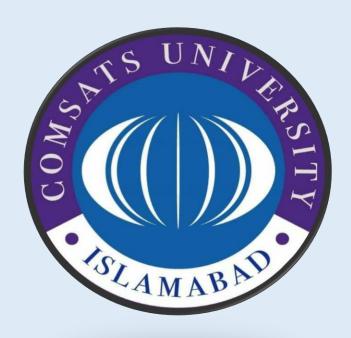
Comsats University Islamabad Abbottabad Campus



Semester project

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Subject: visual programming

Reg No:FA22-BCS-087,FA22-BCS-139

> 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

