

Project 2: Legacy Code Conversion to Newer Technologies Using Custom Gen AI

Overview:

Develop a Gen AI-based solution to modernize legacy systems by automatically converting legacy code into newer technologies. This project aims to streamline the migration of outdated codebases to modern platforms, ensuring functional equivalence and enhanced maintainability.

Problem Statement 1: Legacy Code Analysis

Objective:

Analyze legacy codebases to understand their functionality and architecture.

Tasks:

1. Accept codebase written in older languages.
2. Utilize Gen AI to identify key components and architectural patterns in the legacy code.
3. Automatically generate dependency and flow diagrams to provide better insight into the system's structure.

Deliverable:

A comprehensive report detailing the functionality, architecture, and dependencies of the legacy codebase.