

Teaching Schedule

Course Objective: To identify the benefits of application development in SharePoint Environment for managing workflow and customization of SharePoint Sites by using the knowledge of SharePoint Page authorization and security.

Course Outcomes: Upon completion of the course, students shall be able to

- C01:** Describe the benefits and features of SharePoint development platform.
- C02:** Identify the common and basic tasks of viewing, browsing, and finding information through SharePoint.
- C03:** Manage files, lists and libraries in SharePoint.
- C04:** Create and manage views.
- C05:** Perform tasks that involve adding content to SharePoint and changing its appearance and looks.
- C06:** Develop, authorize and secure Web Parts with web part editing features in SharePoint.
- C07:** Design, develop and evaluate workflows as part of SharePoint solutions.
- C08:** Create and customize SharePoint sites.

Unit	Sub Unit	No. of Lecture(s)	Topics	Reference Chapter/Additional Reading	Teaching Methodology	Evaluation Parameters
1		8	Introduction To SharePoint			
	1.0	1	General Discussion about the subject		Chalk +Talk	Quiz-1, Unit Test-1, Practical Quiz-1, Practical Internal 1, Self-Creation Parameter
	1.1	1	SharePoint: Overview, Need, Characteristics, Benefits	ISS#1, Page No.3-4	Power Point Presentation +Video	
	1.2	2	Basic Concepts in SharePoint: Site, Personal Site, Ribbon, Types of List, Types of Library, View, Web Parts, Alerts, Site Column, Content Type, Tagging, Metadata, Versions, Check-in-out, Workflow	ISS#1, Page No.4-28	Power Point Presentation +Video	
	1.3	2	Share Point Site: Introduction, Log on	ISS#2, Page No.29-38	Power Point Presentation +Video	
	1.4	2	Use, Edit, Navigate a SharePoint Site	ISS#2, Page No.39-44	Video demonstration	

2		8	SharePoint Environment			
	2.1	2	List, Documents and Properties of Document in SharePoint	ISS#3, Page No.45-50	Power Point Presentation +Live Demonstration	Unit Test-1, Practical Quiz-1, Practical Internal 1, Self-Creation Parameter
	2.2	3	Library in SharePoint: Changing, Sorting, Filtering, Switching and Use of Alerts	ISS#3, Page No.51-71		
	2.3	1	Searching in SharePoint	ISS#4, Page No.75-85		
	2.4	2	Social Networking, Personal Sites, Personal Details and SharePoint Server	ISS#5, Page No.93-108		
3		8	File and List Handling			
	3.1	2	Creating Files, List Items and Forms in SharePoint	ISS#6, Page No.111-149	Power Point Presentation +Live Demonstration	Practical Quiz-1, Practical Internal 1, Self-Creation Parameter
	3.2	2	Managing Files, List Items and Forms in SharePoint	ISS#7, Page No.151-205		
	3.3	2	Creating Lists			
	3.4	2	Creating Library			
4		8	Managing List Views			
	4.1	2	Creating a Personal and Public View	ISS#8, Page No.207-214	Power Point Presentation +Live Demonstration	Unit Test-2, Practical Internal 2, Self-Creation Parameter
	4.2	3	Specification: Columns, Order, Items in View and Operations, Enabling, Disabling in View	ISS#8, Page No.215-233		
	4.3	2	Generating Mobile Views	ISS#8, Page No.215-233		
	4.4	1	Modifying and Deleting a View	ISS#8, Page No.234-240		
5		8	Authorization and Security			
	5.1	2	Pages in SharePoint: Overview, Types of Pages, Edit Properties of Page	ISS#9, Page No.241-251	Power Point Presentation + Demonstration by Students on SCP	Unit Test-2, Practical Internal 2, Self-Creation Parameter
	5.2	2	Editing Contents of a Page, Wiki Syntax for Link, Picture Editing Control	ISS#9, Page No.252-264		
	5.3	2	Web Part Management	ISS#9, Page No.265-282		
	5.4	2	Managing Security	ISS#10, Page No.285-298		
6		8	Workflow Management and Customization			
	6.1	2	Workflow: Overview, Starting, Tracking, Association of Workflow	ISS#11, Page No.303-308	Power Point Presentation + Demonstration by Students on SCP	Practical Internal 2, Self-Creation Parameter

6.2	2	Creating Subsites	ISS#12, Page No.313-322		
6.3	4	Customizing SharePoint Sites	ISS#13, Page No.323-339		

References:

