HNDIT 2312 Software Engineering
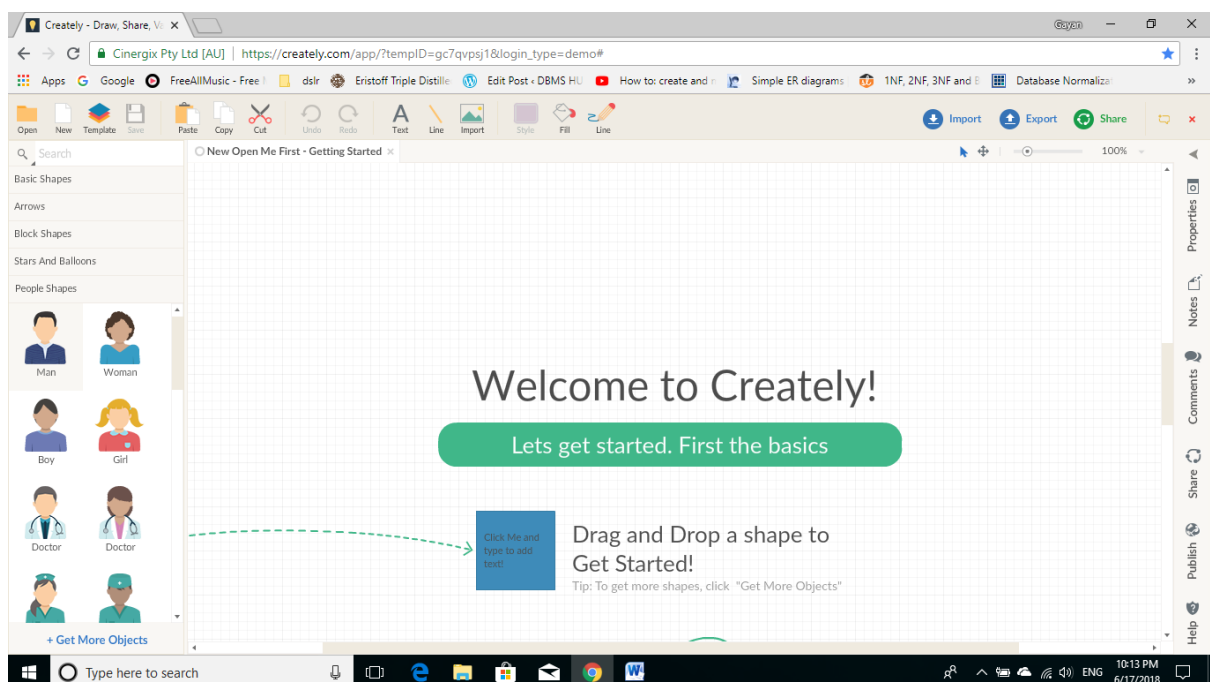**2ⁿᵈ Year**
Lab Sheet-05

Objectives: Student will be able to identify actors, use cases and their relationship. They will be able to draw UML use cases diagrams using tools.
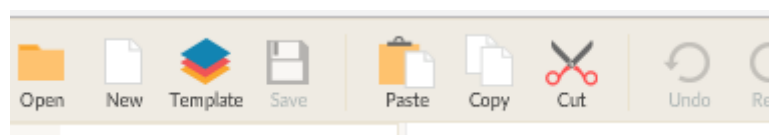
Individual Activity

