ASSIGNMENT-1

INSTRUCTIONS

- Read the Functional Requirement & problem statement thoroughly
- Apply CSS using external CSS file. Avoid creating inline and internal styles
- Create external javascript file and link it to HTML pages
- Create minimum of three HTML pages to design –
  - ✓ Home Page
  - ✓ Registration Page
  - ✓ Success page
- Each page should have header, footer and content area ,defined using div tags
- Ensure that proper concepts of web accessibility are applied in page design and validations as well
- **Kindly do the design part only for all the requirements**

FUNCTIONAL REQUIREMENTS

#1 TABLE DESIGN FOR DATA VALIDATION AND FORM INPUTS

a. TABLE_Donor

S.no	Field Name	Data type	Not Null?	Constraint
1.	Donor_id	Number	Primary Key	Primary Key
2.	Name	Varchar	Not Null	
3.	City	Varchar	Not Null	
4.	Phone number	Varchar	Not Null	
5.	Blood Type	Varchar	Not Null	Should allow only (A ,B,O,AB)
6.	Rh Factor	Varchar	Not Null	Should allow only (POSITIVE , NEGATIVE)
7.	Address	Varchar	Not Null	

b. TABLE_BloodDonate_Trans

S.no	Field Name	Data type	Not Null?	Constraint
1.	DonateID	Number	Primary Key	Primary Key
2.	Donor_id	Number	Not Null	FK to TBL_Donor
3.	Donate Date	Date	Not Null	
4.	Amount Paid	Number	Not Null	Default Zero

#2   CREATE A HOME PAGE WITH THE FOLLOWING LINKS

  i. Create Donor
 ii. Search Donor based on city and /or Blood type – Only Member can access.
iii. Also all the pages should have a link to home page.

#3   DONOR WEB PAGE REQUIREMENTS

Field Name	Type of Control	Mandatory/ Non-mandatory	Validations	Remarks
Name	Text Box	Mandatory		
City	Dropdown	Mandatory		(Chennai, Tambaram,Adyar, Velachery ,Ambattur, Avadi, Perambur)
Phone number	Text Box	Mandatory	Length 10 , accept only numbers	
Blood Type	Drop down	Mandatory		As given in **TABLE_Donor**
Rh Factor	Radio Button	POSITIVE, NEGATIVE	POSITIVE (default selected), NEGATIVE	As given in **TABLE_Donor**
Address	Text Box	optinal	If value is entered, then should be length minimum 80 character	
Create DONOR	Button		All mandatory fields should have value as specified.	
Clear	Button			When user clicks on this button, clear all textbox and make radio button to select default value

#4   SEARCH DONOR BASED ON CITY AND /OR BLOOD TYPE

Field Name	Type of Control	Validations	Remarks
City	Dropdown		To be considered less than equal to given amount
Blood Type	Drop down		As given in **TABLE_Donor**
	RadioButton (POSITIVE, NEGATIVE)		(if blood type is selected , mandatory to select either of these value)
Rh Factor	Radio Button	POSITIVE (default selected), NEGATIVE	As given in **TABLE_Donor**
Search	Button	Check that value is entered in anyone field.	If value is entered for both fields, then search to match records that satisfies both the condition or either one condition