

CEN3024C Module 8 Project

For this project we will automating the build and testing of the Pizza Restaurant application.

The Module 7 solution is included in the GitHub classroom repo, clone it and verify it builds and executes successfully and that all of the tests also execute successfully. Then create a GitHub Actions workflow file under .github/workflows that will perform the required actions.

Include a step that runs the tests when a new or modified Java file is pushed to the repo.

Submit your project and screensnips showing your results to the GitHub classroom repo. Include the status from the GitHub actions tab.

Here is a sample workflow file:

name: Build and Run Pizza Restaurant Application

on:

push:

paths:

- '**/*.java'

pull_request:

paths:

- '**/*.java'

jobs:

test:

runs-on: ubuntu-latest

steps:

- **uses: actions/checkout@v3**

- **name: Set up JDK 17**

uses: actions/setup-java@v3

with:

java-version: '17'

distribution: 'temurin'

- **name: Run Maven Tests**

run: mvn test

build-and-run:

needs: test

runs-on: ubuntu-latest

steps:

- **uses: actions/checkout@v3**

- **name: Set up JDK 17**

uses: actions/setup-java@v3

with:

java-version: '17'

distribution: 'temurin'

- name: Build with Maven
run: mvn clean package -DskipTests
- name: Run Spring Boot Application
run: java -jar target/*.jar &
timeout-minutes: 5
- name: Shutdown Spring Boot Application
run: kill \$!