

Email Notification Feature POC

1. Introduction:

The Email Notification Feature POC aims to demonstrate the capability of an application to send automated emails to users based on specific triggers. This documentation provides a detailed overview of the project, including its objectives, requirements, implementation, testing, and future considerations.

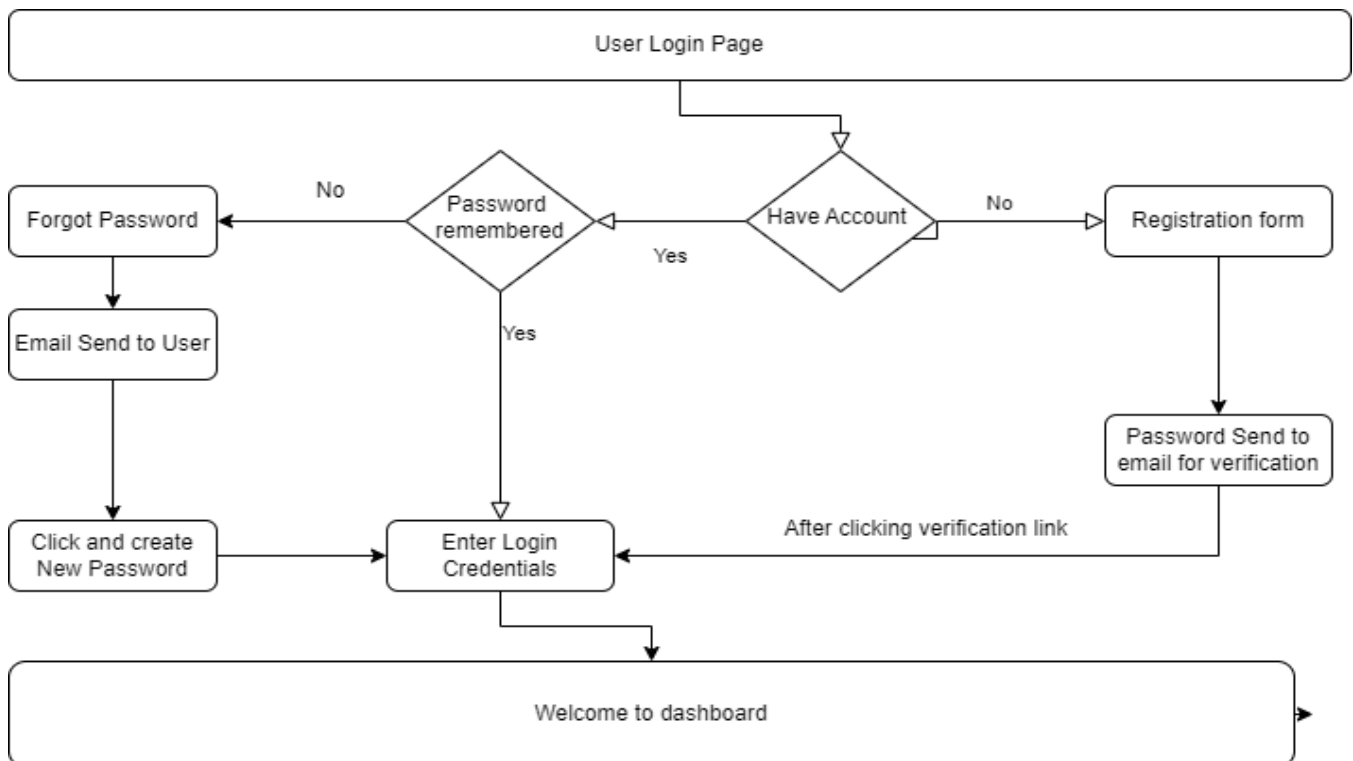
2. Objective:

The primary objective of this project is to develop a proof of concept for the email notification feature within the application. This includes setting up an email delivery service, implementing trigger mechanisms, designing email templates, and ensuring proper functionality, scalability, code quality, and documentation.

3. Requirements:

The project requirements were outlined to guide the development process effectively. They include researching and selecting an email delivery service, developing trigger mechanisms, creating email templates, testing the feature, documenting the setup and usage, and presenting the results to the team.