1. Every student should visti the web site with following URL to draw UML diagrams.

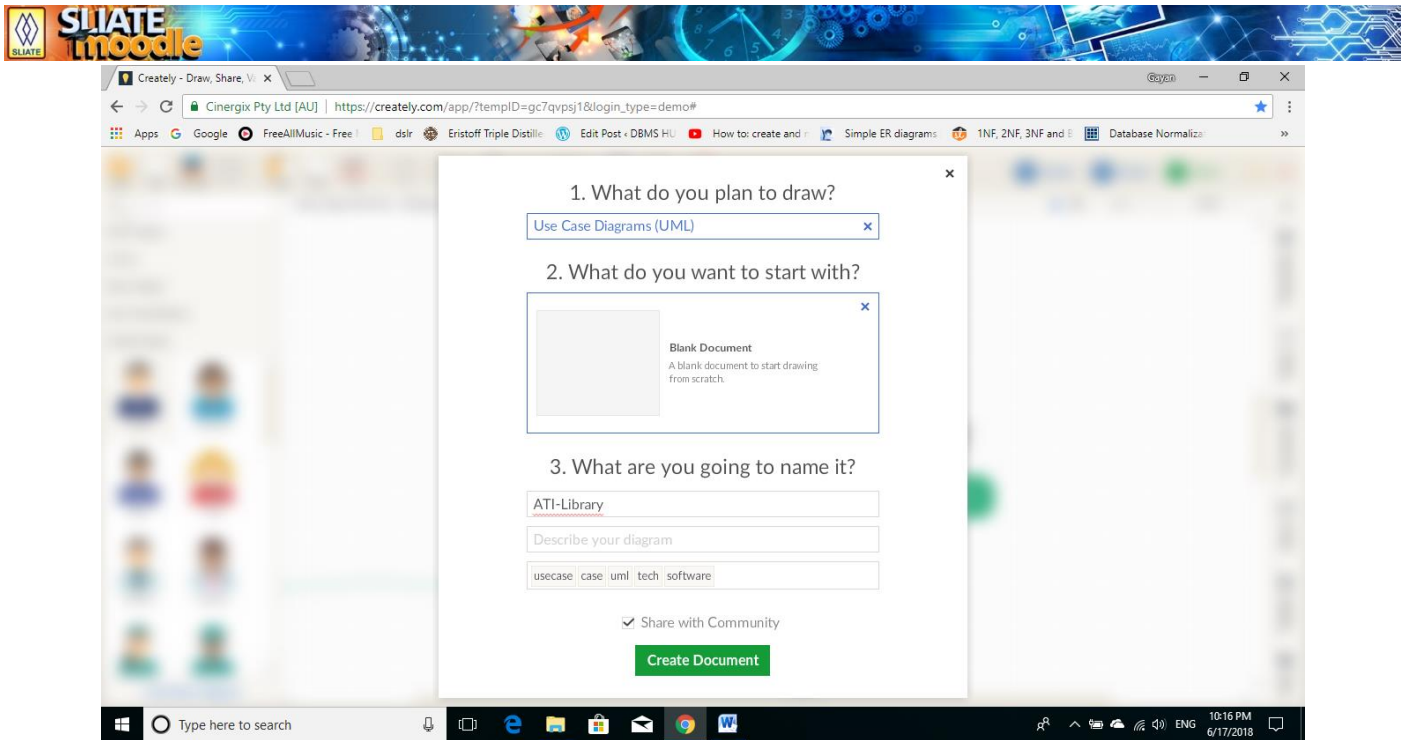https://creately.com/diagram-products#online

2. Click on the Try Online option in the Creatly Online. Then it'll open the Getting start page. You can log withing any Google account.
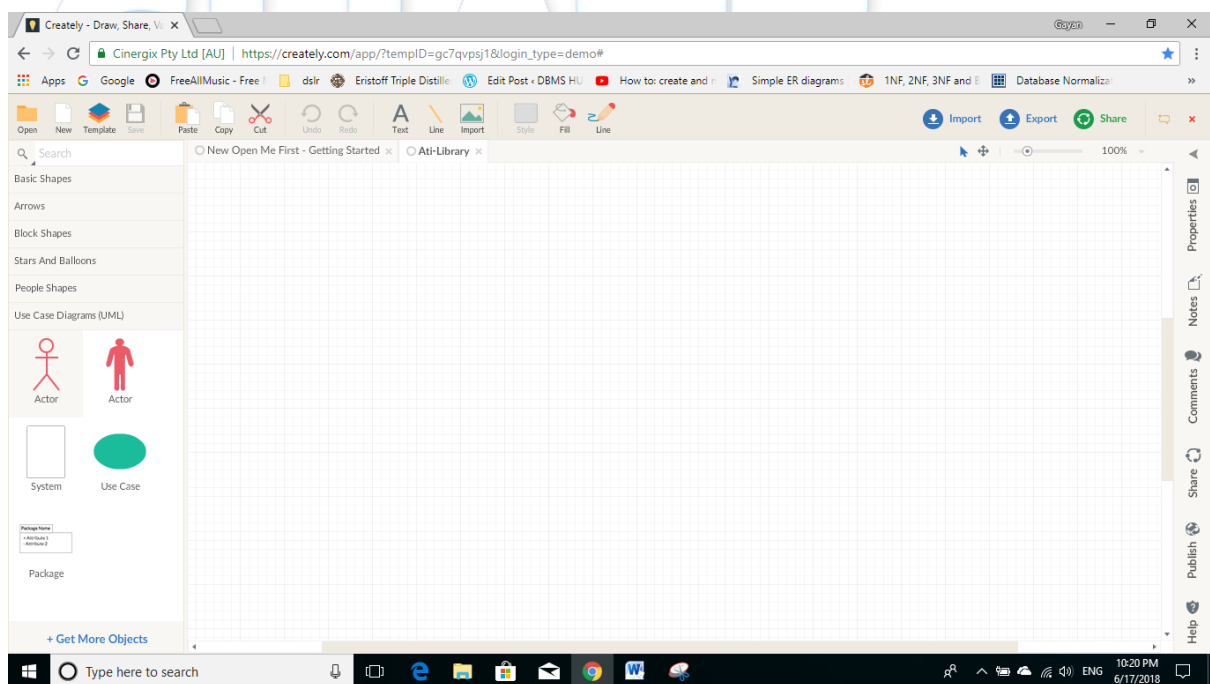

