

IT314 - Software Engineering

Prof : Saurabh Tiwari

Group 9 : Pull Panda

(AI-powered Pull Request Reviewer)

**Requirement Not
Completed**

Mutation Testing :

→ My mutation testing didn't complete because the project is highly modular and depends on several external libraries and APIs (like Git, LangChain, and scikit-learn). Mutation testing frameworks require a fully isolated and mock-ready environment, but these external-service functions weren't designed for unit-level mocking.

Because the codebase is large and integrates multiple external systems, the test suite requires proper mocks and dependency isolation before mutation tools can run — which is why mutation testing stopped during module import rather than during execution.

