**MVC LAB**

1. Create a MVC App – with a new controller –Empty
2. Add a view for the new controller – Use view bag to transmit data to the view
3. Change the Layout page – to include the new view action links
4. Create a new layout and make it as default to all the web pages for the new controller
5. Change the website – layout according to the project choice.
6. Write a Razor syntax to welcome the user using h2 tags if the date is less than current date.
7. Razor custom helper for all the movies list in the view – Use ol/li (odd/even – row style)– Use the custom helper from Interface & class.
8. Check Querystring values passed thro controller action.
9. Create actions for File, Json, Content, Redirect return types – Content – Include the script to check for age – if its less than 18, -> no voting; Greater than 18 -> Voting feasible.
10. Create the *Movie* model – use class and properties
11. Create the corresponding Controller with read/write options – provide a static in-memory list with model values.
12. Add Views – Create, List, Delete,Edit & Details
13. Use Linq to do the appropriate querying or Crud operation.
14. Add the search option – to search for *Movie* based on *Genre*
15. Update the model to include data annotations – Required, Range, Compare, Length, DataTypes, Display formats, Default values
16. Include state mgmt – Use viewbag, viewdata, tempdata & session to persist & store the data. Observe the differences.