3. Click on the New option and select the Use case diagram from the List.Select blank document and give any name for the diagram. Click on the Create document.
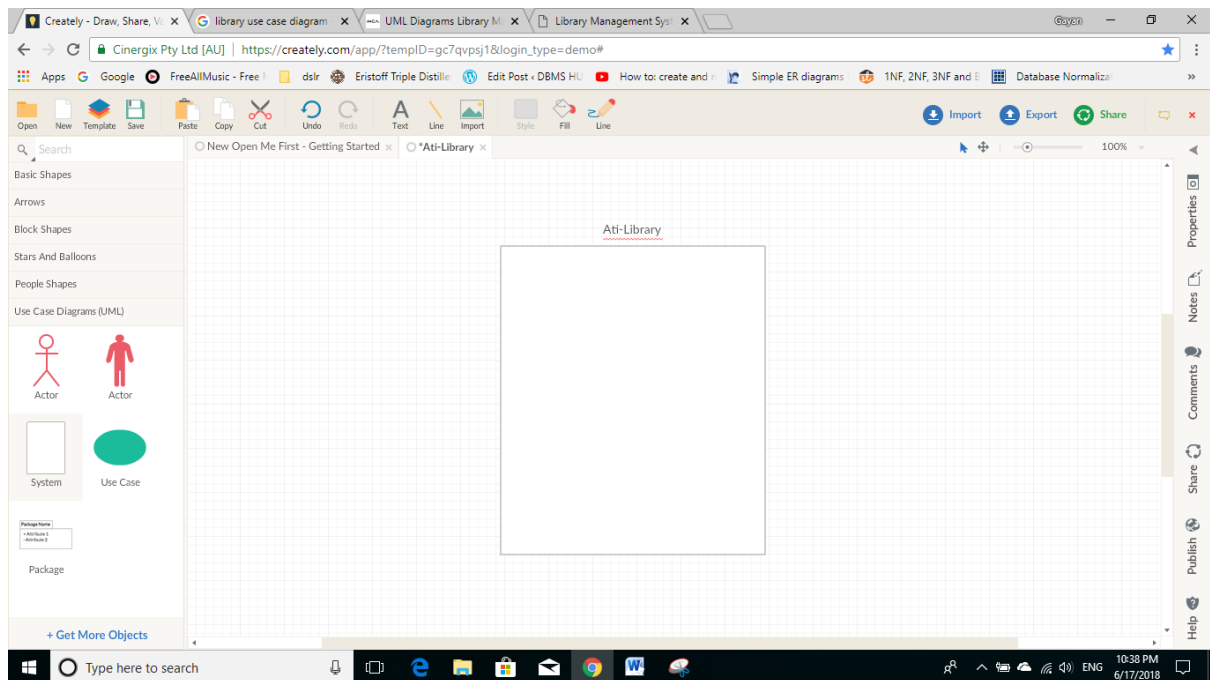
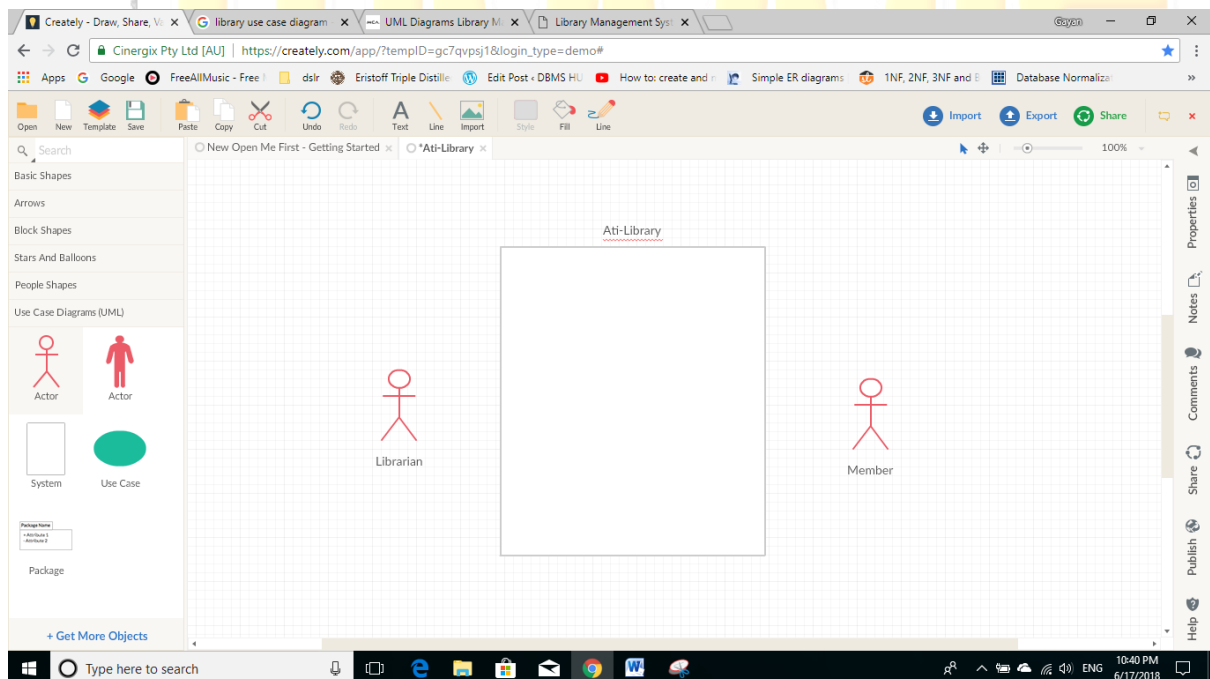4. You can see work space to draw the UML diagram with tool box.

