PROJECT REPORT

on

SURVEY FORM

Submitted by

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Introduction

This report is on the topic, '**Survey Form'**, and with the collective efforts of the team 12 members, **Rajveer**, **Rakshit, Ramandeep(Team Leader)** and **Raninder**, the project was made.

1. HTML (HyperText Markup Language):
   HTML is the foundation of every web page. It provides the structure and content, allowing us to define headings, paragraphs, images, links, and more. By using HTML tags, we can organize and present information in a structured manner.
2. CSS (Cascading Style Sheets):
   CSS is responsible for the presentation and visual styling of our web pages. It allows us to control the layout, colors, fonts, and other visual aspects. With CSS, we can transform plain HTML elements into eye-catching designs and ensure a consistent look and feel across multiple pages.
3. JavaScript:
   JavaScript adds interactivity and dynamic functionality to our web pages. It is a powerful scripting language that enables us to respond to user actions, manipulate HTML elements, handle form submissions, create animations, and much more. JavaScript brings life to our static web pages by allowing them to interact with the user and respond in real-time.

Problem Statement

The problem at hand is the absence of a comprehensive and efficient survey form. In various domains such as market research, customer feedback, academic studies, and organizational assessments, the lack of a well-designed survey form poses significant challenges.

Without a standardized and user-friendly survey form, data collection becomes haphazard and time-consuming, leading to incomplete or inaccurate responses. Respondents often struggle to navigate confusing or overly complex survey structures, resulting in disengagement and biased data. Additionally, the absence of essential features such as skip logic, data validation, and multi-platform compatibility further hinder the effectiveness of surveys.

Therefore, there is a pressing need for an intelligently designed survey form that addresses these shortcomings and empowers researchers, organizations, and institutions to collect reliable and valuable data efficiently.

Technical Details

To create a survey form using basic HTML, CSS, and JavaScript, you can follow the technical details outlined below:

1. HTML Structure:
    - Create an HTML form using the `<form>` element.
    - Inside the form, add `<input>` elements for various types of questions (text, radio buttons, checkboxes, etc.).
    - Use `<label>` elements to provide a description for each input field.
    - Include a submit button using the `<button>` or `<input type="submit">` element.
2. CSS Styling:
    - Use CSS to style the form elements, including fonts, colors, margins, and padding, to achieve an appealing layout.
    - Apply CSS classes or IDs to specific elements to target them for styling.
    - Utilize CSS frameworks like Bootstrap.
    - Foundation for pre-designed styles and responsive layouts.
3. JavaScript Functionality:
    - Add event listeners to capture user actions, such as button clicks or form submissions.
    - Use JavaScript to validate user inputs, ensuring that required fields are filled and data formats are correct.
    - Implement conditional logic (skip logic) to show or hide certain questions based on previous answers.
    - Store and manage the survey data using JavaScript variables or objects.
    - Optionally, you can use AJAX requests to submit the form data to a server for further processing.
4. Form Validation:
    - Validate user inputs using JavaScript to ensure data integrity.
    - Use regular expressions or built-in HTML5 input attributes (e.g., `required`, `pattern`) to enforce specific data formats.
    - Display error messages for invalid inputs, either inline or in a separate section of the form.
5. Accessibility Considerations:
    - Ensure the survey form is accessible by including appropriate ARIA attributes for screen readers.
    - Use semantic HTML elements (e.g., `<fieldset>`, `<legend>`) to improve the form's structure and accessibility.
    - Provide alternative text for images or use CSS for decorative elements.

Remember, these are general guidelines, and you can customize and enhance the survey form based on your specific requirements and preferences.

Key Features

The key features used in making the project are given below:

1. Questions:
   Include a set of well-structured and relevant questions that cover the desired information or feedback.

2. Response Options:
   Provide appropriate response options for each question, such as multiple-choice, rating scales, or open-ended text fields.

3. Clear Instructions:
   Include clear and concise instructions to guide respondents on how to answer the questions or provide feedback.

