Lab Assignment #4

Due Date: **Mid-night (11.59 pm) Monday 26th July**   **Marks/Weightage: 30/7.5%**

End Date: **Mid-night (11.59 pm) Sunday 1st Aug with 25% deduction/penalty. After this date, it will not be accepted. NO EXCEPTIONS.**

Purpose: The purpose of this Lab assignment is to:

- Practice the use of Auto Layout, table view and custom table view cells and transitions from one view controller to another using storyboard ID.

References: Read the course study material, code examples, lab exercises covered in the class. This material provides the necessary information that you need to complete the exercises.

Instructions: Be sure to read the following general instructions carefully:

This lab should be completed individually by all the students. You need to demonstrate your assignment and submitting the project **on Blackboard on or before the due date.**

You must name your XCode project/playground file according to the following rule:

FirstName-LastName_CourseCode-SectionNumber_LabNumber

For Example: John-Smith_COMP2125-Sec001_Lab04 (if your section is 001)

Zip the above folder and submit/upload your assignment using the assignment link in Blackboard.

Exercise #1: Table view with custom cells and Storyboard ID for transitions between the view controllers

A) Each custom table cell should be having following UI components: *[15 marks]*
- Image view for displaying the image of movie (you need to get/download the at least 5 images of movies of your choice.)
- Label for movie title
- Another label for displaying release year

You are free to choose any appropriate layout of your choice for the custom cell, displaying the above three pieces of information. You need to use auto layout to place various views/controls appropriately.

B) When use clicks a cell, then it will show the details of the movie on to next view controller (DetailsViewController.swift file). Apart from the above three (i.e. image of the movie, title and release year, you need to add/display the following label/info to details of each movie.

- Name of the director (you can get that info when you download a movie)
- Run time of the movie in minutes. (you can also get that info from net)   *[15 marks]*

Evaluation:

Functionality	
Correct implementation of GUI, lay out of controls, code logic as per business/functional requirements	70%
Correct use and testing of all the functionalities developed	20%
Comments, correct naming of variables, methods etc.	5%
User Friendly input/output	5%
Total	100%