4. Flow Diagram



Email Notification Feature POC

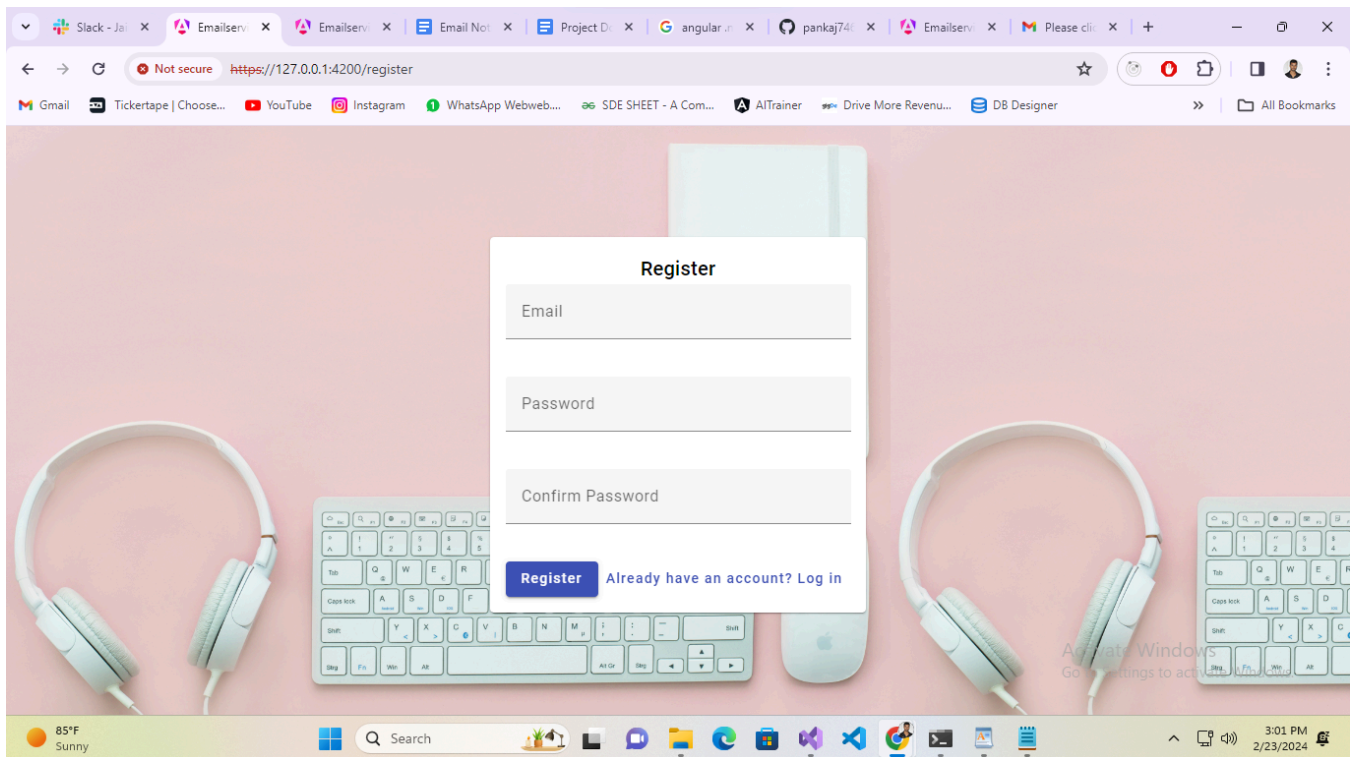
5. Implementation:

Research and Setup: Researched and selected Gmail as the email delivery service. Set up an account and configured it for use in the project.

Email Trigger Mechanism Development: Developed logic to trigger emails for events like new user registration, User Registration Verification, User reset password verification, Login welcome and password reset.

Email Content and Template Creation: Designed email templates for welcome and password reset scenarios., and welcome user email after successfully login. Implemented dynamic content population. All the screenshot are shown below.