5. The following table explain Library Management system's actors and use cases.

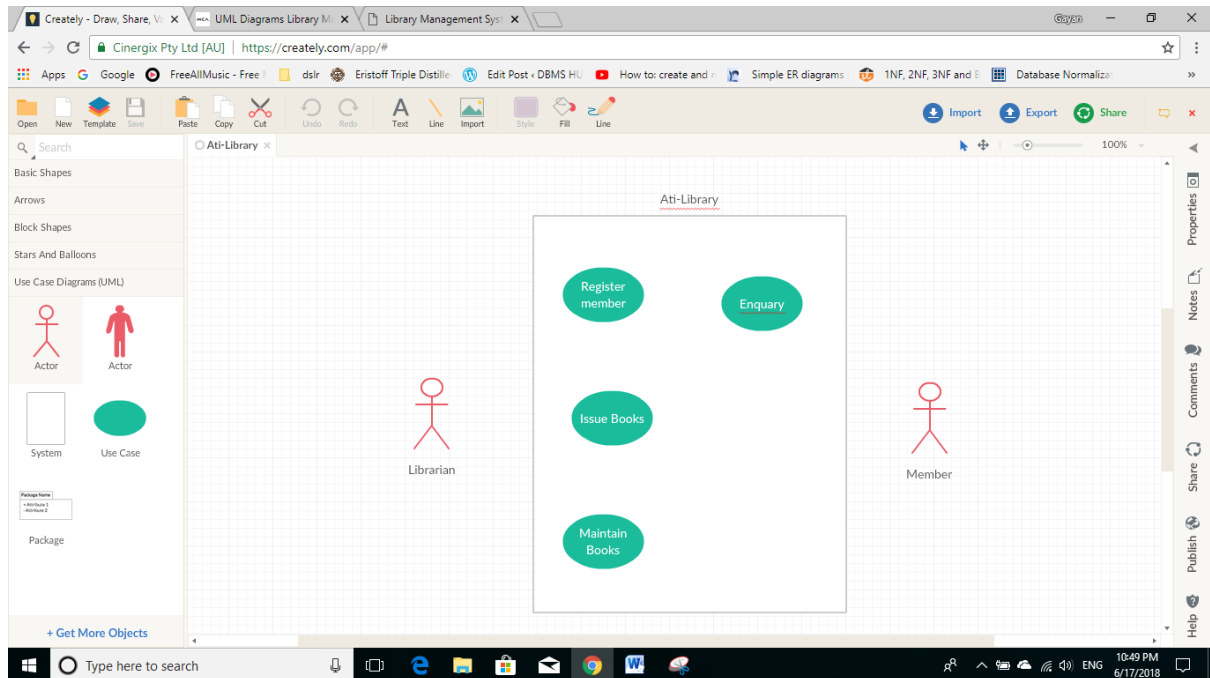| Librarian	Member
Issue Books	Enquiry
Return Books	Issue Books
Maintain Books	Return Books

