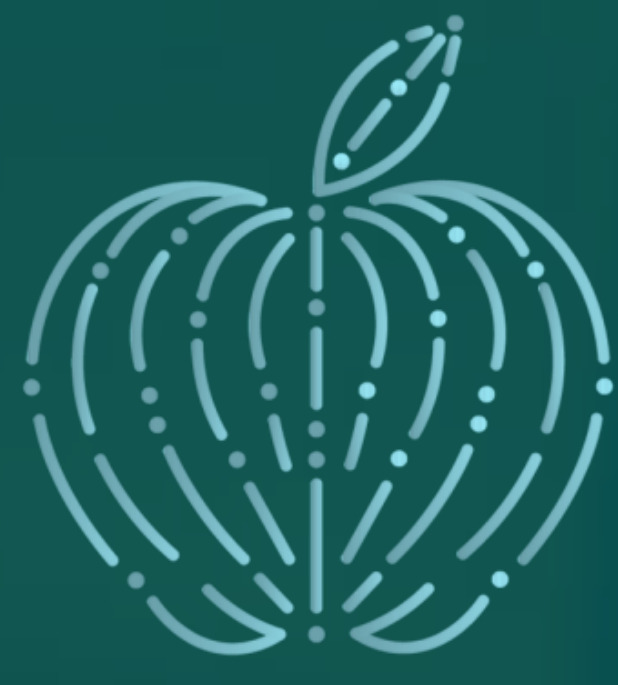


ENACTEST project

Industry –Academia Gap

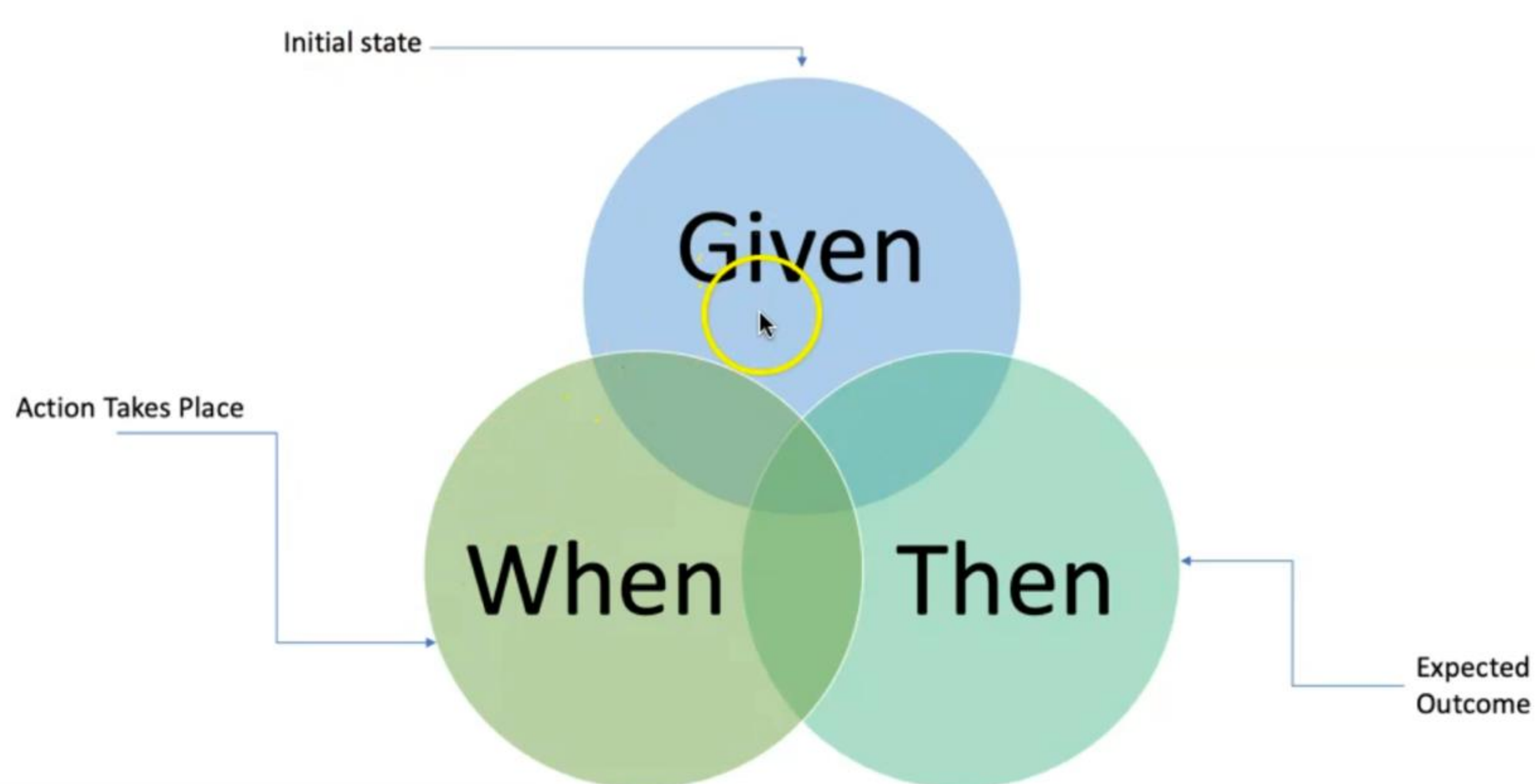
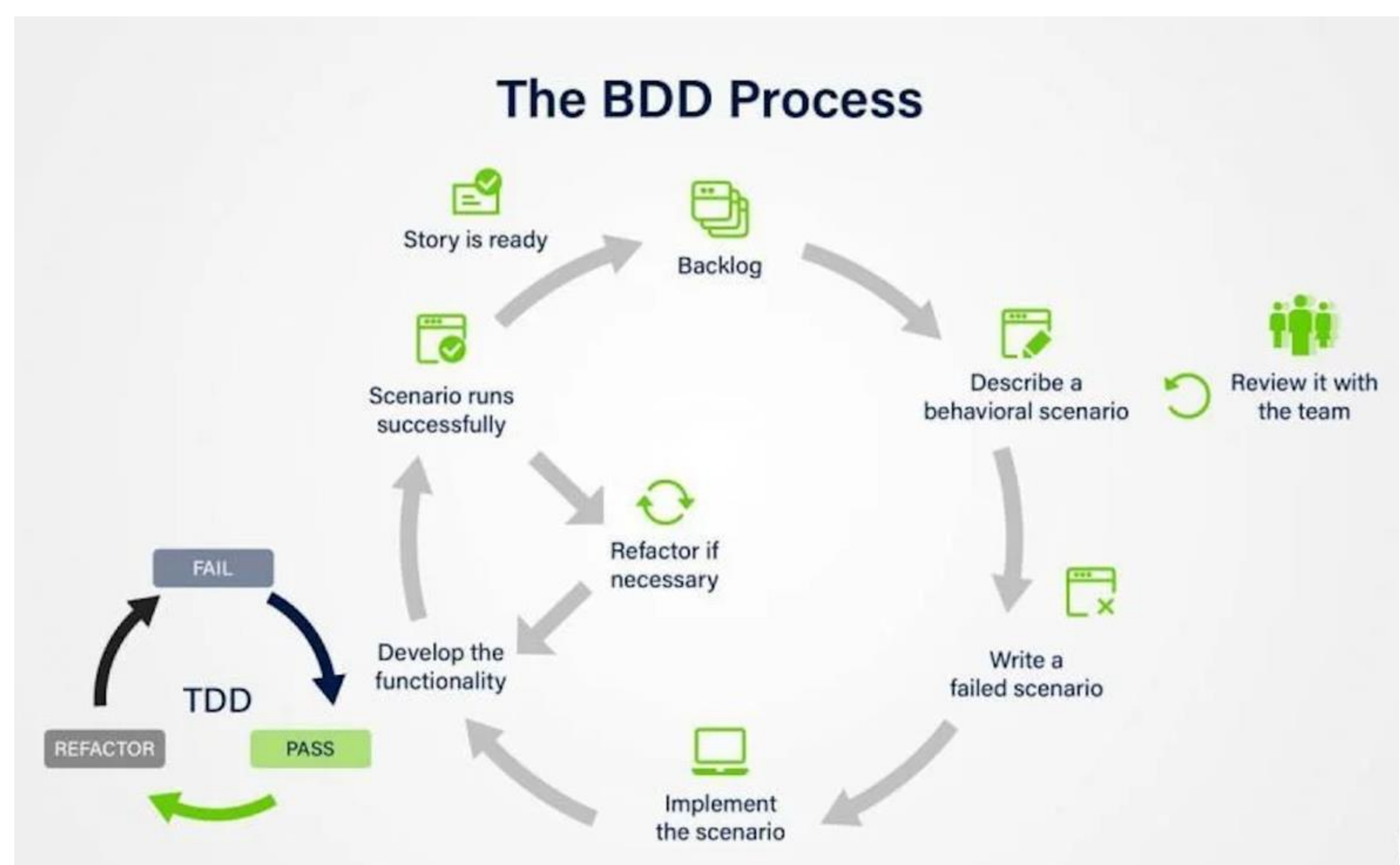


The ENACTEST project aims to create coherent and timely teaching materials for testing, taking into account both industry needs and students' cognitive models in order to improve students' learning performance while reducing industry's training needs for testing.

Graham Moran

Capsule: BDD

This capsule teaches how to use Behavior Driven Development (BDD) as a test-first software development method that concentrates on user requirements and expectations, facilitating collaboration among developers, testers, and product owners, focusing on automating acceptance tests. It is a learning capsule that helps students understand the basics of BDD and how to define acceptance tests that are then generated into automated tests, using the tool Cucumber.



Objectives of the capsule:

- ✓ Understand BDD, Acceptance Testing, Test-first Approach
- ✓ Apply the Gherkin syntax language to express acceptance tests
- ✓ Analyze Java test step definitions generated from feature files using Cucumber
- ✓ Apply BDD using a real-life example