



MVC Class Content

This document provides the details of MVC topics which will be covered in class.

Created by: AbhishekPathak

1. What is MVC. Difference between Web application & MVC.
2. Advantages of MVC over Web.
3. Different versions of MVC.
4. MVC design pattern.
5. How Model, View, controller communicate with Each Other.
6. Difference between 3 layer and MVC.
7. How to set Start up page in MVC like we do in Web sites .
8. What is routing and why routing is required in MVC.
9. Difference between routing and URL rewriting.
10. What is Route Constraint in MVC and how route table is created.
11. Create one Small MVC application to understand the model, view and controller
12. How to know which version of MVC is being used in application.
13. What is view Engine. Different types of View engine available in MVC.
14. State Management in MVC.
 - Session
 - ViewData
 - ViewBag
 - TempData

- Static Variables

15. Use Entity framework in MVC.
16. HTML Helper in MVC.
17. What are URL helpers.
18. Generating DropDown in Control and binding it in MVC.
19. How to set an item selected when MVC dropdown is loaded
20. Different html helper controls.
21. Difference between HTML Textbox and html textboxfor.
22. Generating Radiobutton, checkBoxList ,Listbox and filling data.
23. Opening a page in new window browser in MVC.
24. HiddeninputVsReadonly attribute in MVC.
25. Advantages of strongly typed view.
26. What are strong Types views.
27. Partial Views. Difference between html.partial and html.renderpartial.
28. What is Template in MVC.
29. What is cross side scripting and prevention.
30. Layouts in MVC.
31. Named section in MVC.
32. Implement Search functionality in MVC.
33. Paging, Sorting in MVC.
34. Deleting multiple rows in MVC.
35. Check & Uncheck all Checkbox MVC demo.
36. Action selectors in MVC.
37. Non Action Attribute in MVC.
38. Filters in MVC.
39. Authentication, Authorization, action, result and Exception.
40. HandleError in MVC.
41. Cache in MVC.
42. Validations in MVC.
43. Different type of ActionResult in asp.net.
44. Areas in MVC.
45. Stringlengh, Range attribute in MVC.
46. Creating Custom validation in MVC.
47. Regular expression in MVC.
48. Enable client side Validations.

49. What is Custom Filter and how to create it.
50. MVC bind Grids and perform CRUD operation.
51. What is dependency injection (DI) and IOC.
52. What is DI Container.
53. Loose coupling and Strong coupling.
54. What is Bundling and Minification in ASP.NET MVC.