**Coding Challenge Day 4**

# Todo Manager Sprint 4

## Problem Statement Todo Manager is an application, which can manage our Tasks and keep track of our Tasks. In the course of 2 weeks, we will be creating a Todo manager.

## User Stories:-

1. As a user, I should be able to register and login to the application.

2. As a user, I can be either the client or visitor.

3. AS a visitor I can only see the tasks assigned to me

4. As a client I should be able to add the task into an array

5. As a client I should be able to update the task in the array

6. As a client I should be able to delete the task in the array

7. As a client I should be able to search a task from an array

8. As a client, I should be able to assign the task to a visitor.

## Instructions:-

1. Please refactor the code created in sprint 3.

2. Please create a user as a parent class and client and visitor should be child classes.

3. Please use arrays to store the user objects

// 4. All the CRUD operations should happen in a dao class. Main should contain only menu.

// 5. please use userDAO and taskDAO interfaces and userDAOimpl and taskDAOImpl as classes implements the interface

6. The application can be exited only if user enters 0 to exit. Else, user should see the menu repeatedly.