

# PART 1: SOFTWARE PROJECT PLANNING

## DESCRIPTION:

The Campus Event Tracker is a very simple web application that allows the users to add an event name and date. After adding, the event should show up in the list. It will help the students to keep track of the upcoming activities.

## PROJECT SCOPE:

### Functional Requirements:

1. The system should allow the users to type an event name.
2. The system should allow the users to select an event date.
3. The system should show all the events on the list.

## TASK BREAKDOWN:

- Create the main page of the app.
- Add input boxes for the event name and date.
- Make the button to add the events to the list.
- Display the list of events below the form.
- Test the app to make sure it works.

## ESTIMATION:

Task	Estimation
Make main page	2 points
Add input boxes	2 points
Add "Add Event" Button	1 point
Display List	3 points
Test the app	1 point

# PART 2: SOFTWARE ARCHITECTURE DESIGN

## CHOSEN ARCHITECTURE STYLE:

Component-Based Architecture

## Explanation:

In Angular, the app is divided into small parts called components. Each component handles one job, making the app organized and easier to understand. The browser just loads these components and shows them on the screen.

## JUSTIFICATION:

This style is good for a small app like the Campus Event Tracker because the features are simple and can be separated easily. It also helps the app stay neat and easy to update.