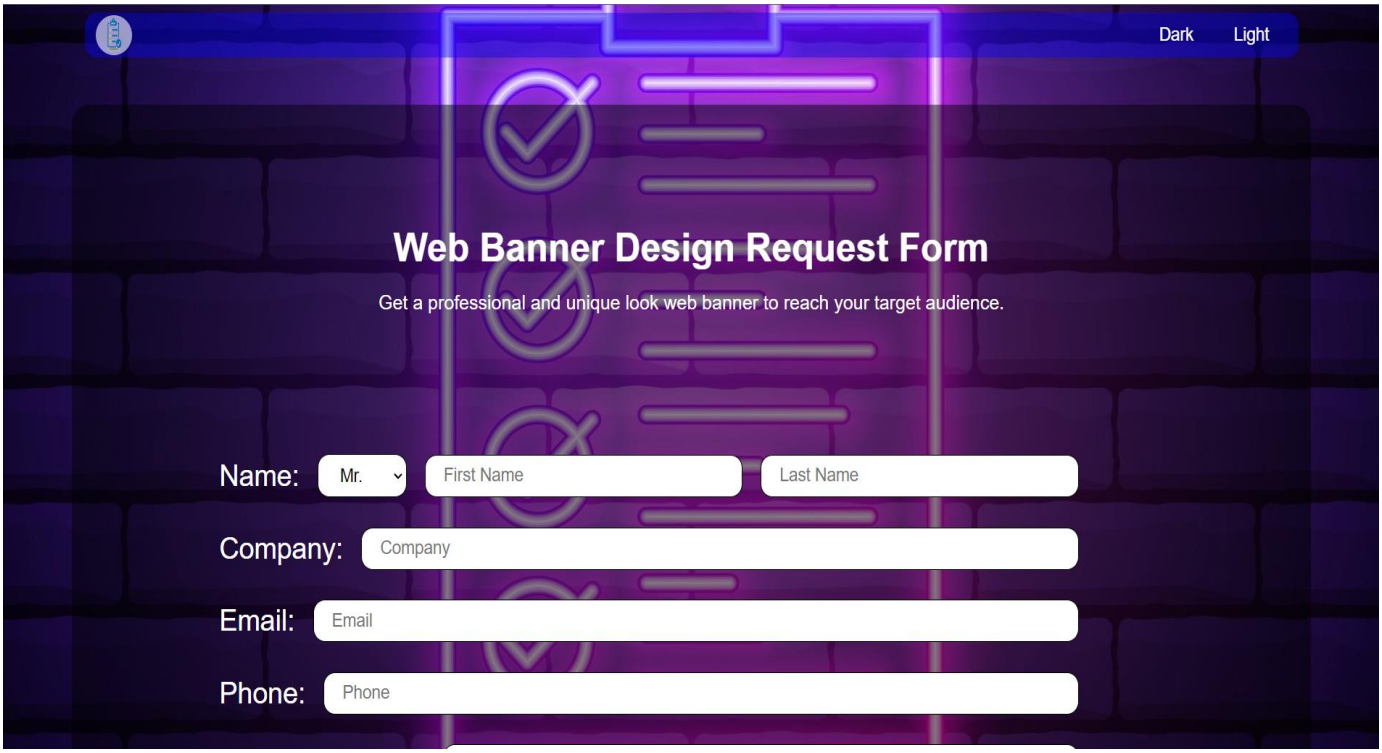
4. Submit Button:
   Include a "Submit" button to allow users to submit their responses once they have completed the survey.

