

Comsats University Islamabad
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Semester project

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Subject: visual programming

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➤ **App Title: Rah e Haq**

Purpose: Rah e Haq is a user-friendly donation platform designed to help individuals easily contribute to various causes. It is a nonprofit organization committed to helping those in need. The app connects donors with the Rah e Haq, ensuring transparency and simplicity throughout the donation process. Join the Rah-e-Haq app and be a beacon of hope for those in need.

➤ **Features and Functionalities**

Splash Screen:

- A welcoming splash screen that includes an animated logo and tagline. *“Join Rah-e-Haq: Ignite Hope and Change Lives.”*

➤ **User Authentication Module:**

- **Login:** Users can log in with their email and password.
- **Signup:** New users can sign up with name, email, and password.
- **Forgot Password:** Reset feature that sends an email link to reset the password.

➤ **Home Screen (Main Menu):**

- **Donate Now:** Choose a cause and donate
- **My Donations:** View donation history.
- **Featured Campaigns:** Highlight present campaigns.
- **Contact Us:** Contact support and provide feedback.
- **Settings:** Manage personal info, preferences, and donations.

➤ **Database Integration (LINQ to SQL):**

- **Users Table:** Stores user details.
- **Donations Table:** Tracks donations
- **Campaigns Table:** Stores campaign details (description, target,).
- **Messages Table:** Logs feedback from the "Contact Us" section.
- **Settings Table:** Stores user-specific settings.

➤ **GUI Guidelines:**

- Simple, intuitive design with Smooth transitions

➤ **Tools & Technologies Used:**

- **Visual Studio:** Development environment. **C#:** Backend programming language.
- **WinForms:** UI framework. **SQL Server & LINQ to SQL:** Database management

Conclusion:

- The Rah-e-Haq app provides a simple and secure way for people to support causes, promoting positive social change. It connects donors to causes through an easy-to-use interface and ensuring a smooth experience for both users and organizations

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