Points about the Project Submission

Project Presentation – Saturday: You should complete the 5 basic use cases on Saturday morning. Your team needs to demonstrate project work for the basic use cases below to satisfy the requirements. Each team member takes some part in the presentation.

1. Login

2. Add a new library member to the system.

3. Add a book to the library collection.

4. Checkout a book for a library member.

5. Add a copy of an existing book to the library collection.

Final Submission: Submit your project on Sakai on or before (Monday 10 am). Your submission folder must include the following requirements.

Requirement 1: The Power point slide (PPT File) includes the following requirements.

a. Title with Group Number and Team Member's name.
b. Use Case Diagram of the Library System with the proper signature.
c. Final Detail Class Model with Business, Data access and UI Layers to perform add new library member use case. No need to show all the methods from Data Access and UI. Show only related to add new library member.

   [Necessary attributes and behavior recommended by the associations with Business, UI and Data Access layers. Don't include getters and setters in the class model]
d. Sequence diagram must capture the flow of
   a. What UI features are involved in the use case?
   b. How the UI communicates with the controller.
   c. What the controller does in response to the request from the UI

   You have to draw the sequence diagrams for the below use cases

   1. Checkout Book Use case
   2. Add a copy of an existing book.
   3. Add a new member.

e. Discussion on Validation Rules of UI Windows.
f. Conclusion with SCI Knowledge. Capture two main points from your project and relate each point with SCI knowledge.

Requirement 2:

    a. Complete Project Source Code either a Compressed File or GitHub Link.

Submission Requirement

- Include the listed requirements and Compress your Folder. **Then upload on Sakai Project assignments on or before Monday morning 10 AM.**

  - Include your Power point Presentation Document
  - Complete Project Folder compressed / GitHub Link
  - Sequence diagram, Class diagram and Use case Diagrams are not clear in your Presentation (PPT File), submit the clear vision in either (.jpeg, or .pdf) format separately.

Project Evaluation Split UP

a) Satisfying the PPT requirements [10 Points]

