Planning and UI Design
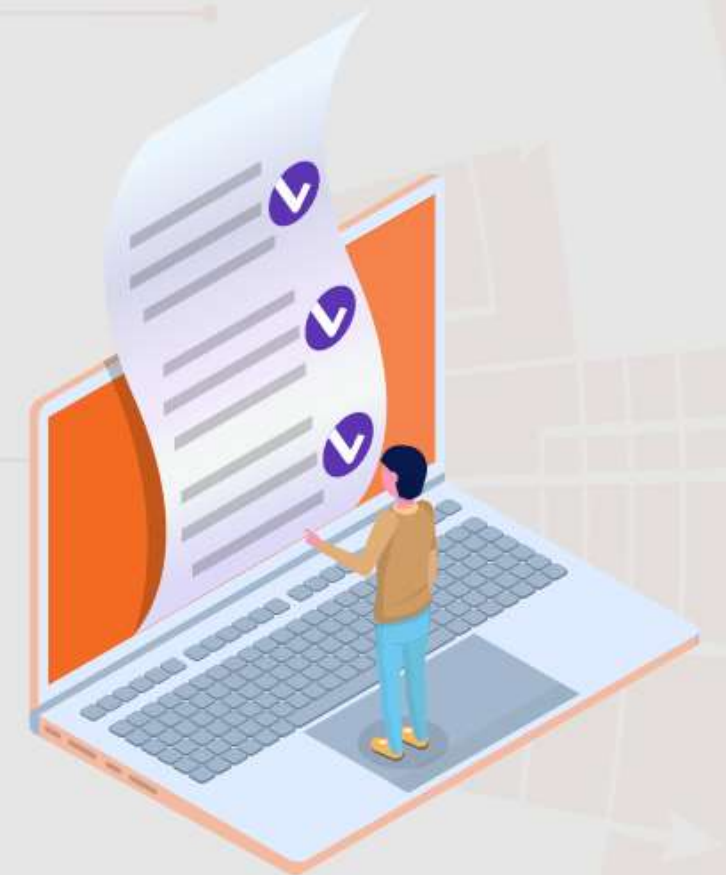
Phase-End Project

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Objectives

To build a client management application to handle the data of multiple clients and projects getting developed in parallel regarding project tasks, client meetings, and client portfolios

Prerequisites

- Agile
- Jira Software
- HTML/CSS
- JavaScript
- Angular
- MySQL
- Git
- GitHub

Problem Statement and Motivation

Problem Statement:

This assignment is designed to help you understand how to plan and develop the front end for a given problem, gain hands-on experience in designing the database for the project, and sync the code with a distributed version control system like GitHub.

Real-World Scenario:

Anna runs an Architectural firm. To manage her client meetings and projects, she needs project management software, which will be developed by Henna Solutions, a software company in her town. Anna also needs a web app to manage her clients and meeting schedules.

Industry Relevance

Skills used in the project and their usage in the industry are given below:

Planning:

Planning ensures seamless execution of the tasks and meets the project delivery timelines.

Frontend Development:

A responsive and interactive UI makes the application more user-friendly and attractive.

Model Layer:

Database setup will help maintain logs and important data for users and the application.

Source Code Management:

SCM tools like GitHub will help manage multiple code versions effectively.

Task (Activities)

1. Create a project in Jira or any other project management software

2. Create epics for clients and client meetings

3. Create user stories in the epics

4. Create and start a sprint for the project

5. Design the web pages for client creation and client meetings using HTML and CSS

6. Develop a web application and create various required components for client management using Angular

7. Design the necessary tables for clients and meetings in MySQL

8. Perform the BDD using Gherkin for client and client meeting scenarios

9. Run your Angular Project

10. Sync your code to GitHub

Project Reference

Refer to the below mapping of the tasks with the curriculum for any queries:

Tasks 1, 2,3, and 4:

Agile: Lesson 4

Task 5:

HTML/CSS complete course

Tasks 6 and 9:

Angular: Lessons 1 and 2

Task 7:

MySQL: Lessons 1 and 2

Task 8:

Cucumber: Lesson 2

Task 10:

Git: Lessons 2,3, and 4

Submission Process

You will have to submit the project in one week.

It is recommended to work in the integrated labs, as they have all the required tools available.

The project can be submitted from the assessment tab by clicking on the **Submit** button.

Provide the documents mentioned below:

- Source code in zip

- Database scripts to replicate your database settings

- Screenshots of the outputs

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Reference Outputs

Create a Client

Please fill in this form to create a client.

Name

Enter Name

Email

Enter Email

Address

Enter Address

Password

Enter Password

Repeat Password

Repeat Password

Register

Create a Meeting Schedule

Meeting Topic

Enter Meeting Topic

Number of People

Enter number of people j

Start Time

20/03/2022, 01:00 PM

March 2022 ▾   ↑   ↓ | 01 | 00 | PM |

S	M	T	W	T	F	S
27	28	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

01	00	PM
02	01	AM
03	02	
04	03	
05	04	
06	05	
07	06	

Clear   Today

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Reference Outputs

Thank You