Project Tittle

Automated Email Sender for Professional Fields and Industries

Domain And Algorithm

Domain:

   Communication Automation

Used Algorithm:
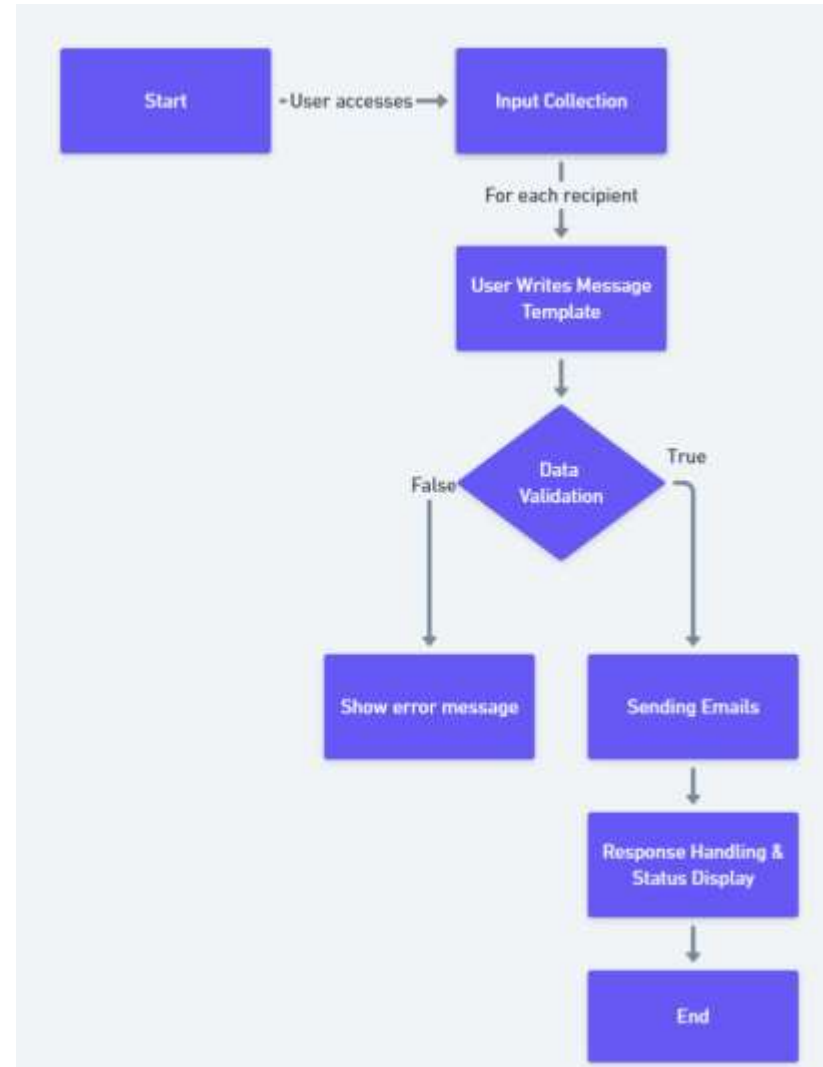
   String Substitution Algorithm

   String Mapping Algorithm

Abstract

In modern organizations and various industries, communicating personalized messages to individuals is a critical task. This project proposes a web-based tool designed to simplify and automate the process of sending individual emails to selected recipients. The application allows users to select multiple individuals from a predefined list, input their names and email addresses, and compose a personalized message for each recipient. Upon clicking the "Send" button, the system dispatches individual emails, ensuring accurate and efficient communication.

This tool is not only beneficial for corporate environments to streamline employee communication but also highly applicable in fields like telecalling, educational admissions (colleges, schools, academies), and company recruitment processes. It can be used to notify leads, students, or candidates about admission updates, interview schedules, or event invitations. The platform aims to save time, reduce manual errors, and enhance the professionalism and effectiveness of communication across diverse domains.

Flow Diagram

Expected Input and Output

Input:
- Email 1: user1@example.com, Name: **John**, Role: **Manager**, Salary: **$5000**
- Email 2: user2@example.com, Name: **Alice**, Role: **Developer**, Salary: **$4000**

Message:
Hello {name},
Your role in our company is {role}, and your salary is {salary}.
Keep up the great work!

Output:
Sent Email Like

To John
Hello John,
Your role in our company is Manager, and your salary is $5000.
Keep up the great work!

To Alice
Hello Alice,
Your role in our company is Developer, and your salary is $4000.
Keep up the great work!