Use Case Model

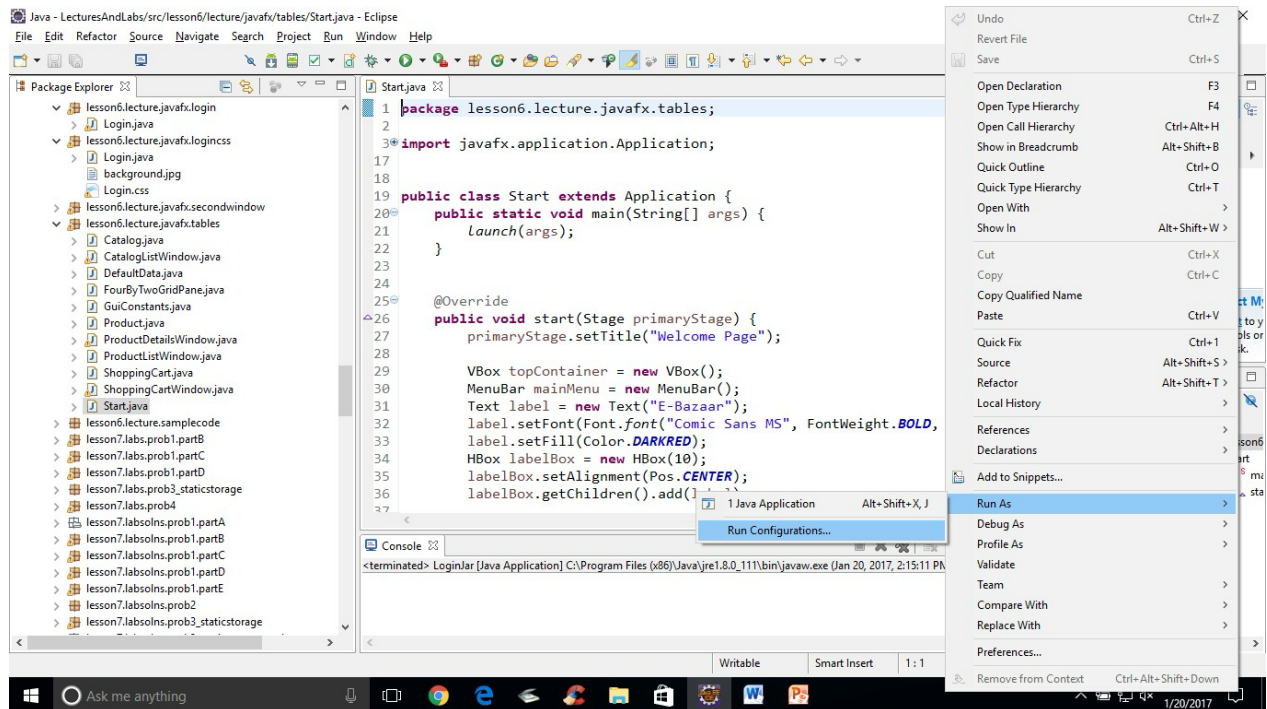Class Model

Sequence Diagrams

Validation Rules

SCI Conclusion

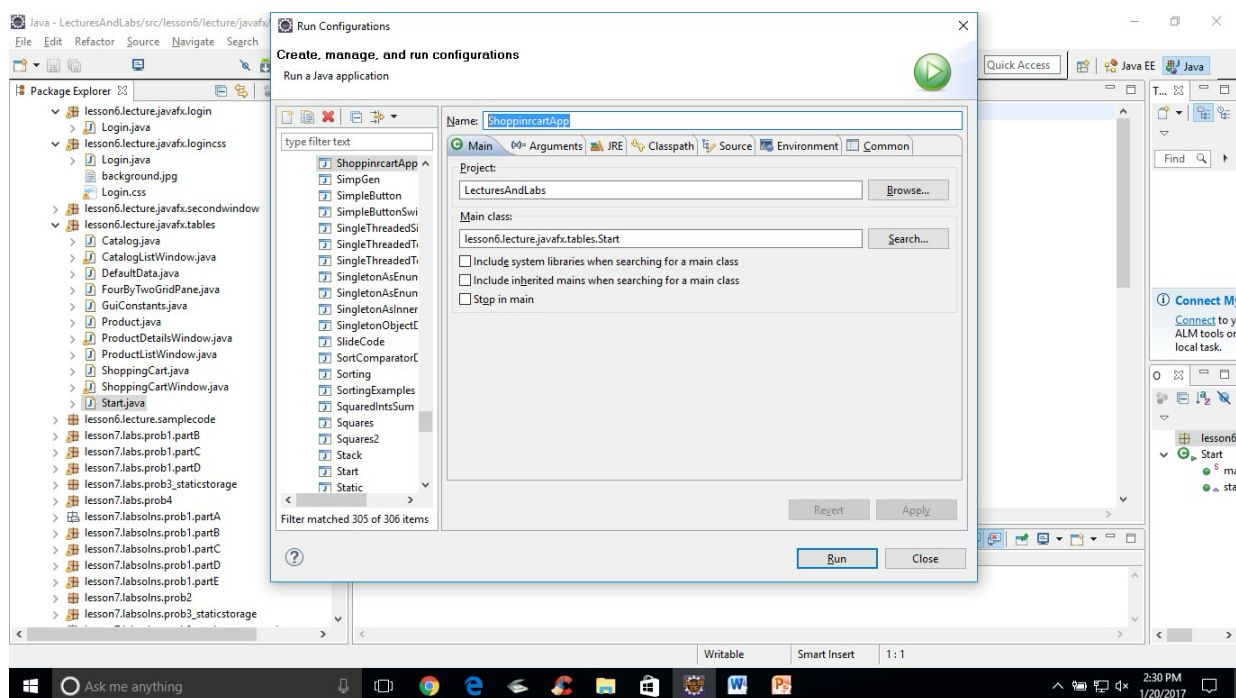**b) Demonstrating the 5 use cases without issues [25 Points]**

Total Points: 35 Points. Finally, it will convert into 10.

