Story 1: Generated business Scenarios from UI code

As an SE

I want the system to analyze Angular UI code and generate BDD test cases dynamically

So that I can automate UI testing without manually writing test scenarios

Acceptance Criteria:

The system can extract relevant UI elements and user flows from Angular code.

It generates BDD scenarios in Gherkin format based on identified workflows.

The generated scenarios are context-aware and adapt to UI changes

# Story 2: AI-Based Test Code Generation

As a SE

I want the AI system to convert BDD scenarios into Selenium test scripts

So that I can execute UI automation seamlessly

Acceptance Criteria:

The AI generates Selenium test scripts from BDD scenarios.

Scripts are optimized for UI locators and test assertions.

Test scripts can be executed with minimal manual modifications

# Story 3: - Self-Updating Test Cases Based on UI Changes

As a Engineer

I want the AI agent to update test cases dynamically when the UI changes

So that test maintenance efforts are reduced

Acceptance Criteria:

The system detects UI modifications (e.g., new elements, changed flows).

It updates existing test cases instead of requiring manual intervention.

It provides a changelog highlighting updated test cases.