

Sample Project :: ABC Engine

Introduction:

ABC company is planning to develop a system for the oil and gas industry. Before developing the system, they are planning to create a prototype with minimal time. Your job is developing a prototype for the ABC company.

Tasks:

Task 1: Create a 2 step form.

Step 1: In first step, it will show a form with the following inputs

- Project Name
- Project Description
- Client
- Contractor

Step 2: In the second step, it will first show all the input value (project name, client etc) of step one. Those fields will be disabled. And it also will have the following inputs:

- File upload (only csv file is supported)
- max_X (number)
- min_X (number)
- max_Y (number)
- min_Y (number)
- max_Z (number)
- min_Z (number)

When a user uploads the CSV file in step 2, the system will fill the 6(six) inputs automatically by reading from the csv file.

Note : We have provided a csv file in the mail. That csv file consists of multiple values of KP, X, Y, Z. Read the csv file and find the max and min values of X, Y, Z.

Task 2: Create Result Page

Create a result page which shows all the input values in a table.

Task 3: Download PDF

User can download the result as pdf

Bonus Task:

Show the chart. Consider KP as x-axis and X as y-axis. Show the chart in pdf too.

Guideline

- Project architecture should be scalable.
- Need to use a state management tool
- Fully responsive app
- Use Sass/styled Component
- Need to follow best practice