Making Jar File(Optional – Just a Knowledge)

Step : 1 Right Click on your Application and Click Run As -> Run Configuration
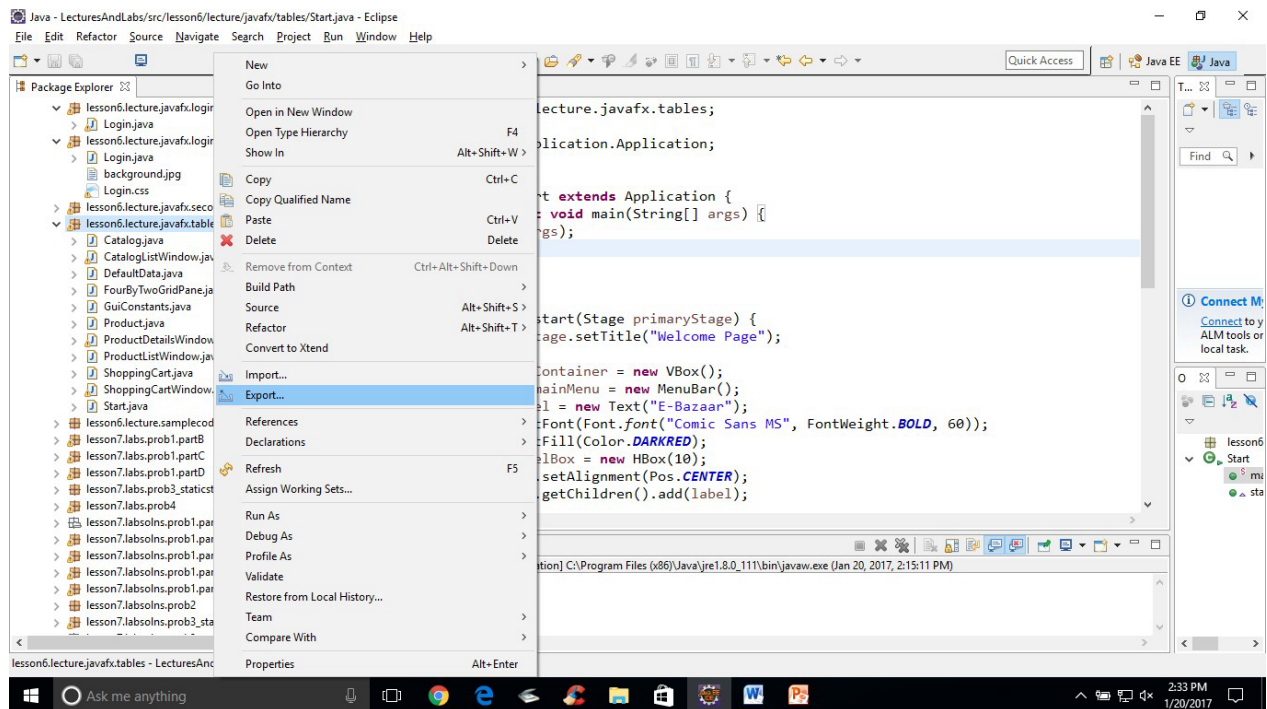

Step : 2 : Duplicate the Configuration Name for easy Identification
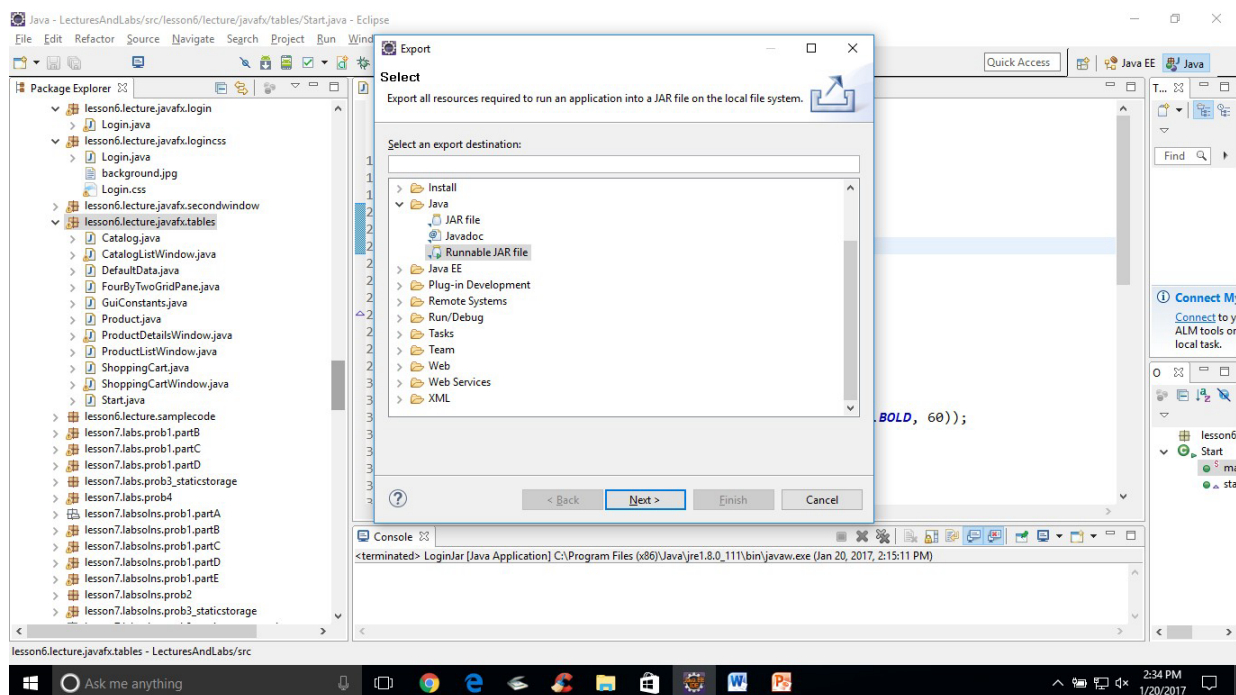
Step: 3

