International Islamic University Chittagong

PROJECT REPORT

Department: Computer Science & Engineering(CSE)
Course Code: CSE 3532
Course Title: Tools and Technologies for Internet Programming.
Semester: 5th
Section: 5DF

Team Name: Hand-in-Hand Innovators.
Project Name: Blessed Hands.

Submitted To:
> Sara Karim, Adjunct Lecturer, Depart. of CSE, IIUC.

Submitted By:
- Rubaiyat Sharmin Mahin.
  ID: C231532
- Rownak Jahan.
  ID: C231535R
- Sabria Shabnam Afra.
  ID: C231540

Date of Submission: 09-07-2025
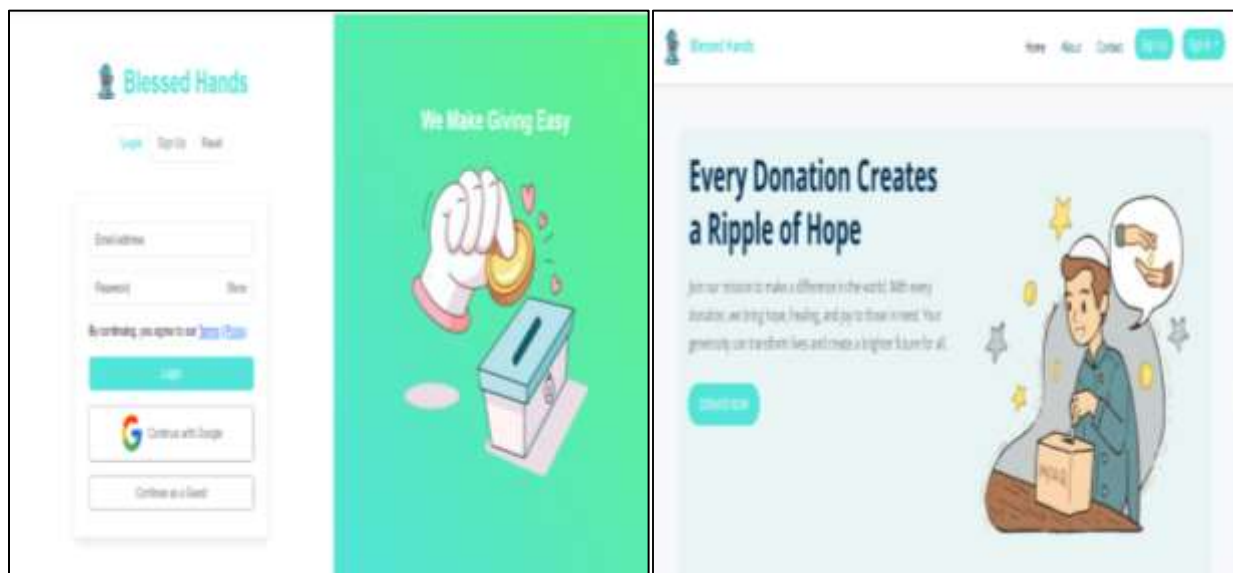
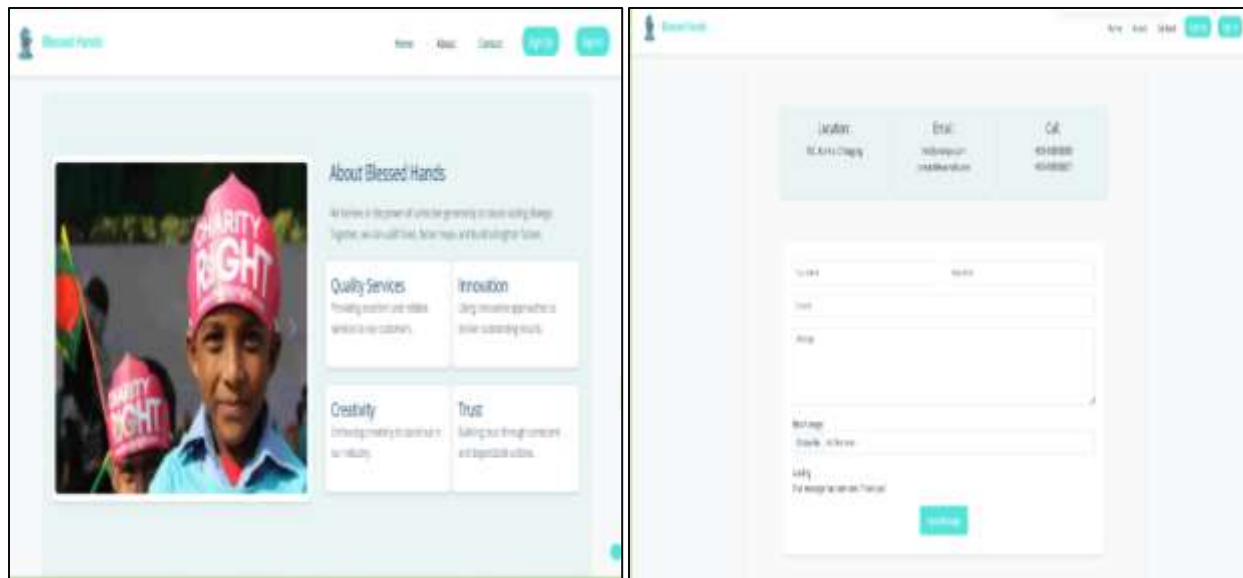**Remarks:**