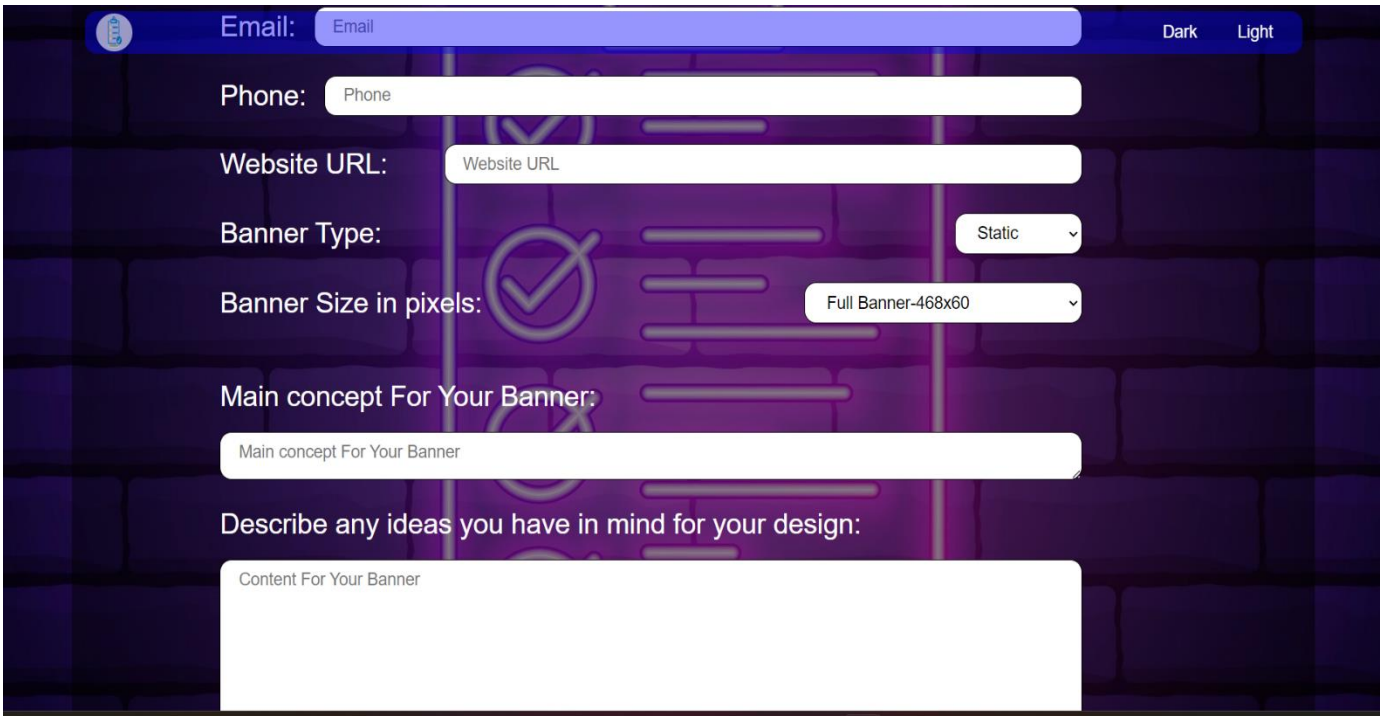
5. Thank You Message:
   Display a thank you message or confirmation page after the survey is submitted to acknowledge the user's participation.

