

## NIST CSF Control Walkthrough

### Sunrise Hospital Appointment Booking System

**Application:** Sunrise Hospital Appointment Booking System

**Repository:** [SunriseHospitalsApp.git](https://github.com/SunriseHospitalsApp)

**Control Assessed:** PR.IP-3 - Configuration Change Control

**Assessment Date:** September 7, 2025

#### Control Implementation Summary

**NIST CSF v1.1 Control PR.IP-3:** "Configuration change control processes are in place"

**Implementation Method:** GitHub Branch Protection Rules with mandatory code review workflow

**Control Status:** Implemented

#### Technical Implementation

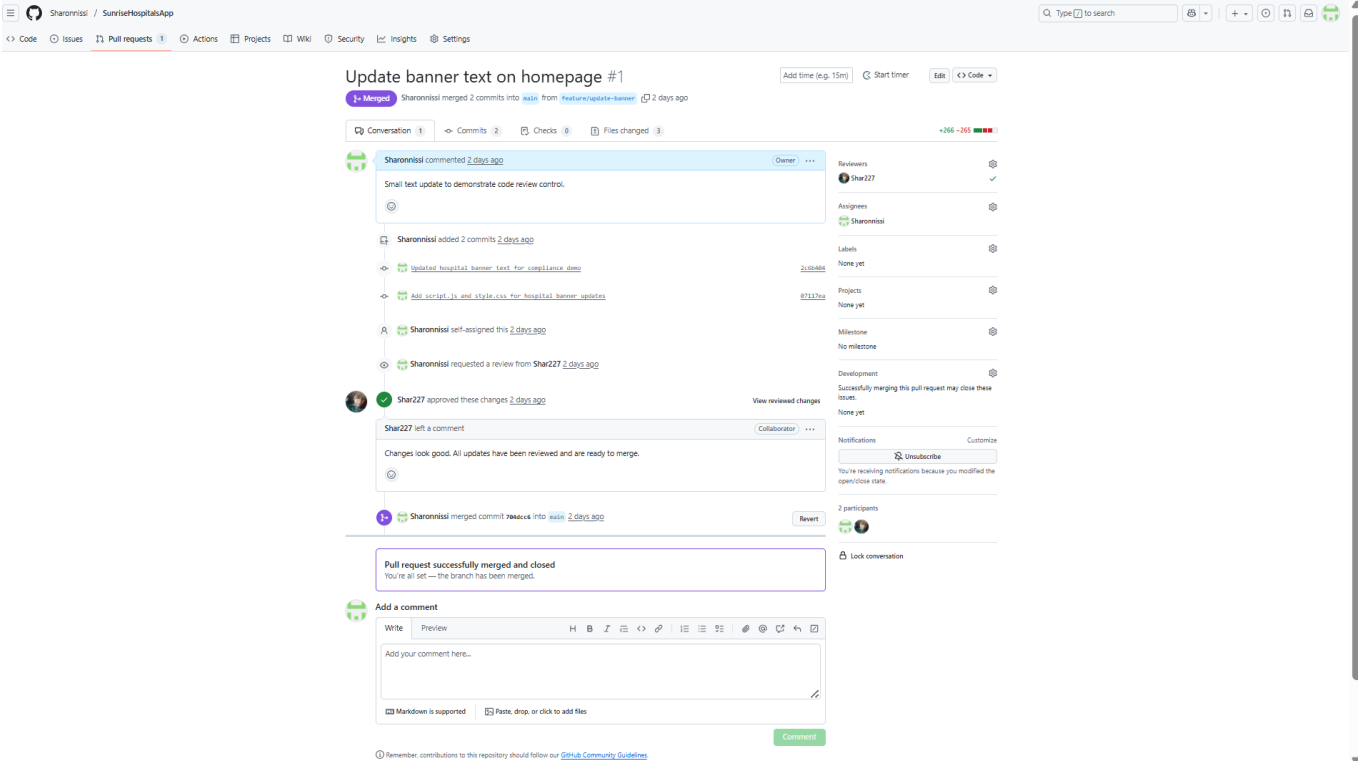
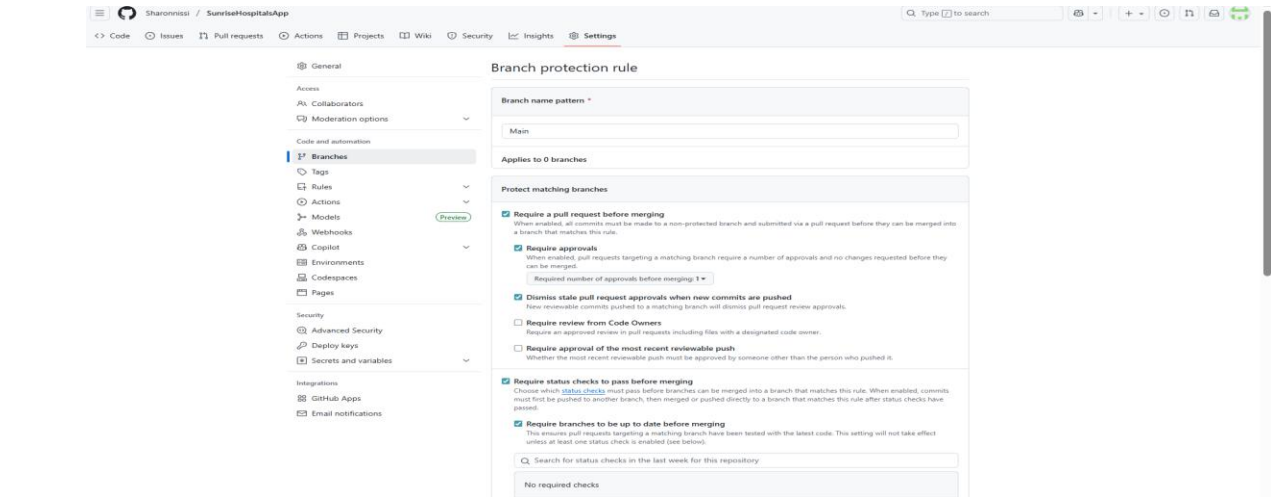
##### Change Control Process Flow:

