**PROJECT SYNOPSIS**

**Project Name**

Task App / Task Listing App

**Project Description**

This application allows users to add task information and plan the same. Adding a new task takes the following input parameters:   
Task Name/Title, Task Due/Completion Date & Task Description.

**App Usage/Flow of App**

On running the app for the first time & accessing the home page, the following can be noticed:

**Home Page (**[**http://localhost:4200/taskHome**](http://localhost:4200/taskHome)**):**

1. PlanIt Icon: Clicking this icon gets user started on creating tasks. It pops up a dialog where user can fill task details.
2. “Task List” area: Initially when no tasks have been added, a message stating “Hurray! No pending tasks” is displayed.

**Adding a Task:**

1. User needs to click on the PlanIt! icon to create a task.
2. A dialog box pops up where task details can be entered. These include the following mandatory fields:   
   Task Title(text) & Task Completion Date(date).  
   Task Description(text-area) field is optional.
3. If the user skips a mandatory field for some reason, a warning is shown and the corresponding field border turns red. If the validation passes for a field, the field border would become green.
4. Please note that the "Add Task" button is disabled until all fields pass validation.
5. Once all details are filled in, clicking on "Add Task" button takes us back to the home page where the task just entered is displayed as a table row under the “Task List” area.

**Viewing the added tasks:**

1. In the home page, once a task is added, user would notice that the previously displayed “Hurray! No pending tasks” message has now been replaced by the task added. More precisely, a row can be seen stating the task details.
2. If no task description is provided, a default one is displayed that says "N/A".
3. Hovering over a row highlights its background according to the task’s due date. The conditions are as follows:
   1. If due date > current date, background color is yellow.
   2. If due date < current date, background color is red.
   3. If due date = current date, background color is green.
4. Adding more tasks adds subsequent table rows to this list.

**Typed an invalid URL?**

If a user types an invalid URL in the address bar, he/she would be navigated to a page that notifies the user saying "Oops! Page not found :(". User can then navigate back to home page by clicking on the "Go Home" button.