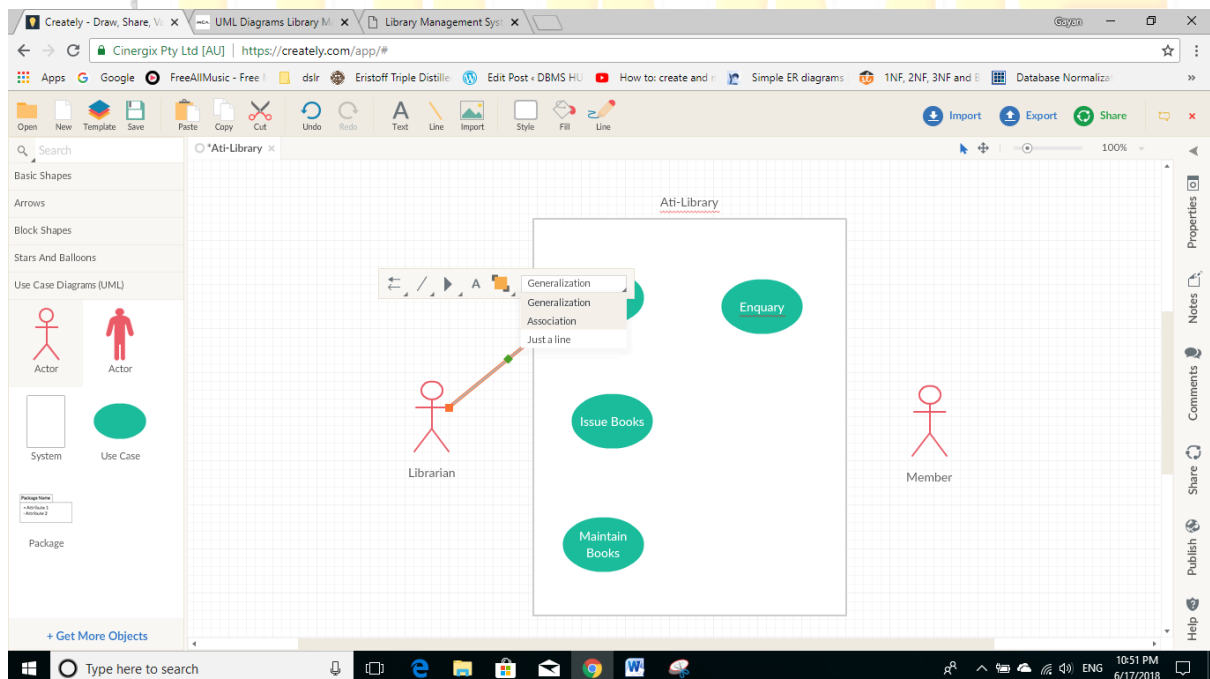6. Drag and drop the System and label as Ati-Library.