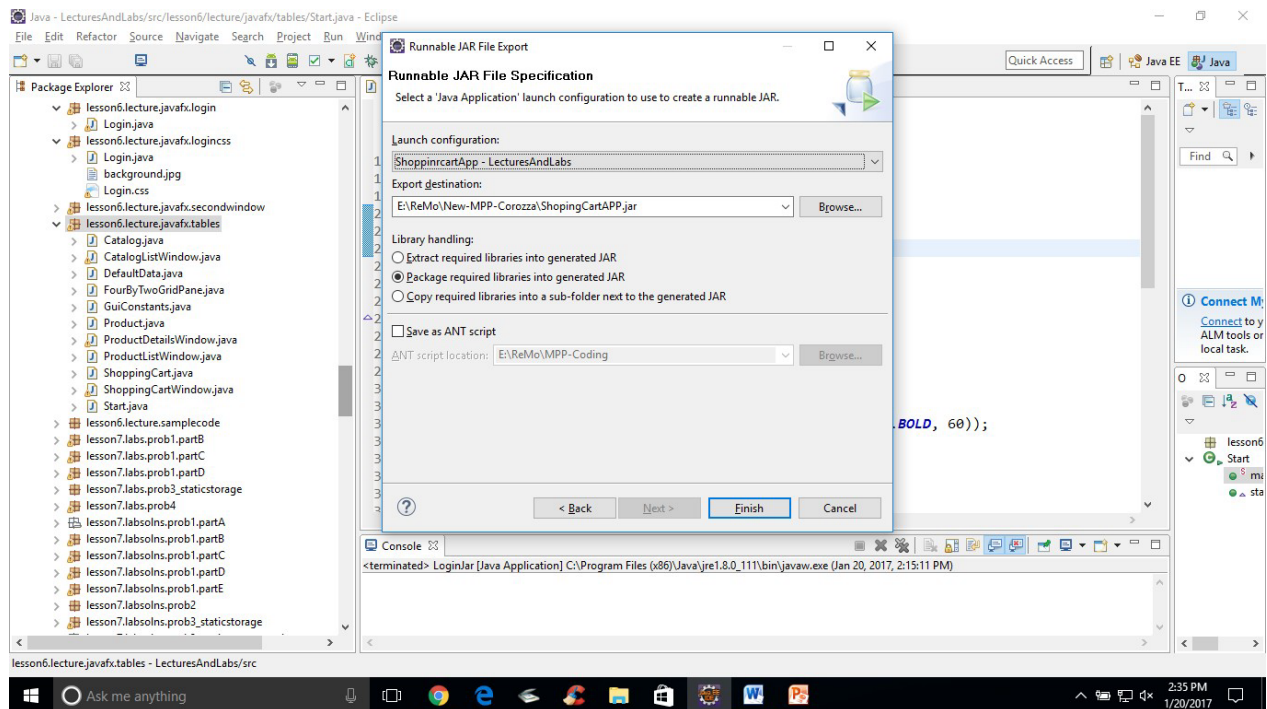Right click on your application to select Export.

Step : 4

Select the Runnable JAR File

Step : 5

 Choose the Launch Configuration and Export Destination then click Finish.

Step : 6

   Double click on your Jar file to run the Application.