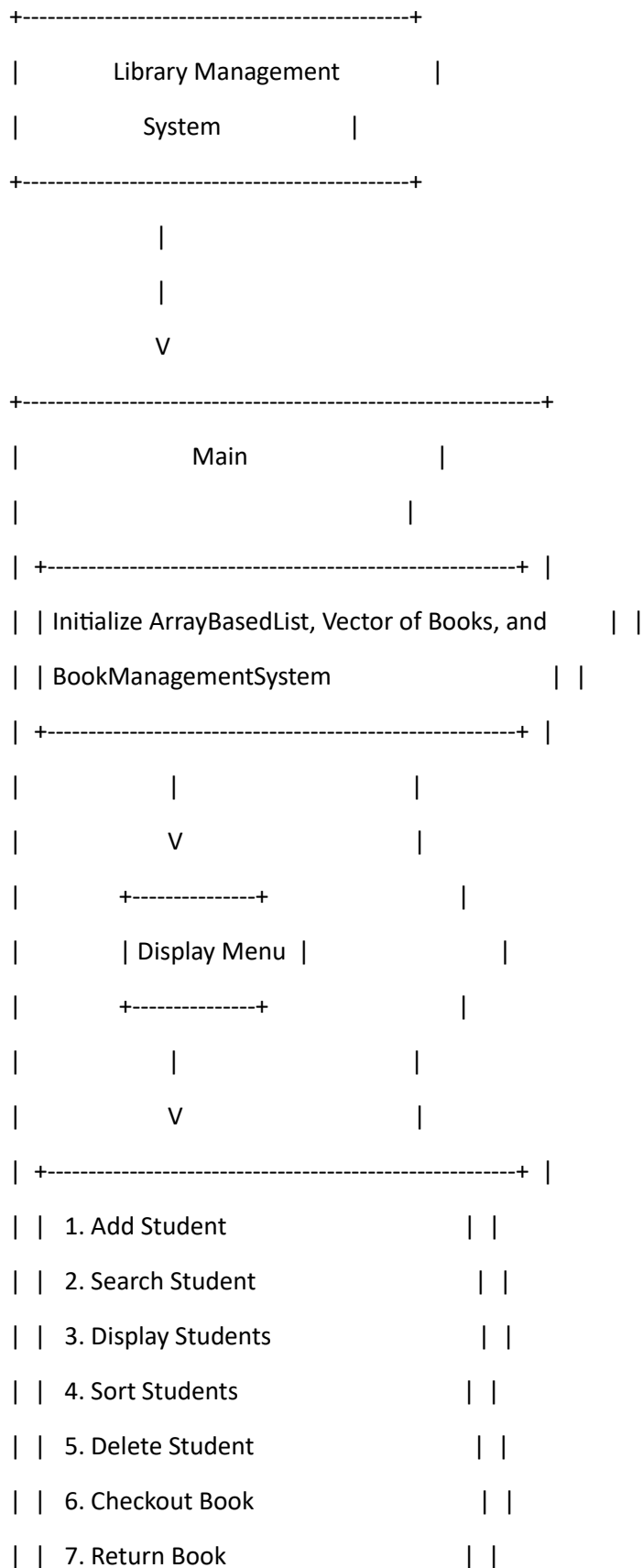


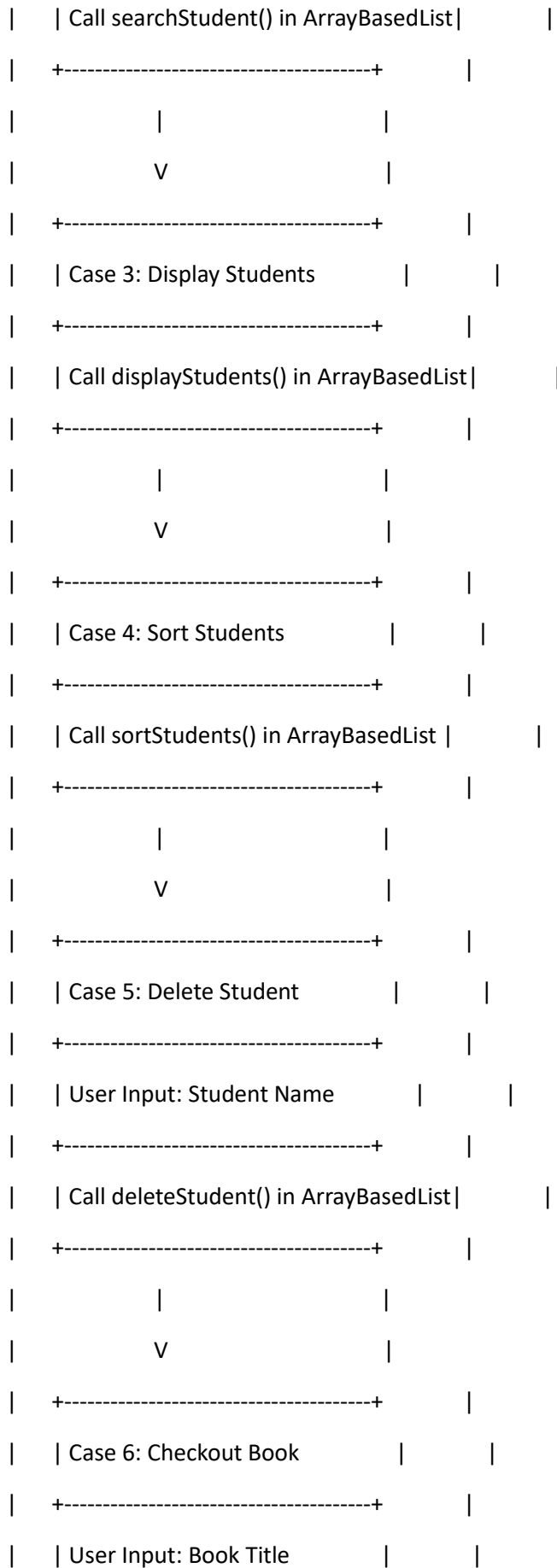
→ *FLOWCHART: (LIBRARY MANAGEMENT SYSTEM)*

