

Authentication Flowchart Using Figma

This flowchart represents a **basic user authentication process** used in most login systems. It outlines the logical steps involved in verifying a user's identity based on their username and password.

How It Works:

1. **Start:**
The process begins when a user attempts to log in to a system or application.
2. **Login Screen:**
The user is presented with a login screen where they must enter their **username** and **password**.
3. **Click Submit:**
Once the user fills in the credentials, they click on the submit/login button to proceed with authentication.
4. **Username Validation:**
The system first checks whether the entered username exists in the database.
 - If the username is **invalid**, the system displays an "**Invalid Username**" error message, and the process ends there.
 - If the username is **valid**, the system proceeds to password verification.
5. **Password Validation:**
The system then checks whether the provided password matches the one stored for that username.
 - If the password is **incorrect**, an "**Incorrect Password**" error message is shown.
 - If the password is **correct**, the user is successfully authenticated.
6. **Login Successful:**
Upon successful username and password validation, the user gains access to the system or is redirected to their dashboard or homepage.

Outcome:

The flowchart ensures a secure, step-by-step validation process that protects user data by checking both the username and password before granting access.