1. **Ishai Shagi, "SharePoint How-To", SAMS, Pearson, [ISS]**
2. **Dux Raymond, "Share Point 2010 for Project", O'Reilly,[DXR]**
3. **Ishai Shagi, "Share Point 2013 How-To", SAMS, Pearson,[ISS]**
4. **Steve Fox, Chris Johnson, Donovan Follette, "Beginning Share Point 2013 How-To", Wrox. [SCD]**
5. **Exploring Microsoft SharePoint 2013**
6. **Olgo Londer and Penelope Coventry, "Microsoft SharePoint 2010 Step by Step", Microsoft [OLP]**
7. **Steven, Colin, Pablo, Chris, Christina, "SharePoint 2010 Field Guide", Wrox, [SCP]**
8. **Wictor Wilen, "SharePoint 2010 Web Parts In Action",Manning-O'Reilly, [WWN]**

Course Objectives and Course Outcomes Mapping:

- Understand the benefits of application development in SharePoint Environment : C01,C02
- Managing workflow: C03, C04, C07
- Customization of SharePoint Sites: C05, C08
- Using the knowledge of SharePoint Page authorization and security: C06

Course Units and Course Outcomes Mapping:

Unit No.	Unit	Course outcome							
		C01	C02	C03	C04	C05	C06	C07	C08
1	Introduction To SharePoint	✓							
2	SharePoint Environment	✓	✓						
3	File and List Handling	✓	✓	✓					
4	Managing List Views		✓		✓				
5	Authorization and Security				✓	✓	✓		
6	Workflow Management and Customization							✓	✓

Course Outcomes Mapping with Programme Objectives:

Course Outcomes	Programme Objectives					
	P01	P02	P03	P04	P05	P06
C01	✓			✓	✓	
C02	✓	✓		✓		
C03	✓	✓				
C04			✓	✓		
C05	✓			✓	✓	✓
C06	✓				✓	✓
C07	✓					✓
C08						✓

Computing Environment:

A student must have the following computing environment available in the laboratory:

- An instance (or access to an instance) of SharePoint set-up (Office 365, SharePoint Foundation 2013, or SharePoint Server 2013).
- Microsoft Office 2013 Professional
- SharePoint Designer 2013

Modes of Transaction (i.e. Delivery)

Appropriate methods of teaching shall be decided depending on the objectives of the content taught.

- ❑ Lecture method supplemented with demonstration & various appropriate audio-visual aids shall be used for all the units.

Activities/Practicum:

The following activities shall be carried out by the students.

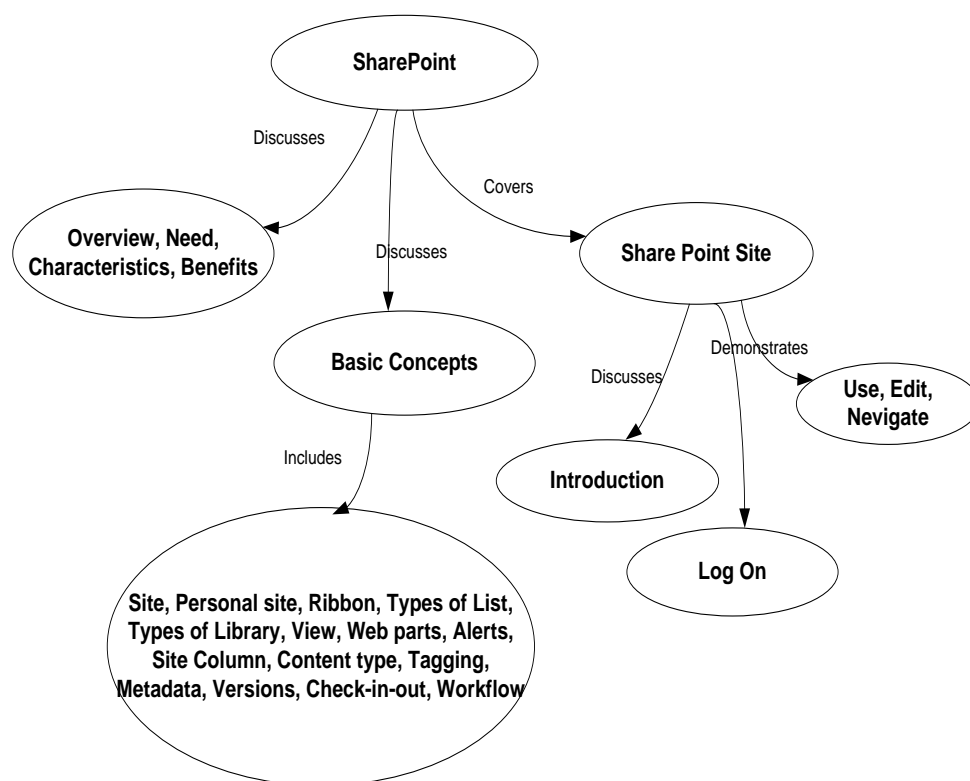
1. History of SharePoint and various versions.