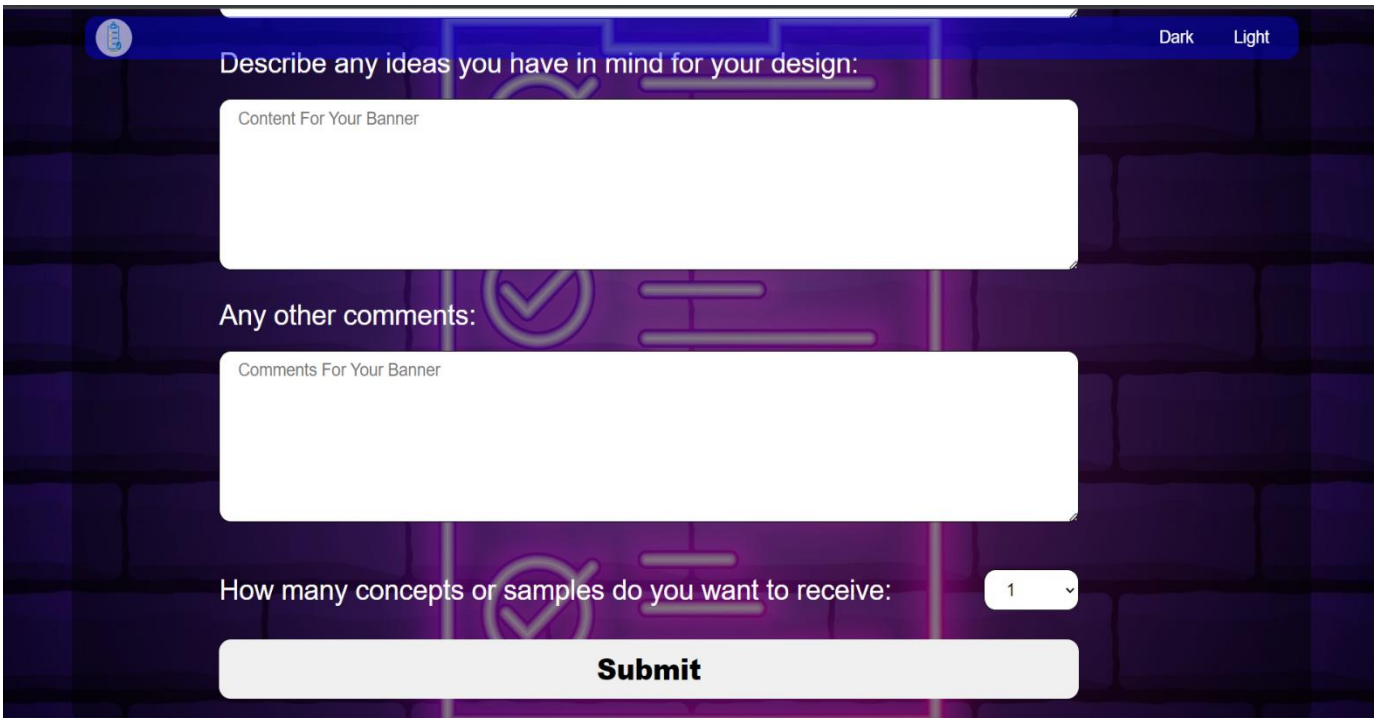
6. Responsiveness:
   Ensure that the survey form is designed to be responsive, adjusting its layout and formatting to fit different screen sizes, such as desktops, tablets, and mobile devices.

