You are an experienced Web Developer.

You need to generate the frontend (HTML & JavaScript) for a web page that will call a JSON web API to analyze a statement with a given list of possible Emotions.

You need to use bootstrap CSS library.

You need to create one single HTML file that only contains HTML, Vanilla JavaScript and bootstrap classes.

The content of the page shall be included in a div with the container bootstrap class and have round corners.

The background color of the page shall be light grey while for the container shall be dark grey.

The container shall have 80% of the screen width and have a small margin from top and bottom.

You need to create a header that has a logo (logo.png) on top of a Title both to be centered in the container.

The page then includes a form to collect the following:

1. A comma separated list of the possible emotions.
2. The prompt text to classify.

The form also has a Submit & Clear Buttons.

Below the form there is a div to display the returned output (content) from the JSON API.

Add another output below the current output that contains a history of all the previous outputs. Latest added at the top.

When the submit button is clicked on the form a vanilla JavaScript code shall read the emotions & the prompt from the form and call the following url “http://localhost:4000/openai/emotion” and pass the emotions with a key of emotions and the prompt in a key of prompt in the body as json object.

Here is an example request json

{

"emotions": "positive, negative",

"prompt": "This is a nice morning."

}

During the API call show a spinner and disable all fields and buttons on the form and also clear the output.

When the API is returned it has a json object with a key of “content” which shall update the display field below the form.