# Planning And UI Design

## Course-End Project

# Objectives

To build a Client Management Application to handle data of multiple clients and projects getting developed in parallel regarding projects tasks, client meetings, and client portfolio.
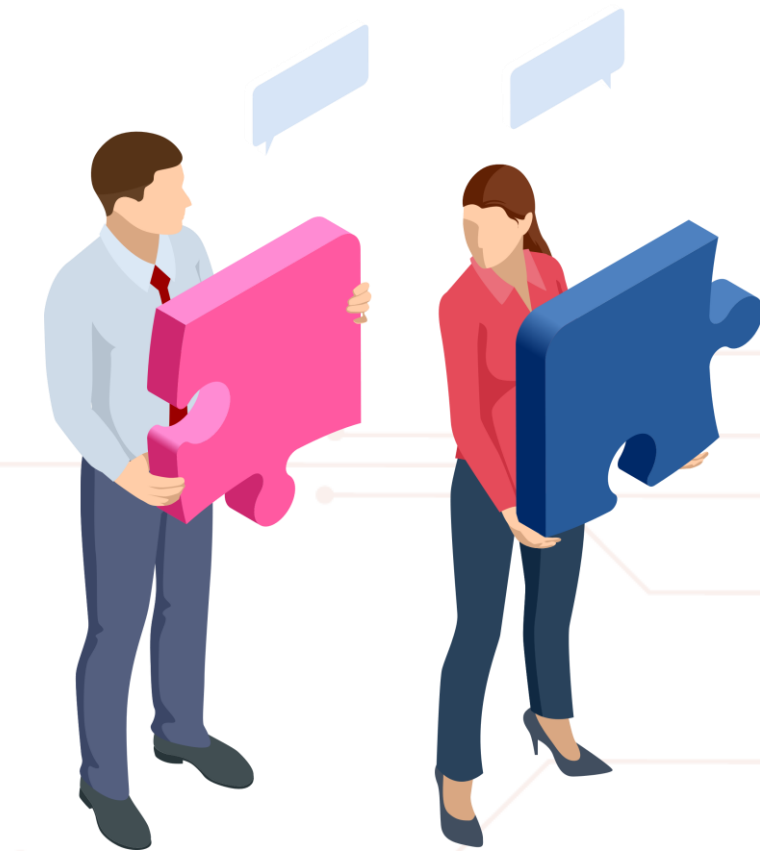
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# Prerequisites

- Agile

- Jira Software

- HTML/CSS

- JavaScript

- Angular

- MySQL

- Git

- GitHub

# Problem Statement and Motivation

**Problem Statement:**

This assignment is designed to help understand how to plan and develop the front end for a given problem. Further, to gain hands-on experience in designing the database for the project and finally 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. In addition, Anna needs a web app to manage her clients and client 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 meeting 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 in maintaining logs and important data of user and application.

**Source Code Management:**

SCM tools like GitHub will help manage multiple code version 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 for clients, meetings, and cancel meeting in the epics
4. Create and start sprint for the project
5. Design the web pages for client creation and client meeting 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 the below mapping of the tasks with the curriculum for any query:

**Task 1-4:**

Agile - Lesson 4

**Task 5:**

HTML/CSS complete course

**Task 6 and 9:**

Angular – Lesson 1 and 2

**Task 7:**

MySQL – Lesson 1 and 2

**Task 8:**

Cucumber – Lesson 2

**Task 10:**

Git – Lesson 2,3, and 4

# Submission Process

You will have to submit the project in 1 week.

It is recommended to work on the integrated labs as they have all the required tools available

Project can be submitted from the assessment tab followed 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

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# 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 | | 02 | 01 | AM |
| 27 | 28 | 1 | 2 | 3 | 4 | 5 | | 03 | 02 | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 04 | 03 | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | | 05 | 04 | |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | | 06 | 05 | |
| 27 | 28 | 29 | 30 | 31 | 1 | 2 | | 07 | 06 | |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | |

Clear          Today

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# Reference Outputs

# Thank you