

Objective: Build NCRP (cybercrime.gov.in) integration layer.

Tasks:

1. Create `backend/app/services/ncrp_adapter.py`
2. Implement REST call simulation with OAuth2 or MTLS placeholders.
3. Add retry/backoff logic, idempotency keys, response caching.
4. Generate mock API server in tests/mock_ncrp.py
5. Document payload structure & schema mapping.

Deliverables:

- backend/app/services/ncrp_adapter.py
- backend/tests/test_ncrp_mock.py
- docs/ncrp_integration_spec.md