# Full Sequential Process of Spring Security Authentication Flow

## 1️⃣ User Submits Login Request

The user enters email and password in the login form and submits it.

## 2️⃣ UsernamePasswordAuthenticationFilter Intercepts the Request

This filter extracts the email and password, then creates an authentication token.

## 3️⃣ AuthenticationManager Calls DaoAuthenticationProvider

The authentication manager delegates authentication to DaoAuthenticationProvider.

## 4️⃣ BlogUserDetailsService Fetches User

Calls loadUserByUsername(email) to fetch user details from the database.

## 5️⃣ Password is Verified

Compares the entered password with the stored hashed password using PasswordEncoder.

## 6️⃣ Account Status is Checked

Calls isEnabled(), isAccountNonLocked(), etc., to verify the user’s account status.

## 7️⃣ Roles & Authorities are Loaded

Calls getAuthorities() to load user roles like ROLE\_USER, ROLE\_ADMIN.

## 8️⃣ Authentication is Stored

SecurityContextHolder stores authentication for future requests.

## 9️⃣ User is Redirected or Receives JWT

For web apps, user is redirected to /home; for APIs, a JWT token is returned.

## 🔄 10️⃣ Future Requests are Authenticated

Checks session or JWT to verify authentication before processing requests.