

Practical No. 3

AIM: Create a class diagram using star UML for library management using the classes with their attributes also, get the appropriate relationship between the classes and tools from box.

- i. It has a book classes, book has author and has author class.
- ii. In order to book information, it has book item class which uses some of the properties.
- iii. It needs an account for reserving book by the user so it has an account class.
- iv. In account class there is attributes named state which uses a numeration name account state.
- v. It also has a class library to manage the account user and the book.
- vi. It has a user class to manage the user details that has an account in the library and can barrow and return book to the library.
- vii. The system also has interface scanner where the user searches the book, he needed from the catalogue class.