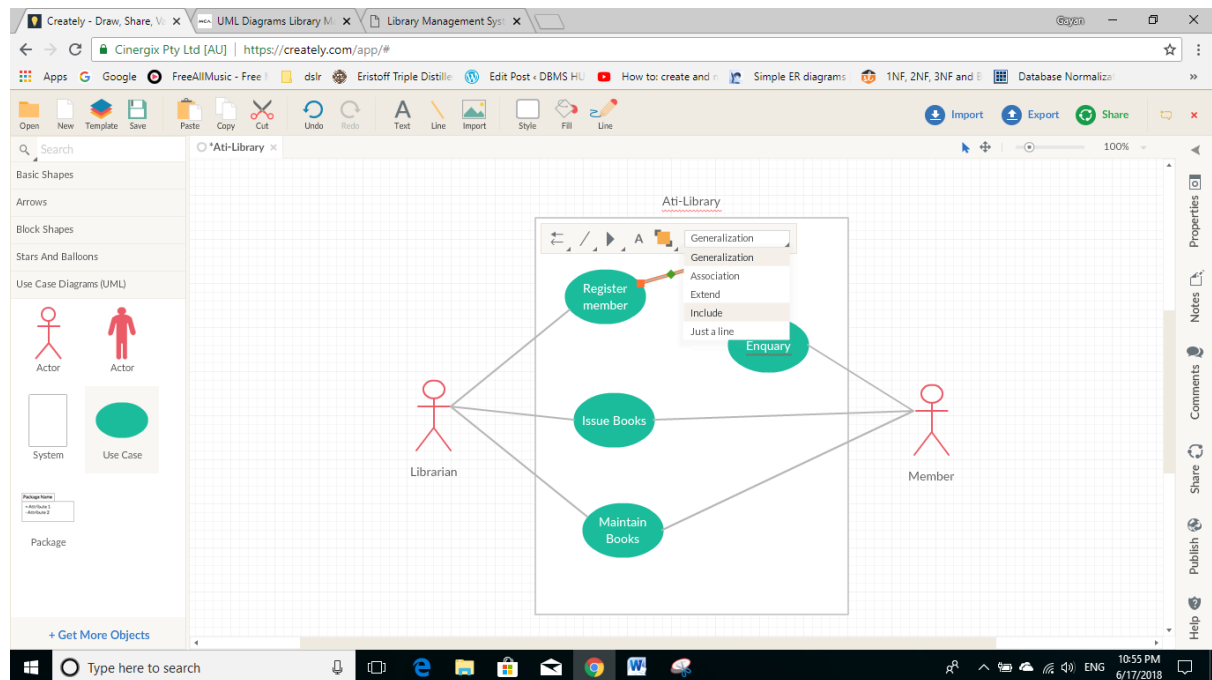7. Drag and drop Two actors and rename as Librarian and Member.

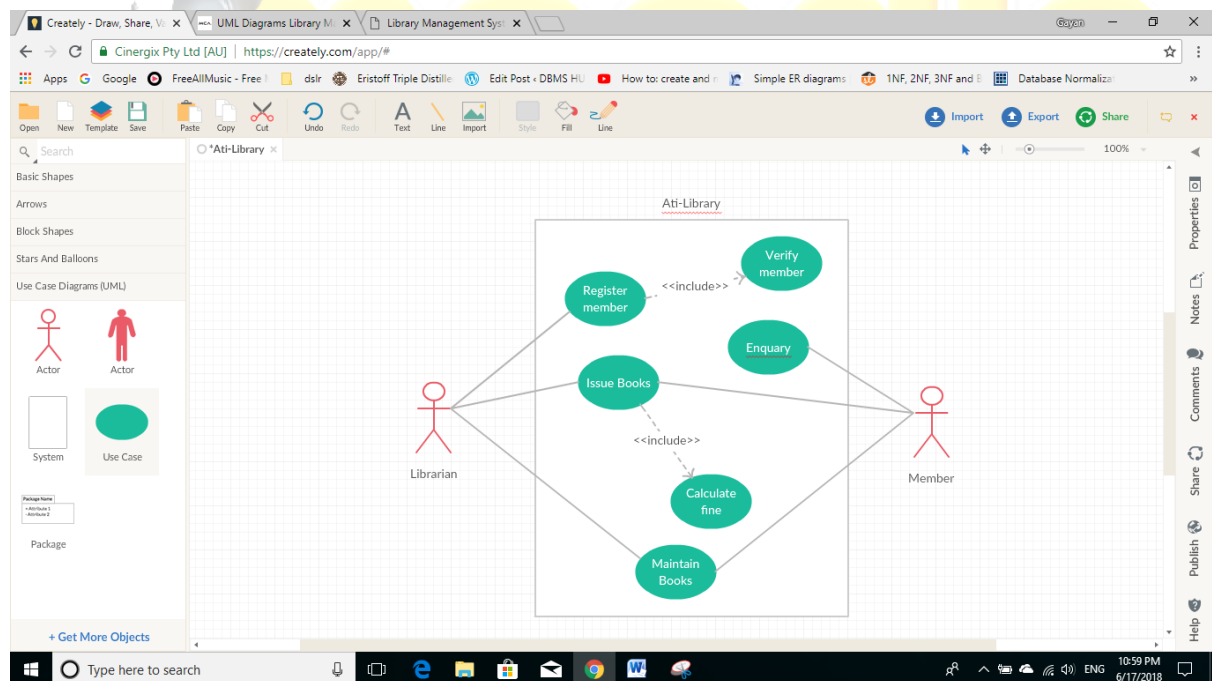8. Add use cases for two actors and label as mention in the table.

