

LOGIN FORM WITH OTP

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Overview:

In today's digital world, security is of utmost importance, especially when it comes to user authentication. One of the most reliable methods for ensuring secure access is through the use of One-Time Passwords (OTPs). This abstract introduces a Java-based login form that incorporates OTP-based authentication to enhance the security of user logins. The login form is designed to provide a seamless and user-friendly experience while maintaining a good security framework. The Java Mail API plays a trivial role in implementing authentication.

Goals:

1. To enable the user to be able to register in the form.
2. To enable OTP generation and delivery.
3. To verify the OTP and provide security.
4. To provide assistance with account recovery.
5. Utilize the Java Mail API to generate and send OTP to the registered mail ids.

Conclusion:

This Java-based login form with OTP authentication serves as a good solution to mitigate security risks associated with traditional username and password-based authentication systems. It provides an additional layer of security while ensuring a user-friendly experience.