



KSSSEM

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SESSION: 2022-2023 (ODD SEMESTER)

LESSON PLAN

NAME OF THE STAFF : Mrs. Amitha S

COURSE CODE/TITLE : 18CS734 / User Interface Design

SEMESTER/SEC/YEAR : VII/A/2022

Sl. No.	Topic to be covered	Mode of Delivery	Teaching Aid	No. of Periods	Cumulative No. of Periods	Proposed Date	Engaged Date
MODULE 1: The User Interface							
1	Introduction	L+D	BB+LCD	1	1	20/09/2022	20/09/22
2	Overview of UID	L+D	BB+LCD	1	2	22/09/2022	21/09/22
3	The importance of user interface.	L+D	BB+LCD	1	3	23/09/2022	23/09/22
4	The importance of user interface	L+D	BB+LCD	1	4	27/09/2022	29/09/22
5	Defining the user interface	L+D	BB+LCD	1	5	29/09/2022	30/09/22
6	The importance of Good design	L+D	BB+LCD	1	6	30/09/2022	06/10/22
7	Characteristics of graphical and web user interfaces.	L+D	BB+LCD	1	7	06/10/2022	07/10/22
8	Principles of user interface Design	L+D	BB+LCD	1	8	07/10/2022	07/10/22
9	Tutorial	L+D	BB+LCD	0	0	07/10/2022	07/10/22
MODULE 2: The User Interface Design process							
10	Obstacles, Usability.	L+D	BB+LCD	1	9	11/10/2022	11/10/22
11	Human characteristics in Design	L+D	BB+LCD	1	10	13/10/2022	13/10/22
12	Human Interaction speeds	L+D	BB+LCD	1	11	14/10/2022	14/10/22
13	Business functions-Business definition and requirement analysis	L+D	BB+LCD	1	12	15/10/2022	15/10/22

14	Assignment 1: Written Assignment	Offline	Assignment book	0	0	15/10/2022	15/10
15	Continuation of requirement analysis	L+D	BB+LCD	1	13	20/10/2022	20/10/22
16	Basic business functions	L+D	BB+LCD	1	14	21/10/2022	21/10/22
17	Design standards.	L+D	BB+LCD	1	15	25/10/2022	25/10/22
18	Continuation of Design standards.	L+D	BB+LCD	1	16	03/11/2022	10/11/22
19	Tutorial	L+D	BB+LCD	0	0	03/11/2022	10/11/22

MODULE 3: System menus and navigation schemes

20	System menus and navigation schemes	L+D	BB+LCD	1	17	04/11/2022	12/11/22
21	Structures of menus	L+D	BB+LCD	1	19	08/11/2022	15/11/22
22	Functions of menus	L+D	BB+LCD	1	19	10/11/2022	17/11/22
23	Contents of menus	L+D	BB+LCD	1	20	12/11/2022	18/11/22
24	Formatting of menus	L+D	BB+LCD	1	21	15/11/2022	24/11/22
25	Phrasing the menu	L+D	BB+LCD	1	22	17/11/2022	25/11/22
26	Selecting menu choices	L+D	BB+LCD	1	23	18/11/2022	29/11/22
27	Navigating menus, Kinds of graphical menus.	L+D	BB+LCD	1	24	18/11/2022	01/11/22
28	Assignment 2: Written Assignment	Offline	Assignment book	0	0	18/11/2022	02/12/22
29	Tutorial	L+D	BB+LCD	0	0	18/11/2022	02/12/22

MODULE 4: Windows

30	Windows – Characteristics	L+D	BB+LCD	1	25	24/11/2022	06/12/22
31	Components of window	L+D	BB+LCD	1	26	25/11/2022	08/12/22
32	Window presentation styles	L+D	BB+LCD	1	27	29/11/2022	09/12/22
33	Types of window	L+D	BB+LCD	1	28	1/12/2022	08/12/22
34	Window management,	L+D	BB+LCD	1	29	02/12/2022	09/12/22
35	Organizing window functions, Window operations,	L+D	BB+LCD	1	30	06/12/2022	10/12/22
36	Web systems,	L+D	BB+LCD	1	31	08/12/2022	11/12/22
37	Characteristics of device based controls.	L+D	BB+LCD	1	32	09/12/2022	16/12/22
38	Tutorial	L+D	BB+LCD	0	0	09/12/2022	16/12/22

MODULE 5: Screen Based Control

39	Screen based controls	L+D	BB+LCD	1	33	10/12/2022	16/12/22
40	Operable control	L+D	BB+LCD	1	34	13/12/2022	20/12/22
41	Text control	L+D	BB+LCD	1	35	15/12/2022	22/12/22
42	Selection control	L+D	BB+LCD	1	36	15/12/2022	23/12/22
43	Custom control	L+D	BB+LCD	1	37	16/12/2022	24/12/22
44	Presentation control	L+D	BB+LCD	1	38	16/12/2022	25/12/22
45	Windows Tests-prototypes	L+D	BB+LCD	1	39	20/12/2022	29/12/22
46	Kinds of tests.	L+D	BB+LCD	1	40	20/12/2022	27/12/22
47	Assignment 3- Written Assignment	Offline	Assignment book	0	0	20/12/2022	29/12/22
48	Tutorial	L+D	BB+LCD	0	0	27/12/2022	29/12/22
49	Revision	L+D	BB+LCD	0	40	27/12/2022	29/12/22

Total No. of Lecture Hours = 40


Total No. of Revision Hours = 01

Total No. of Tutorial Hours = 05

	Mode of Assignment and instructions	Date
Assignment 1	<p>Written Assignment -Module 1 and Module 2</p> <ul style="list-style-type: none"> The importance of user interface Characteristics of graphical and web user interfaces. Principles of user interface Design Human characteristics in Design Human Interaction speeds <p>Note : students will be given with Assignments questions students need to write the answers in assignment book.</p>	15/10/2022
Assignment 2	<p>Written Assignment -Module 2 and Module 3</p> <ul style="list-style-type: none"> Business functions-Business definition and requirement analysis Design standards, Structures of menus, Functions of menus Phrasing the menu 	18/11/2022

	<ul style="list-style-type: none"> • Selecting menu choices • Navigating menus, Kinds of graphical menus. <p>Note : students will be given with Assignments questions students need to write the answers in assignment book.</p>	
Assignment 3	<p>Written Assignment – Module 4 and Module 5</p> <ul style="list-style-type: none"> • Components of window • Window presentation styles • Organizing window functions, Window operations • Characteristics of device and screen based controls. • Operable control & Text control • Selection control ,Custom control &Presentation control • Windows Tests-prototypes <p>Note: students will be given with Assignments questions students need to write the answers in assignment book.</p>	20/12/2022


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