Project Highlights

- Snapshots of running Survey Form.
- Dark theme






Dark
Light
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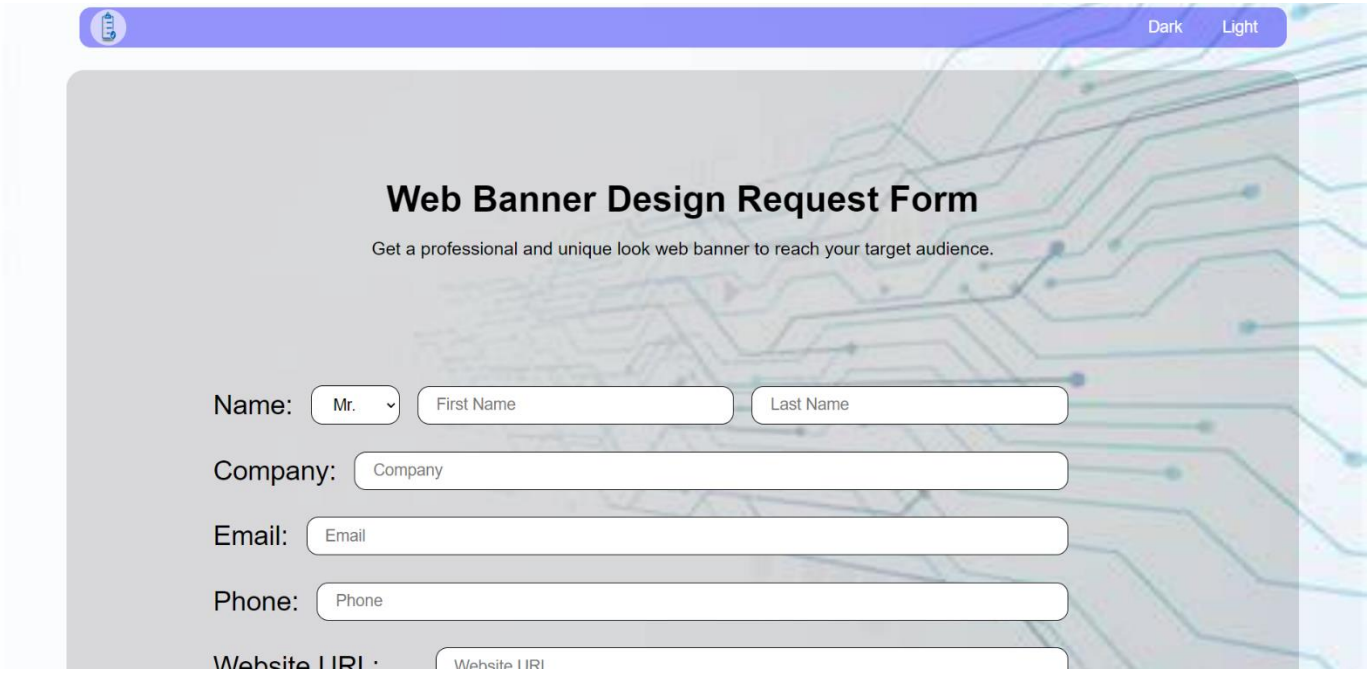
Content For Your Banner
Any other comments:
Comments For Your Banner
How many concepts or samples do you want to receive:
1
Submit