The following activities shall be carried out by the teacher.

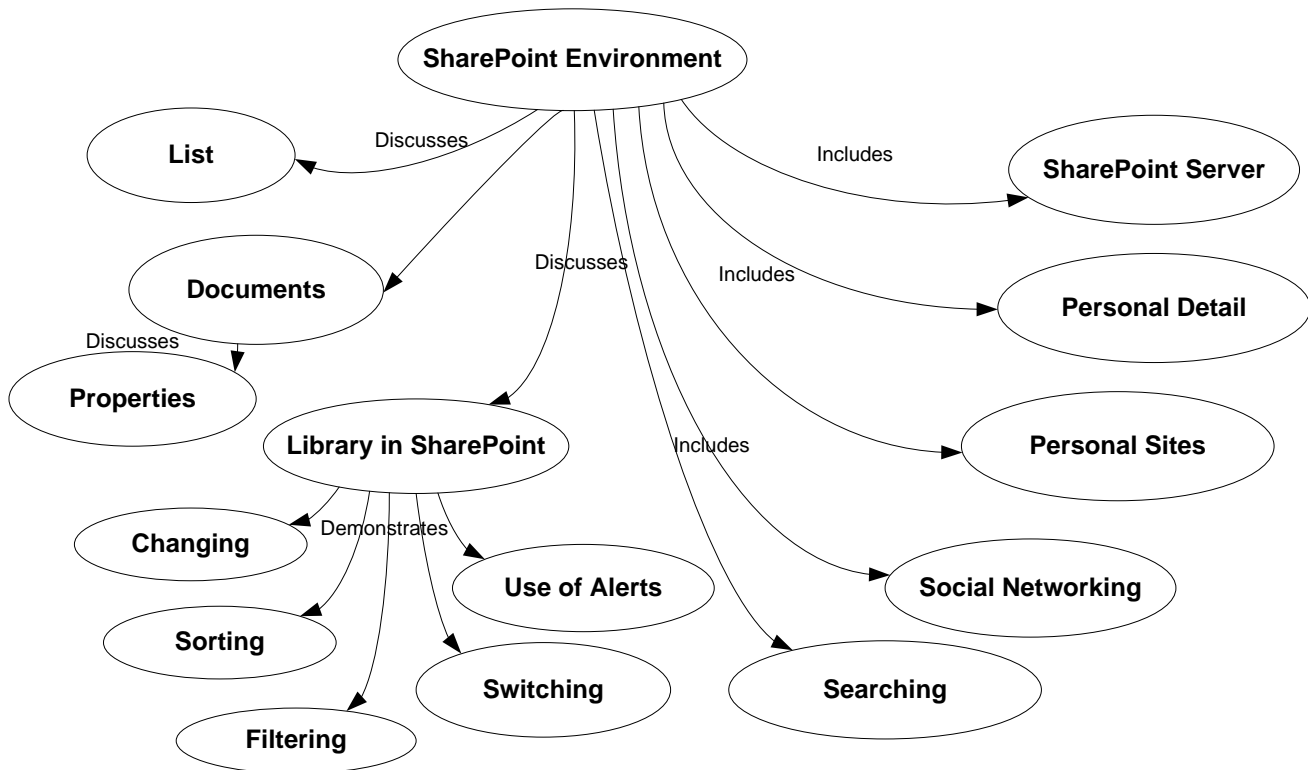
1. SharePoint Architecture
2. Integration of SharePoint with ASP.NET

Concept Map:

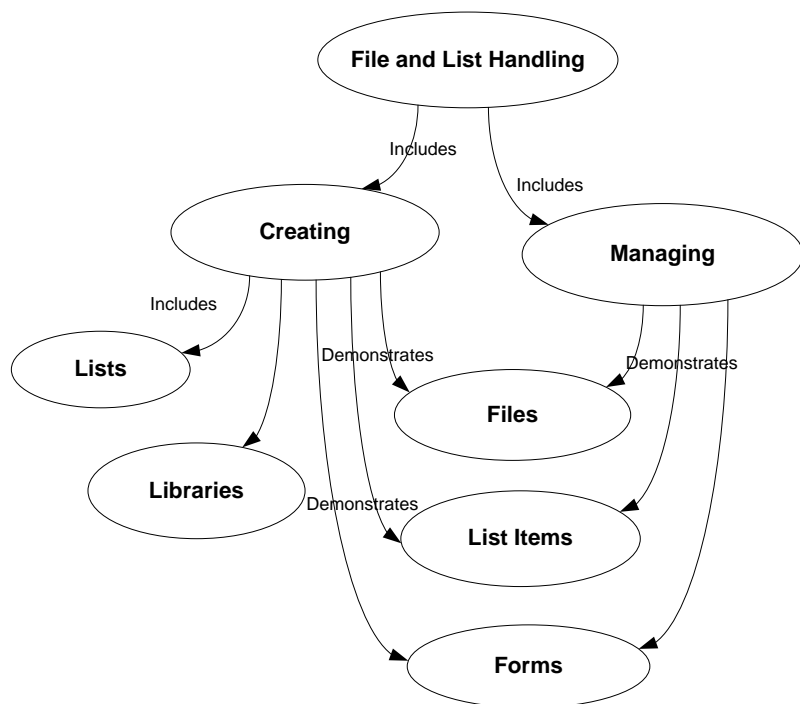
Unit-1



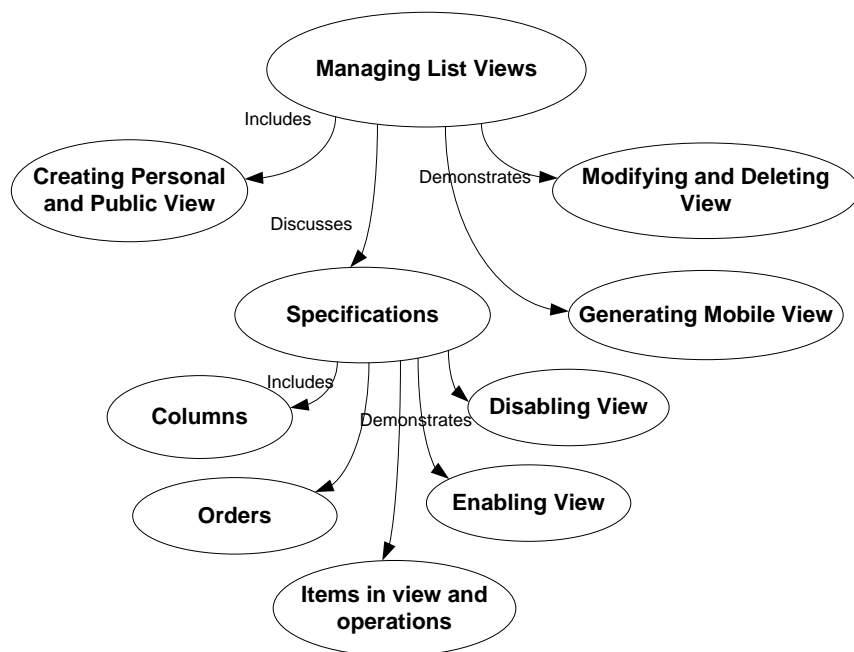
Unit-2



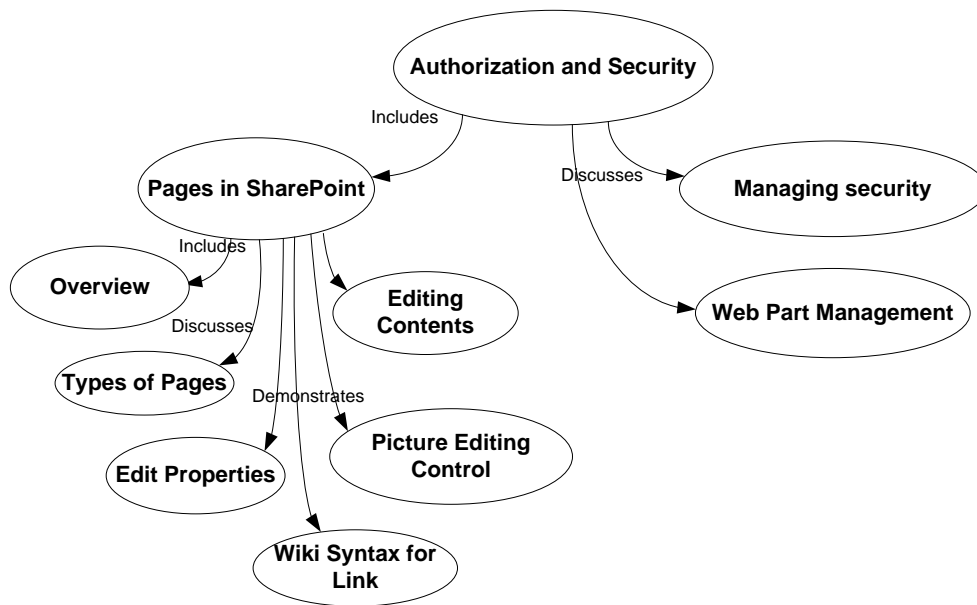
Unit-3



Unit-4



Unit-5



Unit-6