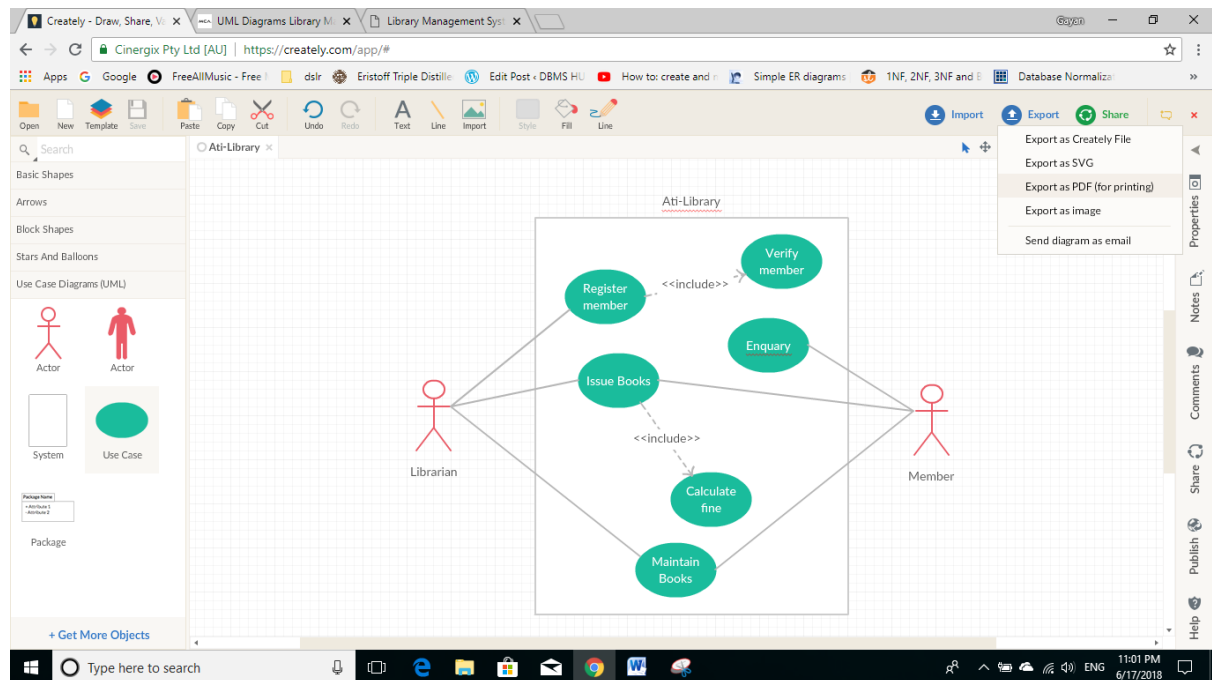9. Add the association relationship to each use cases with actors.

10. Add include dependencies between use cases.

11. Add additional include and execlude dependencies.

12. You can export use case diagram as pdf document and save to local pc.

13. Select the following option to export the document.