- Light theme


Dark
Light
Web Banner Design Request Form
Get a professional and unique look web banner to reach your target audience.
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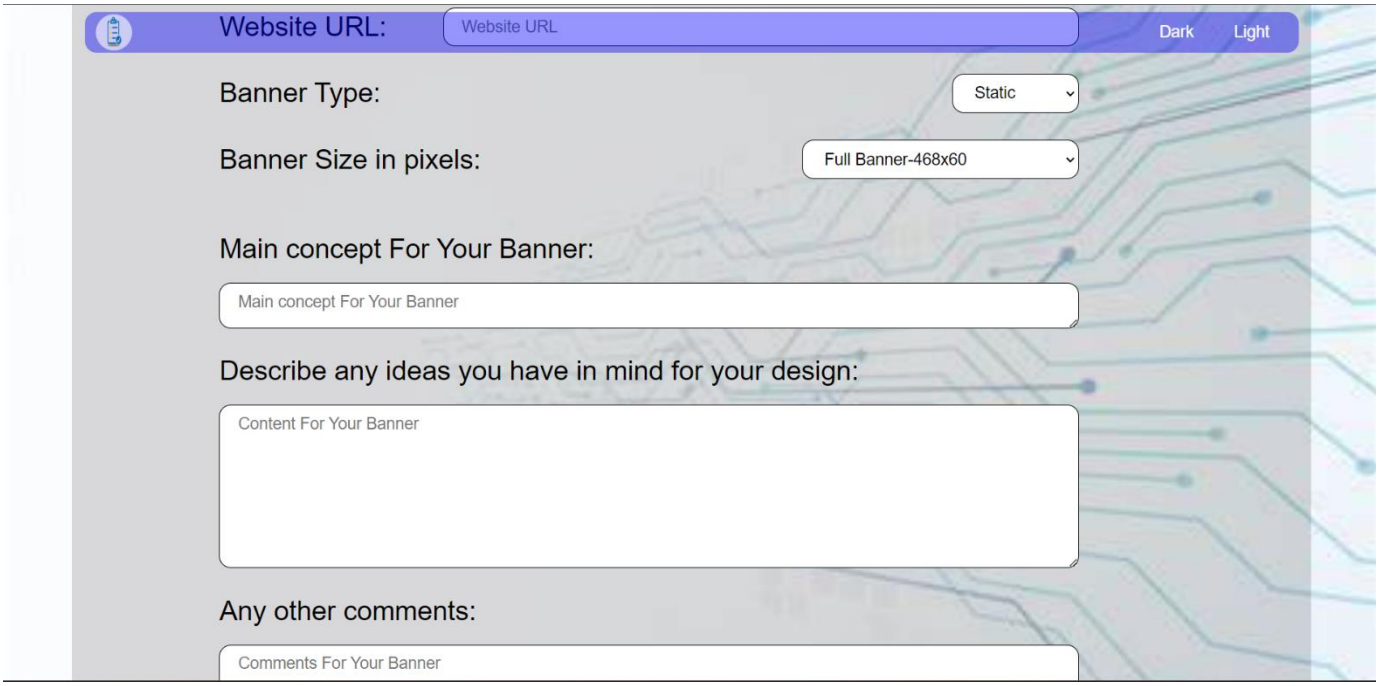
Mr.
First Name
Last Name
Company:
Company
Email:
Email
Phone:
Phone
Website URL:
Website URL