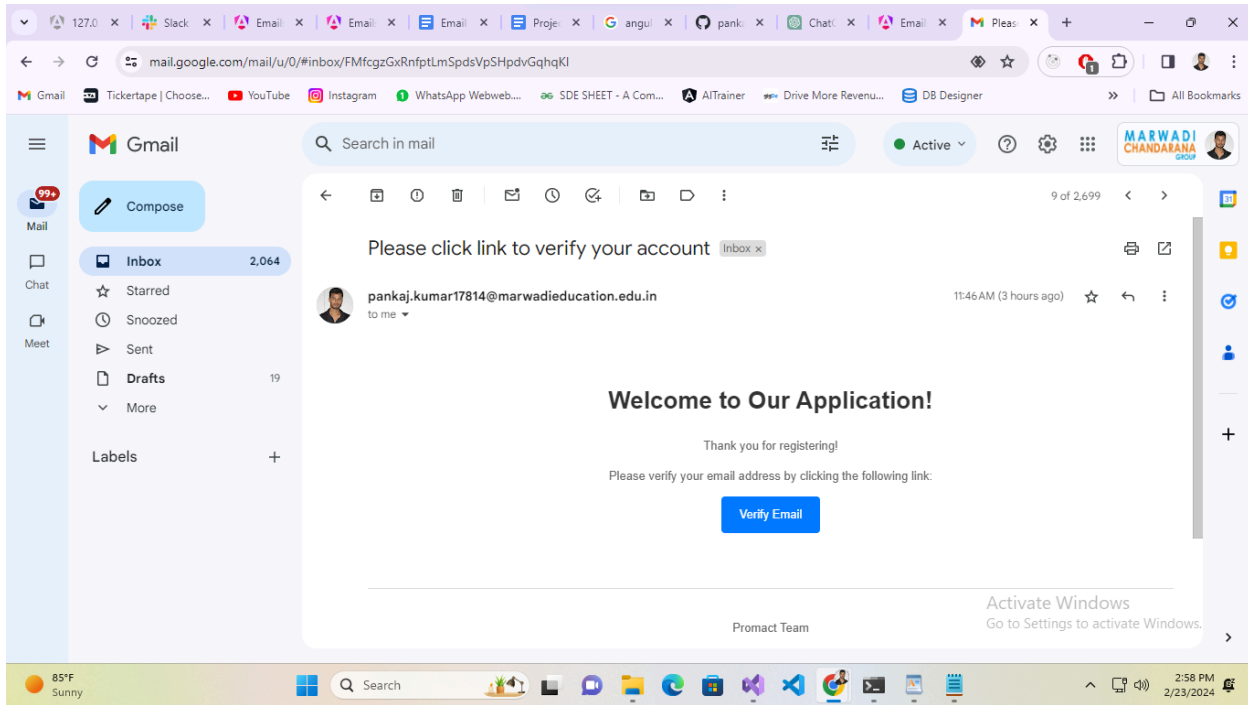
User registration form



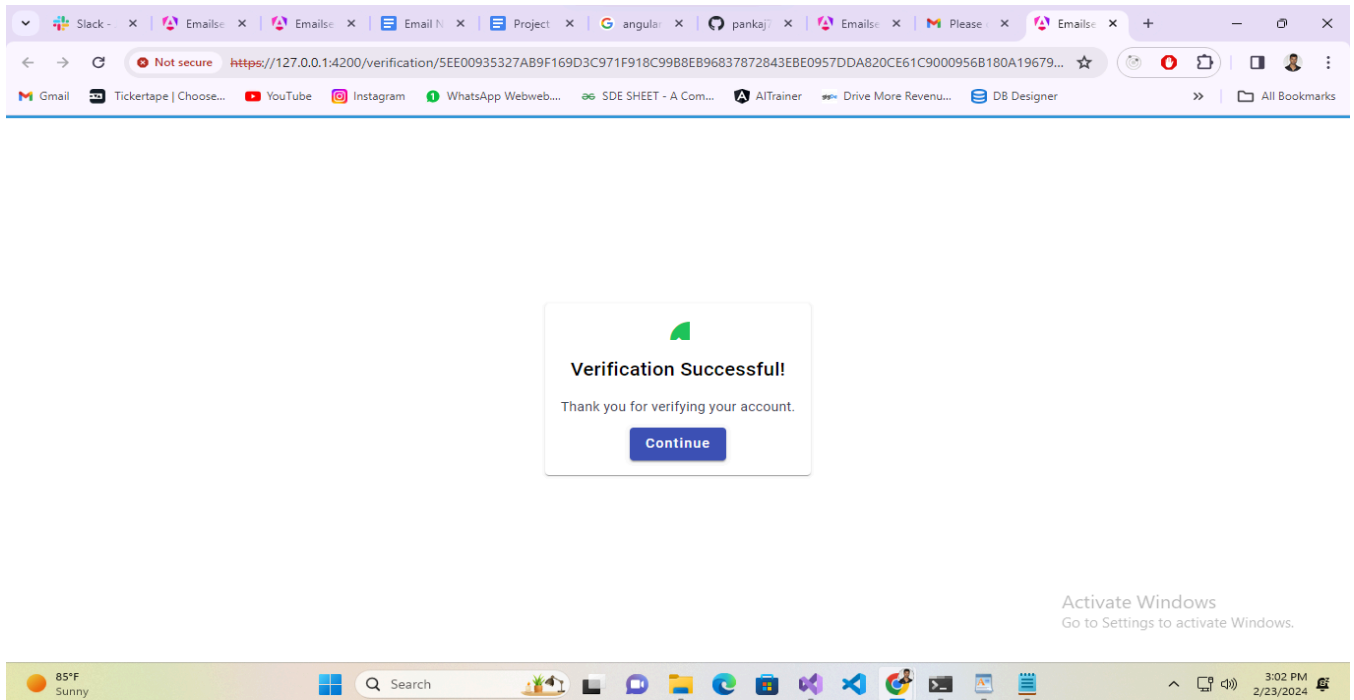
The screenshot displays a web browser window with a registration form titled "Register". The form is centered on a desktop background featuring a pink surface, a white keyboard, and a pair of white headphones. The browser's address bar shows the URL "https://127.0.0.1:4200/register". The form contains three input fields: "Email", "Password", and "Confirm Password". Below these fields are two buttons: a blue "Register" button and a link that says "Already have an account? Log in". The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray indicates a temperature of 85°F, sunny weather, and the date/time as 3:01 PM on 2/23/2024.

