

DAILY TRACKER APPLICATION

IIHT

Time To Complete: 10 to 12 hr

CONTENTS

1	Problem Statement	3
2	Proposed 34	
2.1	Welcome page	4
3	Business-Requirement:	5
4	55	
5	56	

1 PROBLEM STATEMENT

"Daily Tracker Application" is a Single Page Application (SPA) that empowers users to have a record of all tasks with details like priority & status in different categories along with options to add, edit or delete any task with details

2 PROPOSED DAILY TRACKER APPLICATION WIREFRAME

UI needs improvisation and modification as per given use case and to make test cases passed.

2.1 WELCOME PAGE

The wireframe shows a web browser window with the URL 'localhost:4200/'. The page content includes the title 'Daily Tracker', a subtitle 'Daily Fitness Tracker', and a section header 'Add Exercise'. Below this is a form with three input fields: 'Exercise Name', 'Time (mins)', and 'Calories Burned', followed by an 'Add Exercise' button. Underneath the form is a 'Search Exercises' section with a search input field. At the bottom is a section header 'List of Exercises'.

2.2 SCREENSHOTS

The screenshot shows the application running in a browser. The 'Add Exercise' form is visible, with the 'Exercise Name' field containing the text 'Pushups'. The 'Time (mins)' field contains '20' and the 'Calories Burned' field contains '150'. The 'Add Exercise' button is highlighted. Below the form, the 'Search Exercises' section is visible, and the 'List of Exercises' section shows a list of exercises. The first exercise is 'Pushups', with a time of '20 mins' and 'Calories Burned: 150'. Below the exercise details are 'Edit' and 'Delete' buttons.

localhost:4200/

Daily Tracker

Daily Fitness Tracker

Add Exercise

Exercise Name	Time (mins)	Calories Burned	Add Exercise
---------------	-------------	-----------------	--------------

Search Exercises

List of Exercises

- Pushups
 - Time: 20 mins
 - Calories Burned: 150
 - Edit Delete

Edit Exercise

Pushups	20	150	Save	Cancel
---------	----	-----	------	--------

3 BUSINESS-REQUIREMENT:

As an application developer, develop the Daily Tracker Application (Single Page App) with below guidelines:

User Story #	User Story Name	User Story
US_01	Welcome Page	<p>As a user I should be able to visit the welcome page as default page.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none"> 1. Users can see the list of all exercises performed with details. 2. Users should see the Edit and Delete button in each exercise item to edit and delete it. 3. Users should be able to see the Add Exercise button to add a new exercise. 4. There should be a textfield to search for any exercise also.

4 CONSTRAINTS

2. You should be able to press the “TAB” key and “SHIFT + TAB” to navigate from top field to bottom field and vice-versa.
3. By default the “Add Exercise” button should be disabled. Only after validating all fields it must be enabled.
4. By default the “Add Exercise” button should be disabled.

5 MANDATORY ASSESSMENT GUIDELINES

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. To open the command terminal the test takers, need to go to Application menu (Three horizontal lines at left top) -> Terminal ->New Terminal.
3. This editor Auto Saves the code.
4. If you want to exit(logout) and continue the coding later anytime (using Save & Exit option on Assessment Landing Page) then you need to use CTRL+Shift+B-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository. Else the code will not be available in the next login.
5. These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.
6. This is a web-based application, to run the application on a browser, use the internal browser in the workspace. Click on the second last option on the left panel of IDE, you can find Browser Preview, where you can launch the application.

Note: The application will not run in the local browser

7. You can follow series of command to setup Angular environment once you are in your project-name folder:
 - a. npm install -> Will install all dependencies -> takes 10 to 15 min.
 - b. npm run start -> To compile and deploy the project in browser. You can press the <Ctrl> key while clicking on localhost:4200 to open the project in the browser -> takes 2 to 3 min.
 - c. npm run jest -> to run all test cases and check summary. takes 5 to 6 min.
 - d. npm run test -> to run all test cases. **It is mandatory to run this command before submission of workspace -> takes 5 to 6 min.**
8. Once you are done with development and ready with submission, you may navigate to the previous tab and submit the workspace. It is mandatory to click on **“Submit Assessment”** after you are done with code.
9. You need to use CTRL+Shift+B - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.