Website URL:
Website URL
Dark
Light
Banner Type:
Static
Banner Size in pixels:
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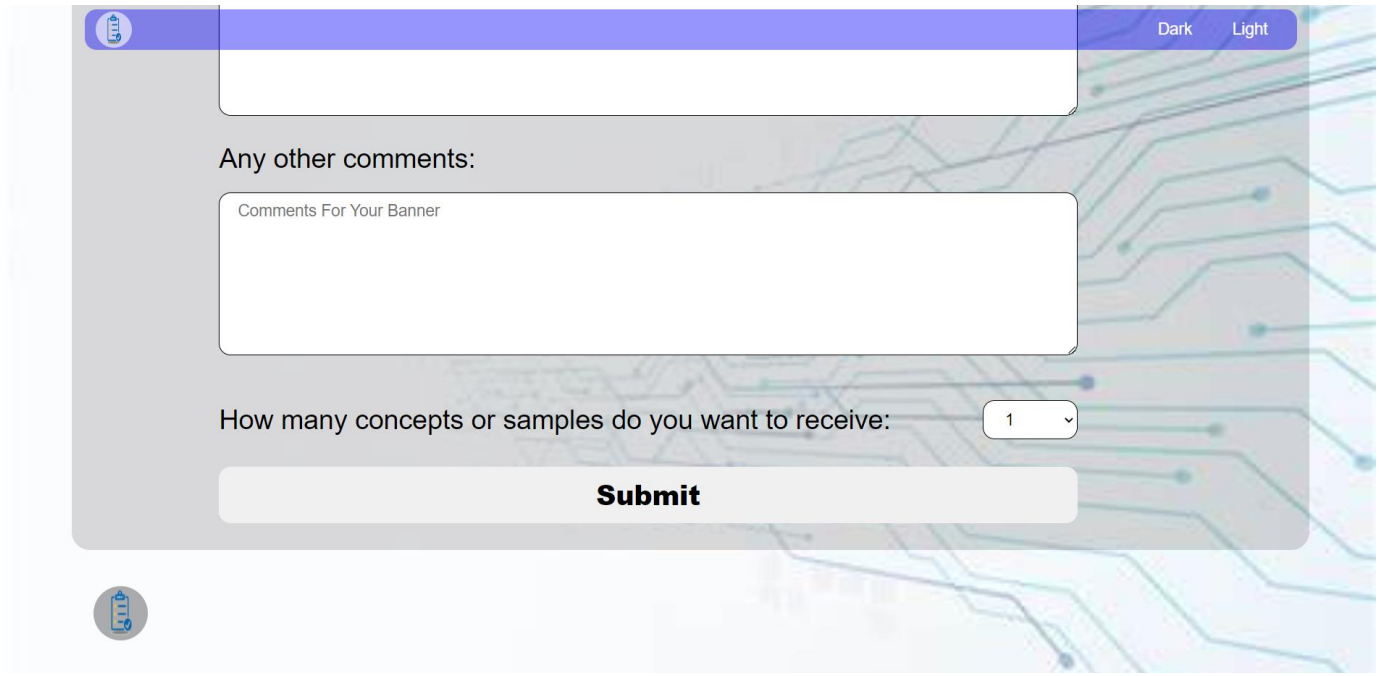
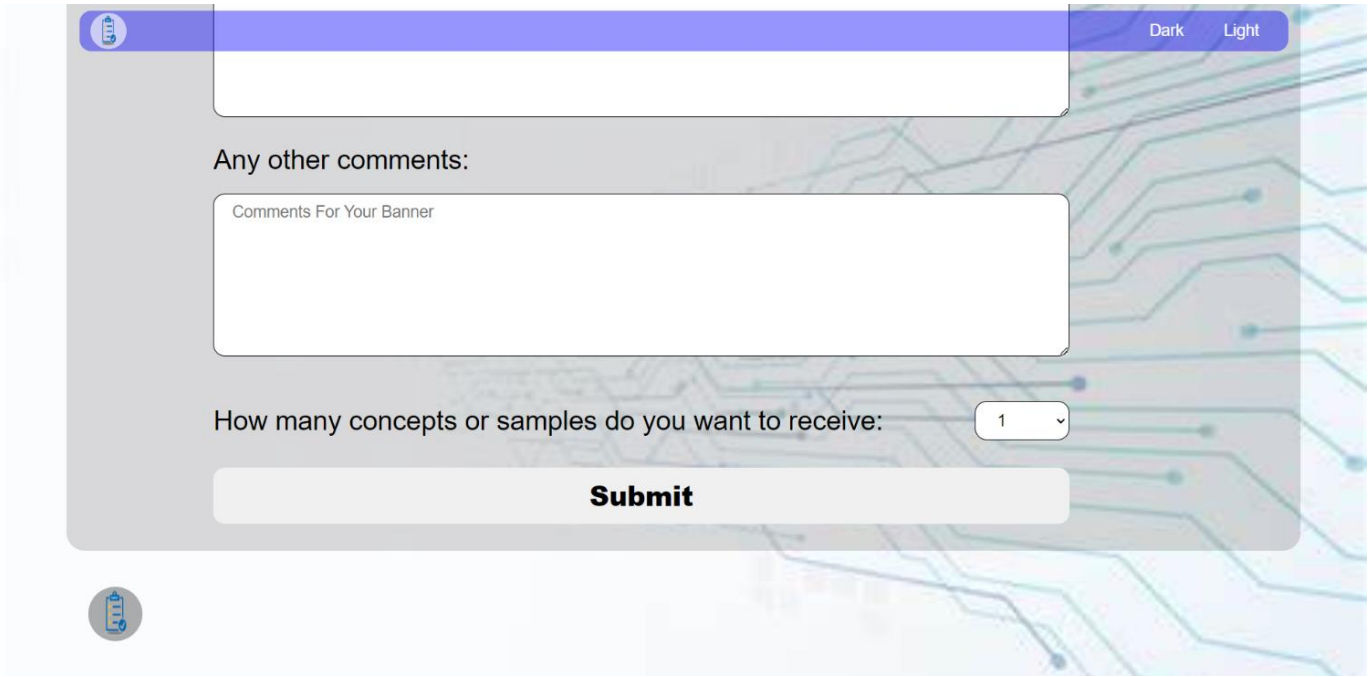
Main concept For Your Banner
Describe any ideas you have in mind for your design:
Content For Your Banner
Any other comments:
Comments For Your Banner