Email Notification Feature POC

Registration verification email

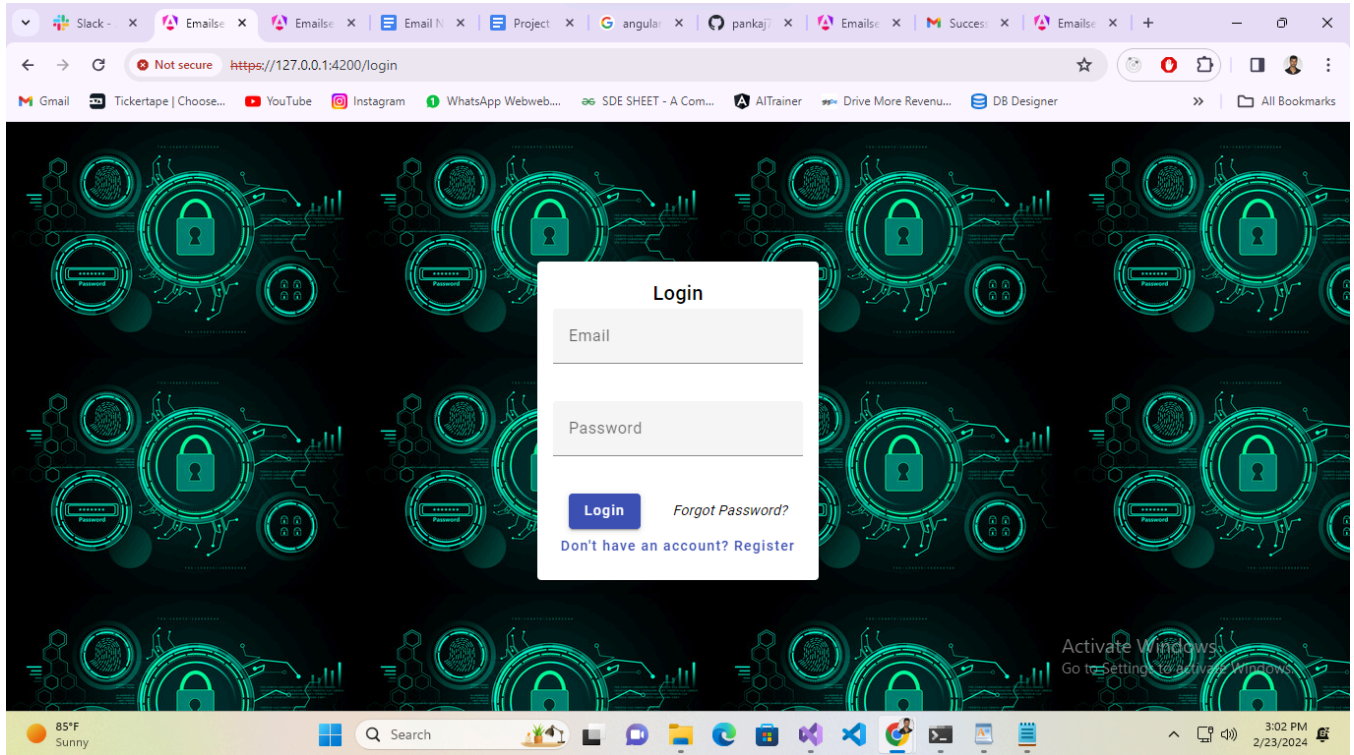


User Verification success

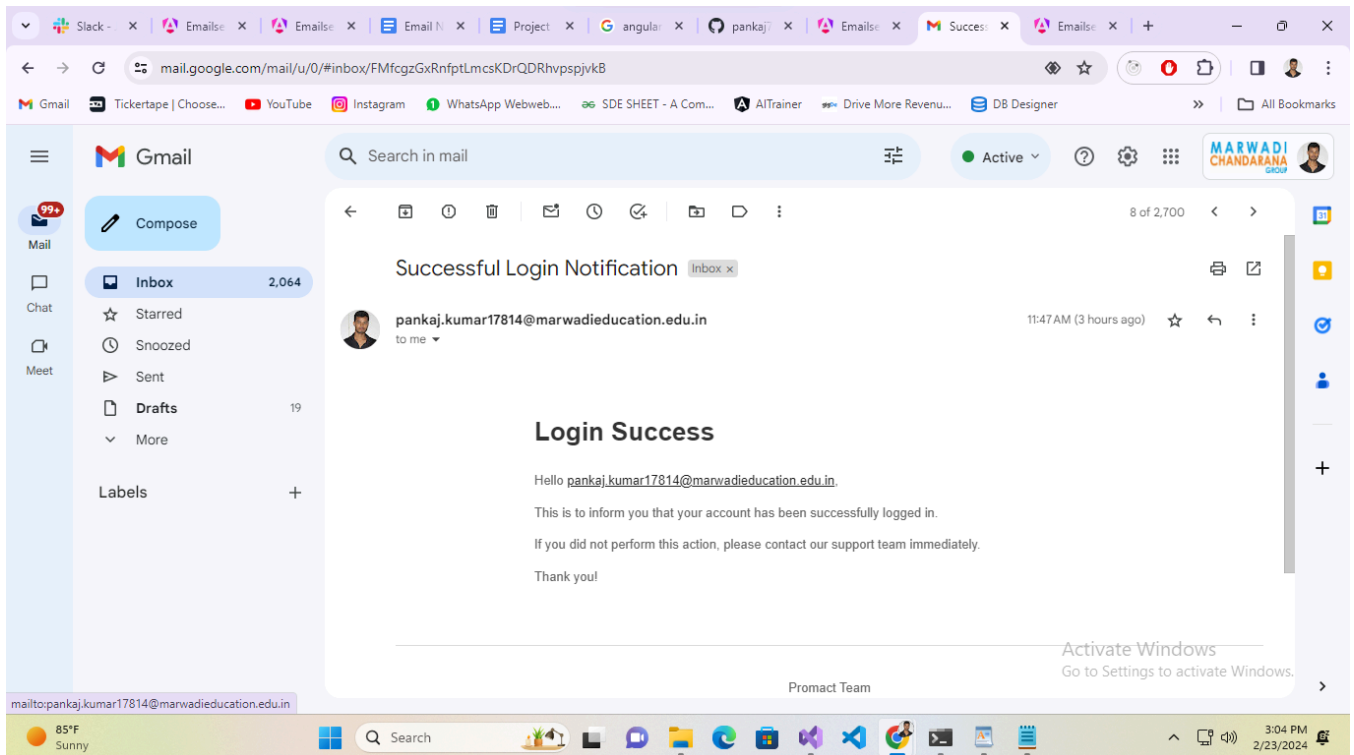


Email Notification Feature POC

