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_ You are expected to develop a dynamic ASP.NET Web Site using C# for the following non governmental organisation (NGO). The NGO is a StreetKids Rehabilition Center whose goal is to take children from the streets, rehabilitate those kids that are addicted to drugs or any other substance, and thereafter place them within orphanages or reunite them with their families where possible.

The Rehabilitation Center provides food, shelter, clothes, medical care and counselling to the streetkids that are wiiling to be assisted. The Center depends on funding from the public and corporate sponsors in order to continue running their programmes to assist the streetkids.

You have been approached by the Rehabilitation Center to develop a dynamic website to publicise the Center, their activities and rehabiltition programme. The website must also raise funds from the public through donations. Those people that want to donate must register on the site and login in order to make their donations.

Your web site must contain the following pages with information about the Rehabilitation Center, with the home page to be set as the default page:

1. **Home**

2. **About Us**

   This page will provide an introduction to the Rehabilitation Center, their vision, purpose etc.

3. **Projects / Programmes**

   Will describe the projects and programmes offered by the Rehabilitation Center.

4. **Contact us**

   Provides all contact details for the Rehabilitation Center.

5. **Donations Page** (12) Create a Registration page that will allow a person wanting to donate money for the first time to register as a donor. Thereafter donors should be able to click on the Login page link to be available on the Home page and go directly to the Donations Page.

Your Registration page must capture vital details such as Identification number (ID), surname, first names, email address, contact number, home address, username, password for the new donor. The Usernames should be unique to each user. Also, provide adequate validation of the password chosen by the user to meet the following rules that is, password length should not be less than 8 characters, must include at least 1 digit, and 1 Uppercase character.

These details should be stored within a Registration table in your SQL server database. Thereafter, the newly registered donor must be directed to the Donations page where the person will indicate date of donation, amount to be donated, special message and any other relevant information. If the donation has already been made, a Reference number for the donation should also be stored. All of this information for the donation must be captured within the Donations table.

Your website does not have the facility for users to make online payments at the moment. So, provide the Center's banking details on the Donation page. People are asked to make donations via EFT using their own banking services or direct deposits into the Center's bank account and to send through proof of donations via an email to the organisation or through the reference number captured on the Donor form.The reference number is provided by the bank when the funds are transferred via EFT or deposited directly.

After making the donation allow the person to logout and direct the person back to the Home page.

6. **Admin Page**

This page will be viewed by the Administrator of the system only. The Administrator is an employee from the Rehabilitation Center and must be able to view all records from the Registration table, and the Donations table. Also, enable the Administrator to select a specific donor and be able to view all donations from that donor. Please create the Administrator as an existing user within your Registration table, with the username of **Admin** and password of **12345.**

7. Please ensure that you determine and create all necessary tables for the required functionality. Ensure that you normalise your tables to prevent redundancies and anomalies. You must use a SQL Server database. Ensure that you populate your tables with adequate and realistic data so as to test your application rigorously and thoroughly.

8. Please ensure that you provide adequate validation so as to minimise data capture errors and/or incomplete data submission and to also handle all exceptions, so that your program does not crash.

This application will be assessed on the following criteria:

Database design	
Interface Design	
Functionality Home page is the startup page About us page X Projects / Programmes page Contact Us page Old User to login and be directed to page to make donation New user to complete registration form, and record written to registration table Member fills out Donation info, and new record is written to the Donation table Admin page – Only Administrator can access this page, and can see all records in Registration table, and Donations / Volunteers page	
Validation and Exception Handling	
Professionalism & Overall Impression	