✨NSS WEB AA ASSIGNMENT✨

1. Web Development Task: [15 points]

Design and develop a responsive web page meeting the following criteria:
   a. Should contain a navigation bar with links to your intro page, hobbies page and sop page. [5]
   b. Should have a dynamic gradient in the background. [5]
   c. Should have a live clock on the main page (created with javascript function). [5]

2. Basic Questionnaire: [3 points]

Answer the following questions on Django:
   a. What is Django and what is its main purpose? [1]
   b. What is the difference between a view and a template in Django? [1]
   c. What is a model in Django and how is it used? [1]

3. App Development: [7 points]

Answer the following questions on Flutter:
   a. List three advantages and three disadvantages of Flutter? [1]
   b. What is the difference between a stateful and stateless widget in flutter. [2]
   c. Name the different types of build modes in flutter. [2]
   d. How to create private variables in Dart? [2]

Submission Instructions:

Create a new repository on GitHub for the project.
Open a terminal and navigate to the directory where you want to store the project.
Initialize a new Git repository using command.

Add all the project files to the Git repository using the command line.
Commit the changes to the repository.
Push the changes to the remote repository .
Verify that the files have been uploaded to the GitHub repository by checking the repository on the GitHub website.
Link to the repository is to be submitted.

Following reading material can be used for reference:
1.https://www.w3schools.com/ for HTML, CSS, Javascript basics
2.https://www.javatpoint.com/javascript-tutorial for Javascript functions
3.https://www.tutorialspoint.com/flutter/index.htm for Flutter

ALL THE BEST👍!!

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