## 🧪 Secure Flask App Test Checklist

1. Login Functionality

- Login with demo user (admin / Admin@123)

- Expected: Redirect to /dashboard, username displayed

2. Wrong Credentials Test

- Enter wrong username or password

- Expected: Error message, no access to dashboard

3. Username Format Validation

- Enter invalid username (!@# or too short/long)

- Expected: Error message, login denied

4. Password Policy Test

- Enter password not meeting policy

- Expected: Error message, login denied

5. Session-Based Access Control

- Open /dashboard without login -> redirect to login

- Open /dashboard after login -> dashboard visible

6. Logout Test

- Click logout link -> session cleared, redirect to login

- Access /dashboard after logout -> redirect to login

7. Session Expiration Test

- Login, wait 30 min (or 1 min for local test)

- Expected: Session expired, redirect to login

8. Cache-Control Test

- Logout and click browser back button -> dashboard not visible

9. Cookie Test

- Check session cookie -> HttpOnly, SameSite=Lax

10. XSS Test (Bonus)

- Input <script>alert(1)</script>

- Expected: script not executed, error shown