|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Create Manager  Type = Manager | 1 | -2 | |  | | --- | | Events and Preconditions | |
| Delete Manager  Type = Manager | 1 | -3 |
| Hire Librarian  Type = Manager | 1 | -4 |
| Fire Librarian  Type = Manager | 1 | -5 |
| Add Book  Type = Librarian | 1 | -6 |
| Delete Book  Type = Librarian | 1 | -7 |
| Add User  Type = Librarian | 1 | -8 |
| Delete User  Type = Librarian | 1 | -9 |
| Search Book  Type = Member | 1 | -10 |
| Borrow Book  Type = Member | 1 | -11 |
| Return Book  Type = Member | 1 | -12 |
| Extend Borrow time  Type = Member | 1 | -13 |
| Extend Membership time  Type = Member | 1 | -14 |
| Login | -1 | 1 |
| Logout | 0 | -16 |
| CSPEC | 1 | 0 |
| States | |