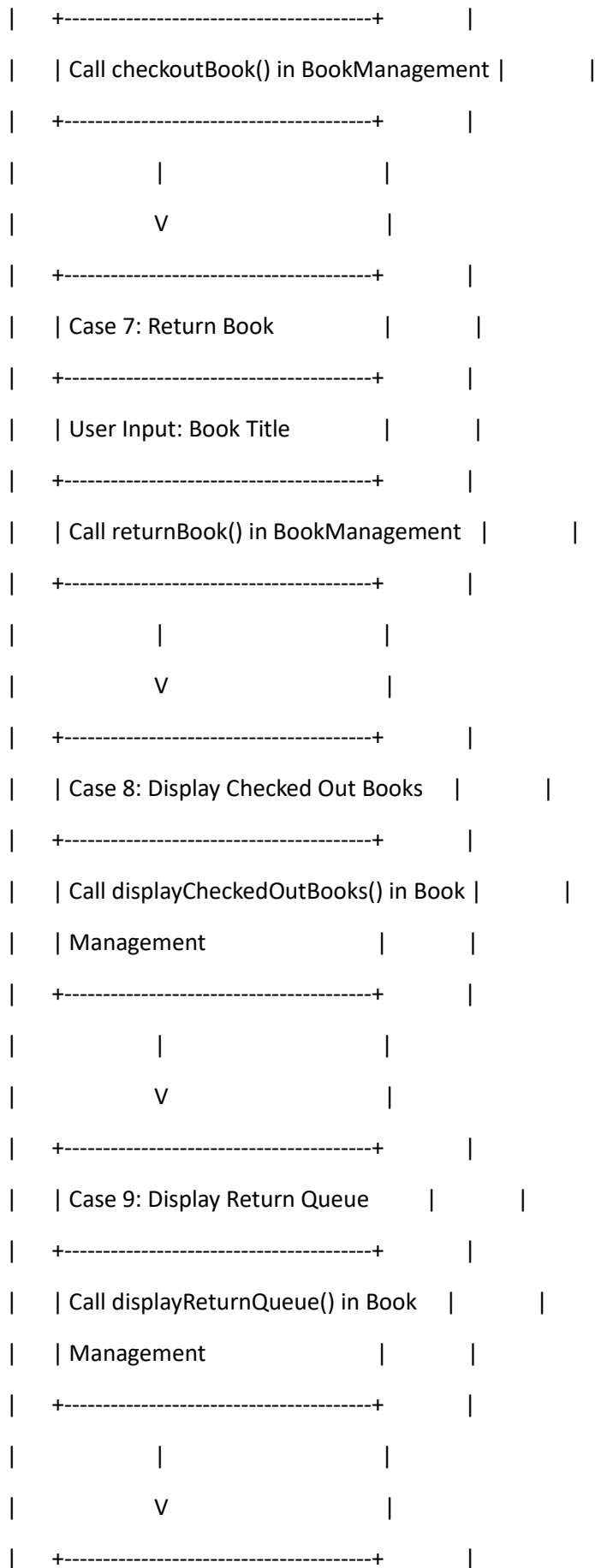


```

| | 8. Display Checked Out Books          | |
| | 9. Display Return Queue              | |
| | 10. Display Available Books          | |
| | 11. Exit                             | |
| | 12. Display Hardcoded Students and Books | |
| +-----+ |
|         |         |
|         v         |
| +-----+ |
| | User Input: Choice          | |
| +-----+ |
|         |         |
|         v         |
| +-----+ |
| | Switch (Choice)            | |
| +-----+ |
|         |         |
| +-----+ |
| | Case 1: Add Student        | |
| +-----+ |
| | User Input: Student Information | |
| +-----+ |
| | Call addStudent() in ArrayList | |
| +-----+ |
|         |         |
|         v         |
| +-----+ |
| | Case 2: Search Student     | |
| +-----+ |
| | User Input: Student Name   | |
| +-----+ |

```





Case 10: Display Available Books	
+-----+	
Call displayAvailableBooks() in Book Management	
+-----+	
V	
+-----+	
Case 11: Exit	
+-----+	
Display Exit Message	
+-----+	
V	
+-----+	
Case 12: Display Hardcoded Students	
+-----+	
Call displayStudents() in ArrayBasedList	
Call displayAvailableBooks() in Book Management	
Call displayCheckedOutBooks() in Book Management	
+-----+	
+-----+	