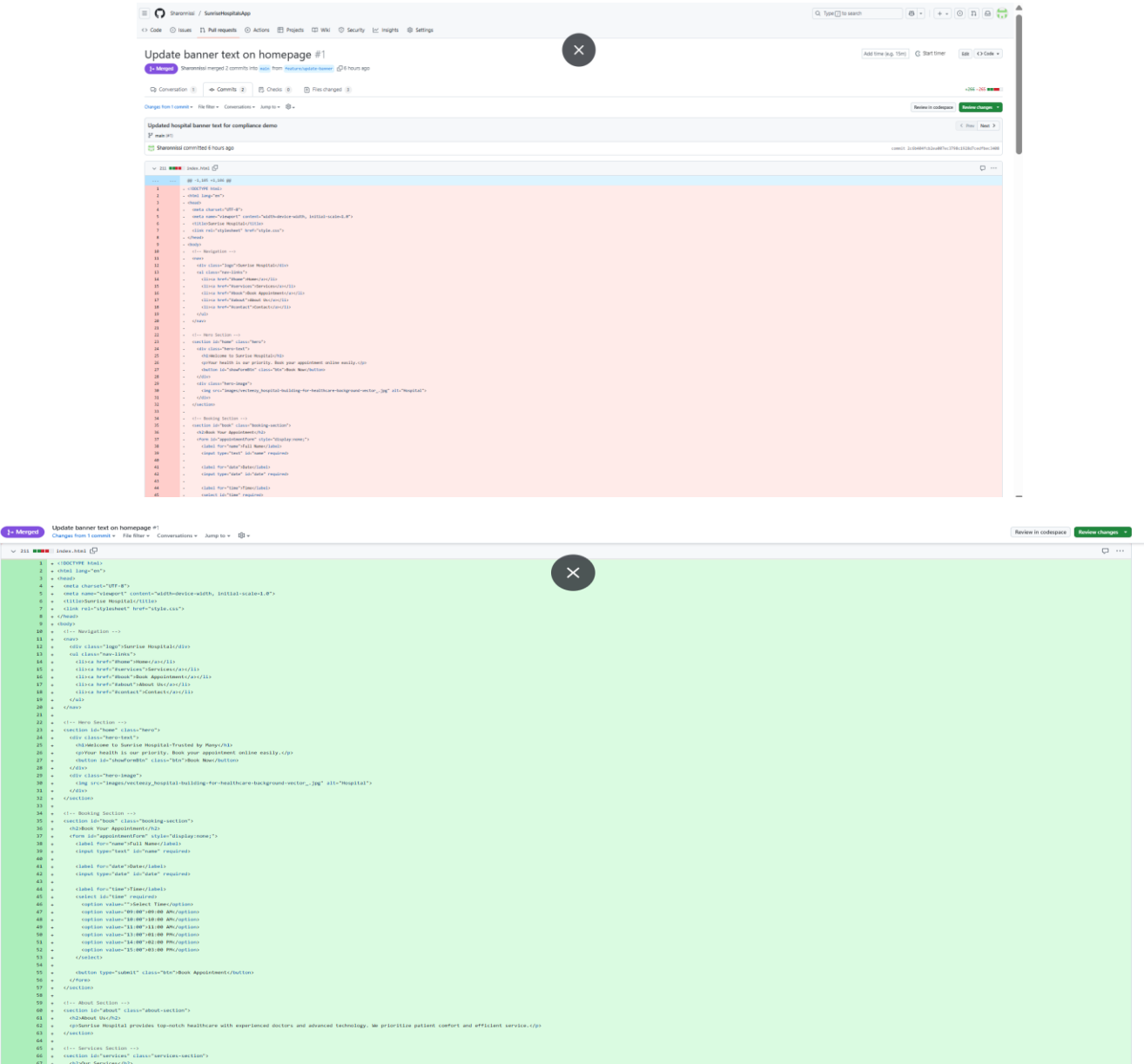
1. Developer creates feature branch from protected `main` branch
2. Code changes developed on isolated feature branch
3. Pull Request (PR) submitted targeting main branch
4. Mandatory peer review by designated approver
5. Changes merged only after approval received

##### Branch Protection Configuration:

- **Target Branch:** `main` (production)
- **Required Reviews:** Minimum 1 approver
- **Dismiss Stale Reviews:** Enabled (new commits require re-approval)
- **Status Checks Requirement:** Enabled
- **Restrict Push Access:** Only maintainers can approve
- **Direct Commits:** Blocked on main branch

# Evidence Screenshots





## Policy Alignment

This implementation satisfies the NIST CSF PR.IP-3 control requirement by establishing formal configuration change control processes that:

- Control unauthorized changes through branch protection
- Require approval before implementation via mandatory reviews
- Maintain documentation through automated GitHub audit logs
- Enable impact assessment during the review process
- Provide rollback capability through version control history

## Conclusion

The Sunrise Hospital Appointment Booking System successfully implements NIST CSF control PR.IP-3 through GitHub's technical controls, preventing unauthorized system changes and ensuring all modifications undergo proper review and approval processes. The implementation provides complete audit trails and maintains system integrity through enforced change management procedures.