# Policy and Procedure: Enterprise-Level Application (ELA) Development Framework

## 1. Purpose

This policy defines the standards, procedures, and governance framework for the development, documentation, and management of Enterprise-Level Applications (ELAs) using modern Integrated Development Environments (IDEs) integrated with ChatGPT's Codex and collaborative platforms such as Microsoft Teams and GitHub. It ensures consistency, traceability, automation, and compliance with enterprise standards for software development.

## 2. Scope

This policy applies to all ELA projects, development teams, IDEs, AI assistants, MS Teams, GitHub, and CI/CD platforms.

## 3. Governance & Ownership

Owner: CTO | Custodian: EAO | Oversight: IT Governance & PMO

## 4. Policy Overview

Every ELA project shall have a unique ID, MS Teams private channel, linked GitHub repository, and structured workspace folders for Definition, Execution, Coding, Testing, Deployment, Change Management, and Monitoring & Control.

## 5. Development Lifecycle

Includes phases: Defining Input (Purpose, Plan, Architecture), Execution (Infrastructure, Tech Stack, Testing), Coding Standards (Documentation, Change Management), CI/CD Pipeline (Automation), Project Monitoring (Resources, Performance Tracking).

## 6. Integration and Automation

ChatGPT Codex integrated IDEs, GitHub workflow linking, and MS Teams automation for updates.

## 7. Security & Compliance

Follow OWASP standards, RBAC controls, backup policy, and proprietary AI prompt management.

## 8. Documentation & Archival

Completed projects are archived with all source code, reports, and version tags.

## 9. Continuous Improvement

Annual review by EAO based on lessons learned and evolving technologies.

## Version Control

Version 1.0 | Date: 2025-10-21 | Description: Initial Release