# ANPR System Security Checklist

## Essential Security Features

- Strong password policies and hashed storage (bcrypt or argon2)

- Role-Based Access Control (Admin, Security, Registered User)

- Form input validation and XSS prevention

- Use of prepared statements to prevent SQL injection

- HTTPS with SSL/TLS certificate

- Secure session handling with timeout and regeneration

- CSRF protection in all forms

- File upload validation and storage outside public directory

- Secure Flask API with tokens and/or IP restrictions

## Bonus Features

- Activity and access logging (login, ANPR events, etc.)

- Encryption of sensitive database fields

- Run vulnerability scans (OWASP ZAP, Nikto)

- Basic privacy policy for data handling transparency