

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.

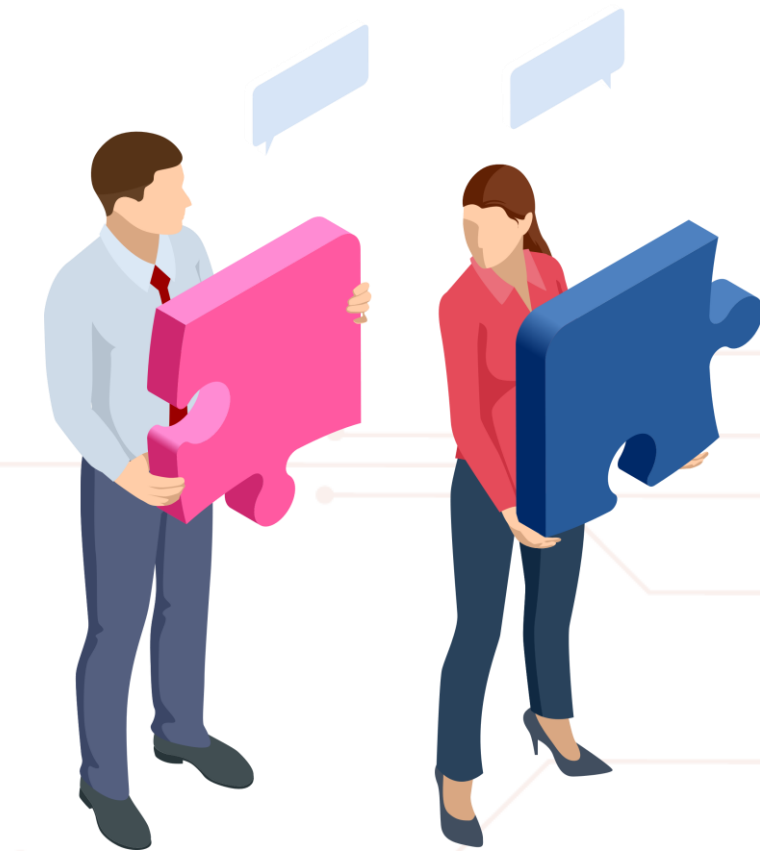


Prerequisites



- 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

Reference Outputs

← → ↻ learnaide.atlassian.net/jira/projects?selectedProjectType=software

← Back to project types

Add project details

You can change these details anytime in your project settings.

Name *

ClientManagement

Access Anyone with access to learnaide can access and administer this project. [Upgrade your plan](#) to customize project permissions.

Key ⓘ *

CM

☐ **Connect repositories, documents, and more**
Sync your team's work from other tools with this project for better visibility, access, and automation.

Template

Change template

Scrum
Sprint toward your project goals with a board, backlog, and roadmap.

Type

Change type

Team-managed
Control your own working processes and practices in a self-contained space.

Cancel Create project

← → ↻ learnaide.atlassian.net/jira/software/projects/CM/boards/3

Jira Software Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ People ▾ Apps ▾ Create Search

ClientManagement
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

Create issue

Import issues Configure fields ▾

Project *

ClientManagement (CM) ▾

Issue Type *

Story ▾ ⓘ

Some issue types are unavailable due to incompatible field configuration and/or workflow associations.

Summary *

ClientMeeting

Description

Style ▾ B I U A ▾ A ▾ Link Image List Bulleted List Numbered List @ ▾ + ▾

As Anna, I want to add a new meeting schedule with the client in my software
As a user, I want to be able to add a new meeting schedule with basic details like meeting topic, how many people will be involved, whats the date and whats the time to start the meeting.

☐ Create another Create Cancel

Create Issues In Slack
Did you know you can create with Jira Cloud for Slack?
[Get started in Slack](#) · [Dismiss](#)

Reference Outputs

Create a Client

Please fill in this form to create a client.

Name

Email

Address

Password

Repeat Password

Create a Meeting Schedule

Meeting Topic

Number of People

Start Time

March 2022

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

[Clear](#)

[Today](#)

01

00

PM

02

01

AM

03

02

04

03

05

04

06

05


07

06

Reference Outputs

Create a New Repository x +

Create a New Repository
github.com

 Search or jump to... / Pull requests Issues Marketplace Explore

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


Owner *


Repository name *

tuser6794 / assignment ✓

Great repository names a assignment is available. . Need inspiration? How about [literate-garbanzo?](#)

Description (optional)

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**
Choose which files not to track from a list of templates. [Learn more.](#)

Thank you