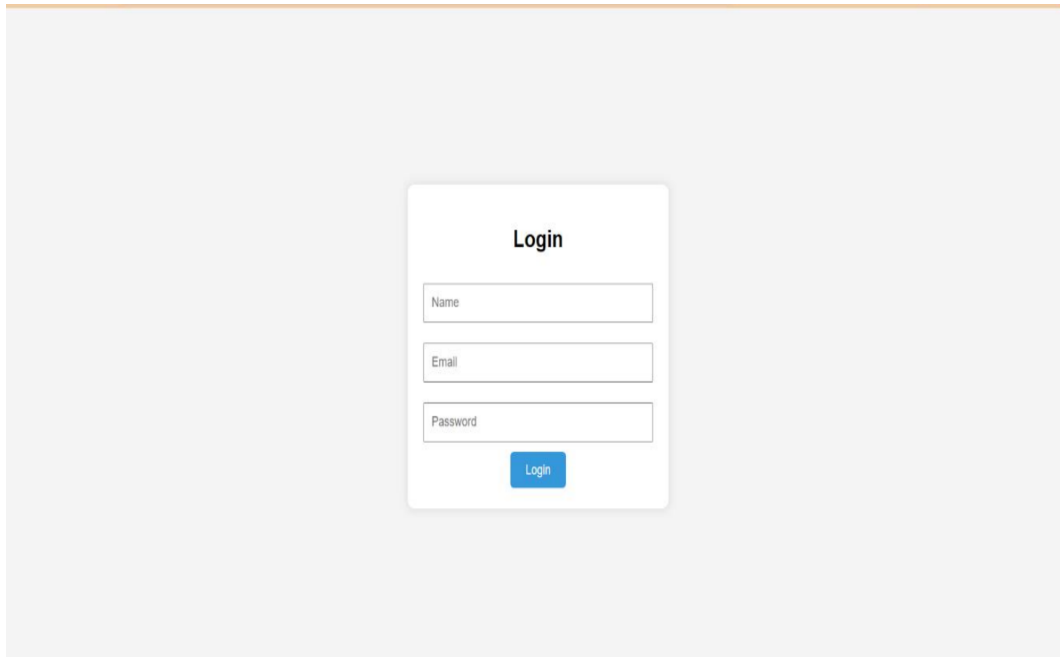# Project Explanation

In this project, the goal is to create a secure file-sharing system. To achieve this, I have developed a registration page that collects basic details such as name, email, and password. Upon registration, these details are stored in a SQL database through XAMPP, using tables that I have previously created. When a user registers and enters their name, email, and password on the registration page, this information is stored in the database. Simultaneously, a confirmation email is sent to the registered email address, containing a verification link. Clicking on this link confirms the registration, and the corresponding entry in the database is marked as "verified" in a designated column. Subsequently, I created a login page where users enter their email and password. The system checks the entered credentials against the database to verify their authenticity. If the provided email and password match an existing record, the user is redirected to the upload page. On the upload page, users who have successfully logged in can upload files, limited to the types pptx, docx, and xlsx. Notably, the passwords for these files are securely stored in the database. They undergo encryption before being stored, and during the login process, the system decrypts the password for cross-checking. Only if the decryption process confirms the accuracy of the password will the user be allowed to log in. This multi-layered security approach ensures the integrity of the file-sharing system.

Login page:
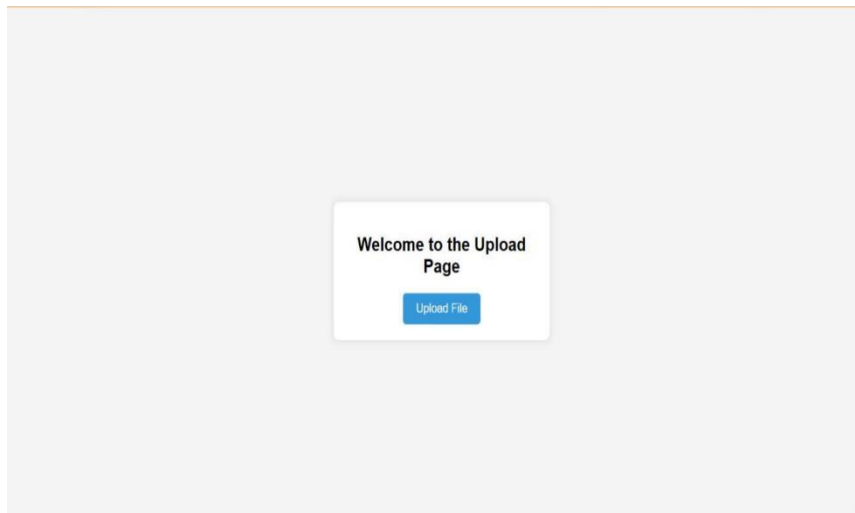
Login

Name

Email

Password

Login

Upload file page:

Welcome to the Upload Page

Upload File

DATABASE