01IT0701 - Advance Web Technology
Lab– Index

Student Name						
Enrollment No						
Subject (Subject code)	Semester - Branch	Lab/ Week	Batch Size			
			A	B	C	
AWT (01IT0701)	7th IT TD1	1 Lab (2 hours)				

Lab	Lab Title	Lab Required	Date	Grade	Signature
1.	a. Creating a registration Page with HTML 5 Validation. b. Adding a external stylesheet to make registration form look elegant.	1			
2.	a. Implement JavaScript Validations to the registration form using Event Listener and Events.	1			
3.	Design web pages for mobile shopping application using HTML5, CSS3 and Bootstrap 5. a. Home Page: list few products & few menus like category, registration, sign in and about us. b. Categories: display few products per each category and provide show more option for complete list. c. User registration web page d. Login page for User e. Detailed product page f. Admin login g. Management of category & product (insert, update and delete product and categories)	1			
4.	a. Implement OOP concepts with PHP for following program: Use Student, Teacher and Subject Class to define relation between each of them. Display the details of the student studying a particular subject under a particular teacher. Use Constructors and Polymorphism.	1			
5.	Using PHP OOP, implement following using design of lab 3: a. Create a database for mobile shopping. b. Implement registration page and login system with session management c. Store details like password, time of login and url in the cookies.	1			
6.	Using design of lab 3: a. Implement a category and product management page with insert, update and delete operations. b. Display products on home page from DB to all users.	1			

	c. If user is logged in then show "more details" on each product and show detailed product description if user clicks "more details."				
7.	Using PHP CURL, a. Implementing Web Scrapping using CURL to fetch the relevant data from IMDB Movie Website.	1			
8.	Using PHP Regex, a. Implementing Job Application Registration Form Validation using Regular Expressions.	1			
9.	a. Implementing an application to fetch weather details using Weather APIs. b. Implementing an application to fetch cricket/stock details using relevant APIs.	1			
10.	a. Setup Laravel project for Book Inventory. b. Setup the database in Laravel for Book Inventory. c. Implement Select Operation with GUI to fetch details of books from Book Inventory.	1			
11.	a. Implement Insert Operation with GUI to add new details of book in Book Inventory. b. Implement Update Operation with GUI to modify details of any book in Book Inventory.	1			
12.	a. Implement Delete Operation with GUI to remove a book from Book Inventory. b. Implement Search Operation on Book Name and Author Name with GUI for Book Inventory.	1			
13.	a. Setup Node Js project on Student Information System. b. Setup the database in Node Js for Student Information System. c. Implement Select Operation to fetch details of students from Student Information System.	1			
14.	a. Implement Insert Operation to add new record of student in Student Information System. b. Implement Update Operation to modify any details of student in Student Information System. c. Implement Delete Operation to remove any student from Student Information System.	1			

Note:
1. All Students Will perform Practical as per the Given Lab Manual Only.
2. All Students need to use this Index only.
3. For Lab File: Mandatory Follow AWT Subject Lab Print Format. All the Students need to take Hard Copy of Practical in Given Format only.

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