User Login form

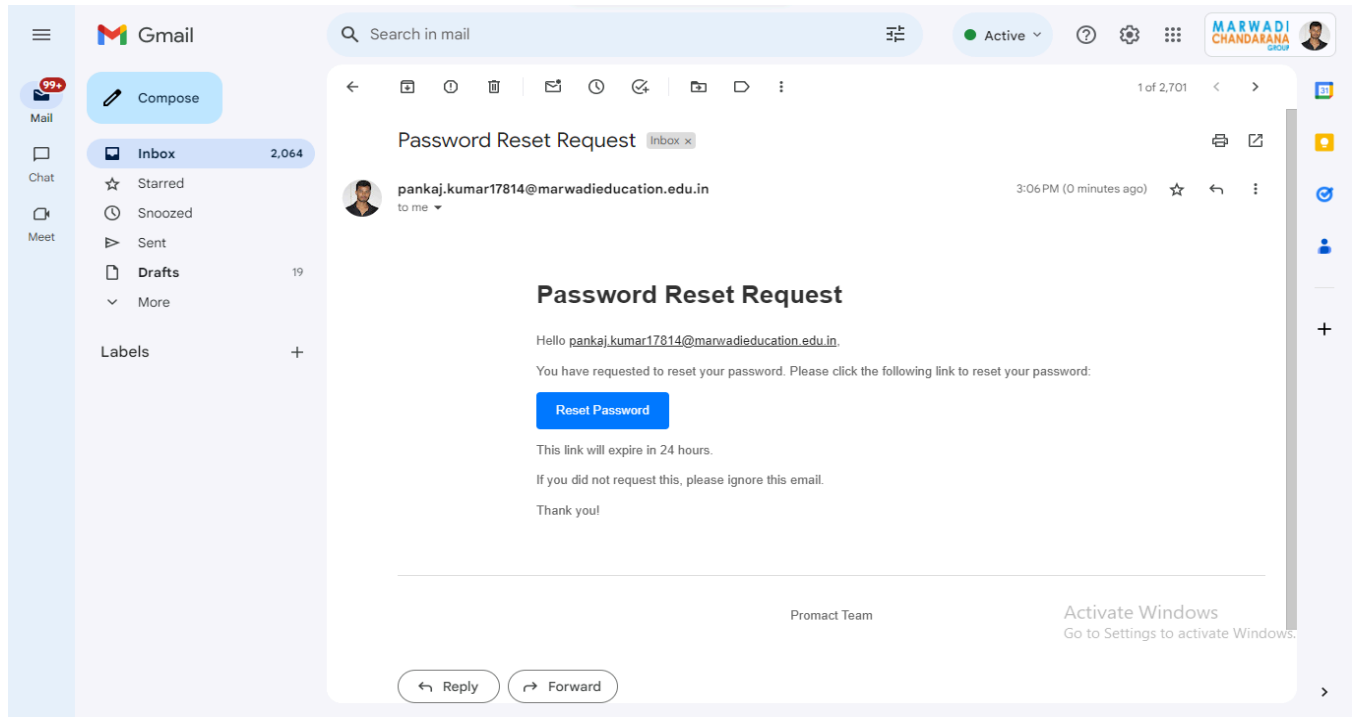


Login Success Email



Email Notification Feature POC

Password Reset Request email



Password reset form

Email Notification Feature POC