Project Topic: Blessing Hands

Introduction: **"Blessing Hands"** is a web-based donation platform developed to simplify and digitalize the process of helping people in need. The primary goal of this project is to create a user-friendly and secure website where users can register, log in and donate funds for various causes. The platform serves as a bridge between donors and beneficiaries, making the act of giving more accessible and efficient. This project was developed using a combination of front-end and back-end technologies. HTML**,** CSS and JavaScript were used to design an interactive and responsive user interface, ensuring a smooth experience across devices. For server-side processing and database interaction, PHP was used along with MySQL, managed through XAMPP — a local server environment that simplifies the development and testing process.
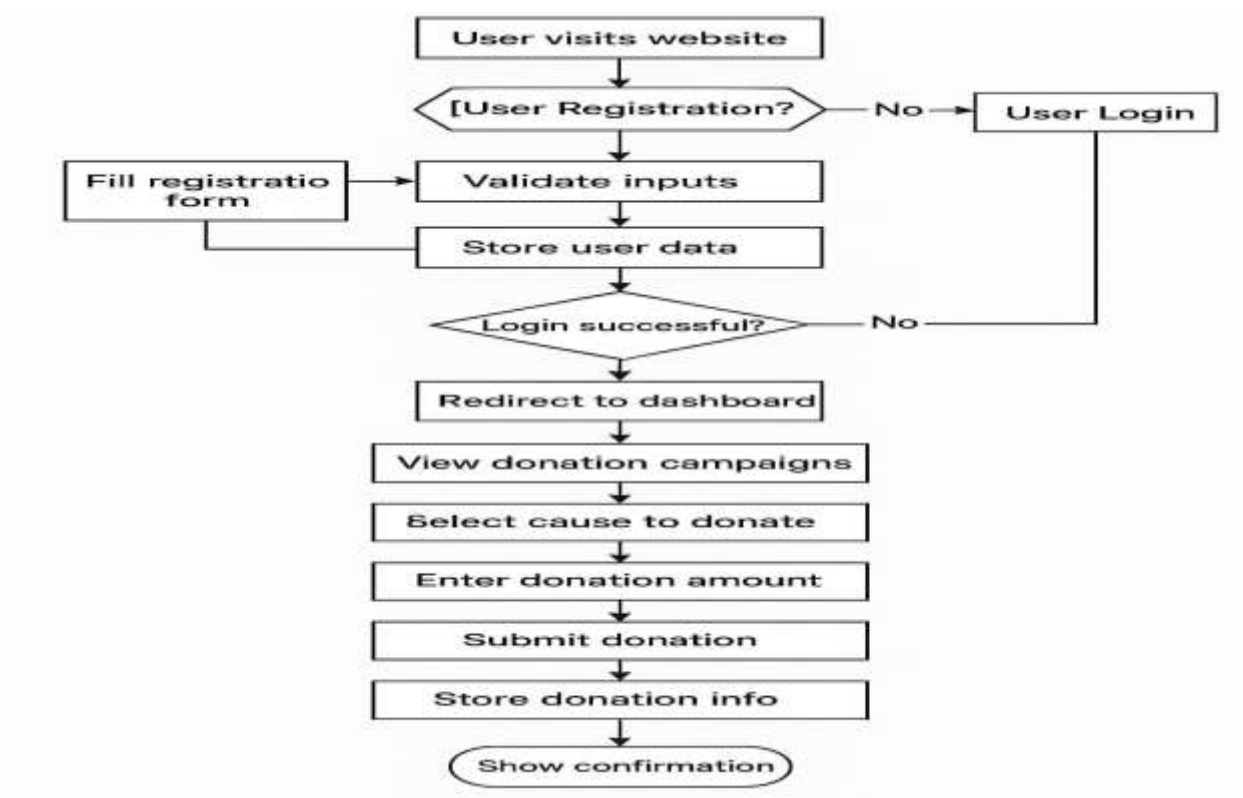
Working Procedure:
1. **User Registration & Login:** Users create accounts by entering their name, email, and password. JavaScript handles form validation, and PHP stores the data securely in a MySQL database (via XAMPP). Logged-in users are directed to their dashboard.
2. **Donation Dashboard:** After login, users can view available causes, donation goals, and a "Donate Now" option. The interface is built with HTML, CSS, and made interactive using JavaScript.
3. **Making a Donation:** Users select a cause and enter a donation amount. The form is submitted, and PHP processes the data, which is saved to the database. A confirmation message is displayed.
4. **Admin Panel:** Admins can monitor donations, manage users, and edit or add donation campaigns.
5. **Backend & Local Hosting:** All backend operations use PHP-MySQL queries, tested and run locally using the XAMPP stack (Apache and MySQL).

Some demo pictures of Blessing_Hands:

Flowchart:

Conclusion: The Blessing Hands platform successfully provides a simple and secure way for users to donate to meaningful causes. By leveraging web technologies like HTML, CSS, JavaScript, PHP and using XAMPP for local development, the system ensures smooth user experience and reliable data management. This project demonstrates how technology can facilitate social good by making donations more accessible and transparent.