1	Create a responsive web page which shows the ecommerce/college/exam admin dashboard with sidebar and statistics in cards using HTML, CSS and Bootstrap and display the output on the local Virtual Machine OS (ubuntu 22.04)
2	Write a JavaScript Program to get the user registration data and push to array/local storage with AJAX POST method and data list in new page and display the output on the vagrant machine (ubuntu 22.04)
3	Create version control account on GitHub and using Git commands to create a repository Create any application and push your code to GitHub.
4	Create Docker Container Environment (NVIDEIA Docker or any other).
5	Create an Angular application which will do following actions: Register User, Login User, Show User Data on Profile Component. Deploy the script on Google Cloud Environment.
6	Create a Node.JS Application which serves a static website. Deploy the script on AWS Cloud Environment.
7	Create four API using Node.JS, ExpressJS and MongoDB for CURD Operations
8	Create a simple Mobile Website using jQuery Mobile.
9	Create EC 2 instance on AWS environment and setup the Apache webserver.
10	Create EC 2 instance on AWS environment and host static website.
11	Create Salesforce Application for Student management system. Below are the objects are the system. 1.Report tab Show the Summarized report of the male and female student **1. Student__c (Custom Object)** Represents a student. **Fields:**

Field Label	API Name	Data Type
First Name	First_Name__c	Text (50)
Last Name	Last_Name__c	Text (50)
Email	Email__c	Email
Phone	Phone__c	Phone
Date of Birth	DOB__c	Date
Enrollment Date	Enrollment_Date__c	Date
Status	Status__c	Picklist (Enrolled, Graduated, Dropped)
Gender	Gender__C	Picklist(Male,Female,Other)

Course_Enrollment__c (Custom Object)

Represents a course a student is enrolled in.

Fields:

Field Label	API Name	Data Type
Course Name	Course_Name__c	Text (100)
Enrollment Date	Enrollment_Date__c	Date
Completion Date	Completion_Date__c	Date

	Grade	Grade__c	Text (10)	
	Student	Student__c	Lookup(Student__c)	

Validation Rule on below fields

Email__c Unique + Required Each student must have a unique email address.

Phone__c Validation Rule Only allow 10-digit numbers.

Enrollment_Date__c Must be today or earlier.

Status__c Picklist Limited to only valid values: Enrolled, Graduated, Dropped.

First_Name__c / Last_Name__c Required Cannot save a record without names.

12.	Deploy WordPress CMS on vagrant Machine.

13.	Make Two virtual machines using Oracle Virtual Box and transfer files from one machine to another.

14	Create Salesforce Application for hospital management. Construct only 2 objects with below validation rules

1. **Patient__c** (Custom Object)

Field Label	API Name	Data Type	Notes
First Name	First_Name__c	Text (50)	Required
Date of Birth	DOB__c	Date	Required
Email	Email__c	Emai	Unique,,Required
Phone	Phone__c	Phone	Validation Rule for format
Gender	Gender__c	Picklist	Male, Female, Other
Registration Date	Registration_Date__c	Date	Must be today or earlier

2. **Appointment__c (Custom Object)**

Represents an appointment scheduled for a patient.

Fields:

Field Label	API Name	Data Type	Notes
Appointment Date	Appointment_Date__c	DateTime	Must be today or future
Reason for Visit	Reason__c	Text Area (255)	Required
Status	Status__c	Picklist	Scheduled, Completed, Cancelled
Patient	Patient__c	Lookup (Patient__c)	Required
Doctor Name	Doctor_Name__c	Text (100)	Optional

1. **Valid Phone Format (10-digit)**

2. **DOB Cannot Be in the Future**

3.**Registration Date Must Be Today or Earlier**

4. **Appointment Date Cannot Be in the Past**

5.**Reason for Visit Required**