# Karate API Test Project

This project is a Karate + JUnit5 based API automation framework for testing the GoRest API. It includes a JUnit test runner, feature files, and reporting.

## Project Structure

ready-karate-project/  
│  
├── pom.xml # Maven dependencies & build config  
├── src  
│ └── test  
│ ├── java  
│ │ └── com/example/tests  
│ │ └── TestRunner.java # JUnit 5 runner  
│ └── resources  
│ ├── karate-config.js # Global config (baseUrl + token)  
│ └── features  
│ └── users.feature # Sample API tests  
└── README.md

## Setup

1. Install Java 11+ and verify with: java -version

2. Install Maven 3.6+ and verify with: mvn -version

3. Clone or unzip this project into your workspace.

## Authentication

used a static GoRest API token (hardcoded in karate-config.js):  
  
config.accessToken = '622ca1120dd30fc6b34287bfc852e9d736de59a4a118b0981a6dd237628dd11a';

## Running Tests

Run all tests: mvn clean test

Run a specific feature (cmd):

mvn -X test -D"karate.options=classpath:features/users.feature"

Run by tag: mvn test -D"karate.options=--tags @create"

## Reports

After execution, Karate generates reports in:  
target/karate-reports/karate-summary.html  
target/surefire-reports/  
target/cucumber-html-reports/

## Sample Test

users.feature includes two example scenarios:  
1. Create a new employee entry with Name, Gender, Email and Status (active or inactive)  
2. Verify first user's status is active or inactive