

TECHNOLOGY



All About Designing and Planning UI Phase-End Project

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

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 Table @ +

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

↑ ↓

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

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 are 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.](#)



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Thank You