

LOGIN FORM WITH OTP

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ABSTRACT :

The Login form with OTP is a mini-web based application developed in Java Programming language to enable secured login. The project aims at confirming whether the right user has entered the right information about them so that they can be given access to certain required information .

The project begins with the creation of a user-friendly graphical user interface (GUI) for the login form, making it intuitive and accessible to all users. It focuses on the implementation of various security measures to safeguard user data and authentication credentials.

Being online software, it can be logged on from anywhere with internet access.

FEATURES :

The key features of this project are :

- This project has been developed with the NetBeans IDE (17th version) .
- This project is a Maven project which uses the pom.xml (Project Object Model) initially .
- Spring and Spring boot frameworks are used for sending OTP via mails in an easy way .

- GUI is also used to get the mail-id and later for getting OTP from the user . Labels and buttons are used in it .
- It can be installed anywhere to provide an effective survey facility at an affordable cost.

SYSTEM SPECIFICATION :

Hardware requirements:

- Hard Disk: PC with minimum 2GB
- RAM : 256MB or more

Software requirements:

- Language : JAVA – Framework –Spring, pom.xml
- Forms : jframe form for GUI
- CSS, HTML

CONCLUSION :

This project is an effective one where users can log in using their credentials (typically an email-id and the otp that they received via mail) for an extra level of security .