Dark
Light
Any other comments:
Comments For Your Banner
How many concepts or samples do you want to receive:
1
Submit



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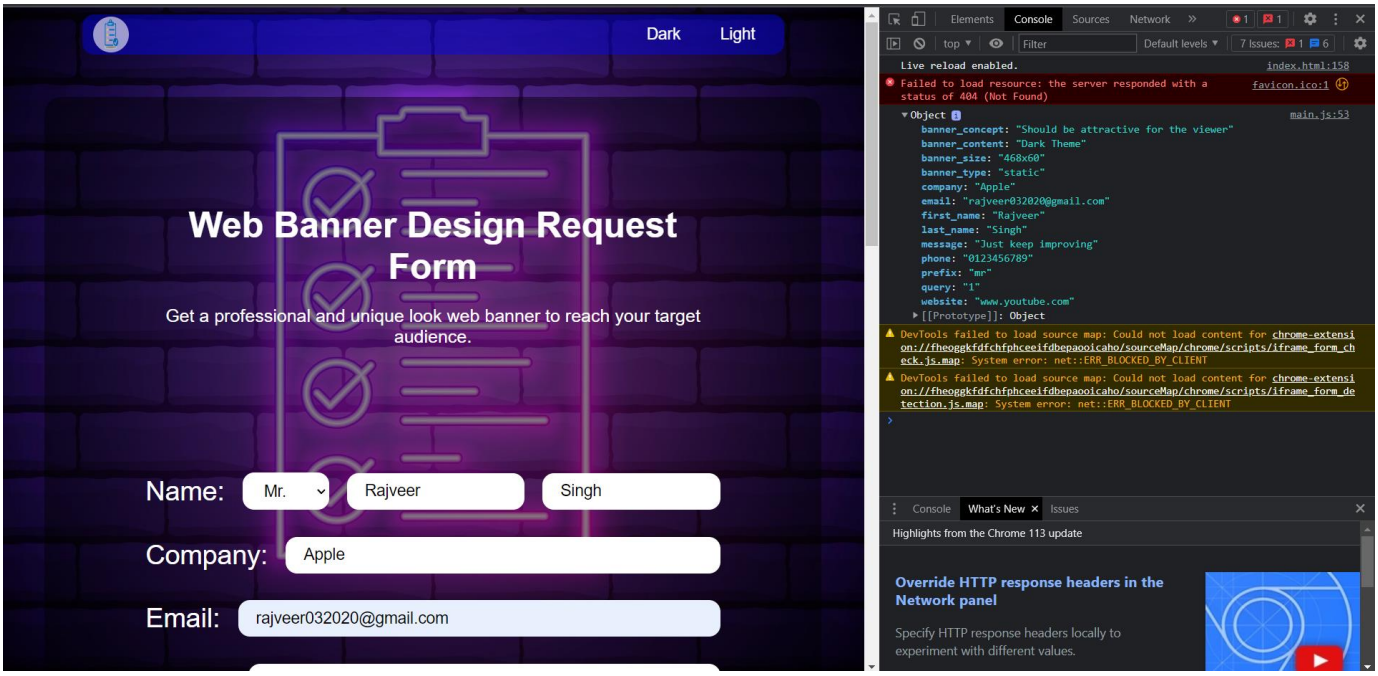

Conclusion

In conclusion, creating a survey form using HTML, CSS, and JavaScript allows you to design a user-friendly and interactive survey experience. By incorporating key features such as clear question structures, various response options, validation, navigation controls, and a responsive design, you can ensure a smooth and engaging survey process for your users.

Remember to consider the specific requirements of your survey and customize the form accordingly. With HTML, CSS, and JavaScript, you have the flexibility to create a survey form that meets your needs and provides valuable insights from your respondents.

Survey Form Project Link

- https://github.com/RajveerSingh711/FEE-evalution-2.git

Reference Link

- https://www.w3schools.com/