

# Team Group-P8-07 CI Tasks

Continuous Integration (CI) is an essential practice in modern software development. It ensures that code changes integrated into a shared repository are automatically tested and validated. This document describes the CI process for Team Group-P8-07 and showcases multiple CI outcomes for reference.

## CI Configuration

The CI process is set up to run automatically on code pushes to the following branches:

- **main**
- **develop**
- **user-service**
- **product-service**
- **delivery-service**


The defined CI jobs and steps are:

### **build-frontend:**

- Runs on the latest version of Ubuntu.
- Checks out the code from the repository.
- Sets up the required Node.js version (20.x).
- Installs required frontend dependencies using **npm ci**.
- Runs the frontend tests.

**(PLEASE NOTE: We were advised to not test the frontend by our tutor, so, we only have a basic test that always checks that our App.js renders correctly without any errors)**

## CI Outcomes:

 CI fix for frontend Team Group-P8-07 CI tasks #23: Commit 78aaaae pushed by SakshamJain2552	develop	2 days ago 58s	...
 CI fix for frontend Team Group-P8-07 CI tasks #22: Commit 28226de pushed by SakshamJain2552	develop	2 days ago 45s	...
 frontend CI fix Team Group-P8-07 CI tasks #21: Commit 6631603 pushed by SakshamJain2552	develop	2 days ago 39s	...

## CI 1:



- **Status:** Failed
- **Reason:** Discrepancy between `package.json` and `package-lock.json` or `npm-shrinkwrap.json`.
- **Error Message:** npm ERR! npm ci can only install packages when your `package.json` and `package-lock.json` or `npm-shrinkwrap.json` are in sync. Please update your lock file with npm install before continuing.

## CI 2:

- **Status:** Failed
- **Reason:** Element with the text `/learn react/i` not found during test.
- **Error Message:** TestingLibraryElementError: Unable to find an element with the text: `/learn react/i`. This could be because the text is broken up by multiple elements. In this case, you can provide a function for your text matcher to make your matcher more flexible.

## CI 3:

- **Status:** Failed
- **Reason:** Test suite did not run because no tests were found.
- **Error Message:** FAIL src/App.test.js Test suite failed to run. Your test suite must contain at least one test.

 Added new CSS Styles to App.css Team Group-P8-07 CI tasks #25: Commit 597e2bb pushed by SakshamJain2552	develop	2 days ago 1m 4s	...
 Added test for App.js Team Group-P8-07 CI tasks #24: Commit d2ed02d pushed by SakshamJain2552	develop	2 days ago 45s	...

## CI 4 & 5:

- **Status:** Passed
- **Reason:** All the aforementioned errors were addressed and fixed. (Added a base test to check correct rendering of App.js)

 Integrated Navbar and Footer with Main Content Team Group-P8-07 CI tasks #30: Commit 861c330 pushed by Sakshamlain2552	develop	5 hours ago 50s	...
---	---------	--------------------	-----

## CI 6:

- **Status:** Failed
- **Reason:** Jest failed to parse an imported file.
- **Error Message:**



Jest failed to parse a file. SyntaxError: Cannot use import statement outside a module.

 Reinstalled package-lock.json Team Group-P8-07 CI tasks #44: Commit 4746c12 pushed by Sakshamlain2552	develop	4 hours ago 1m 16s	...
 Deleted package-lock.json Team Group-P8-07 CI tasks #43: Commit 37d4bda pushed by Sakshamlain2552	develop	4 hours ago 39s	...
 CI Fix Attempt Team Group-P8-07 CI tasks #42: Commit ffe1aef pushed by Sakshamlain2552	develop	4 hours ago 42s	...
 Attempted CI Fix for Jest: Axios Team Group-P8-07 CI tasks #41: Commit 4f6ad56 pushed by Sakshamlain2552	develop	4 hours ago 38s	...
 CI Frontend Fix (Jest: Axios) Team Group-P8-07 CI tasks #39: Commit 682e675 pushed by Sakshamlain2552	develop	4 hours ago 59s	...

## CI 7-14:

- **Status:** Failed
- **Reason:** Module missing in `display-products.js`.
- **Error Message:**

Cannot find module '../components/NavBar' from 'src/pages/display-products.js'

 Rename Footer.js to Footerjs Team Group-P8-07 CI tasks #47: Commit bad122b pushed by Sakshamlain2552	develop	4 hours ago 1m 15s	...
 Renamed components from Components Team Group-P8-07 CI tasks #46: Commit 8521334 pushed by Sakshamlain2552	develop	4 hours ago 59s	...
 Attempted CI Fix (remove sidebar import) Team Group-P8-07 CI tasks #45: Commit c277c7c pushed by Sakshamlain2552	develop	4 hours ago 51s	...

## CI 15:

- **Status:** Failed
- **Reason:** Similar error as CI 7; module missing in **display-products.js**.
- **Error Message:**

Cannot find module '../components/NavBar' from 'src/pages/display-products.js'

 <b>Rename NavBar.js to NavBarjs</b> Team Group-P8-07 CI tasks #48: Commit 3fa5e04 pushed by SakshamJain2552	<a href="#">develop</a>	 4 hours ago  1m 11s	...
--	-------------------------	---	-----

## CI 16:

- **Status:** Passed
- **Reason:** All the aforementioned errors were addressed and fixed. (Renamed Components to components)

 <b>Changed Image Directory</b> Team Group-P8-07 CI tasks #53: Commit 4b70017 pushed by SakshamJain2552	<a href="#">develop</a>	 2 hours ago  59s	...
 <b>ReportWebVitals Error Fix</b> Team Group-P8-07 CI tasks #52: Commit 3f781cc pushed by SakshamJain2552	<a href="#">develop</a>	 3 hours ago  56s	...
 <b>Merge branch 'sign-in-page' into develop</b> Team Group-P8-07 CI tasks #51: Commit 66299c2 pushed by SakshamJain2552	<a href="#">develop</a>	 3 hours ago  59s	...

## CI 17-19:

- **Status:** Failed
- **Reason:** Jest encountered an unexpected 'export' token.
- **Error Message:**

Jest failed to parse a file. SyntaxError: Unexpected token 'export'














































 <b>Fixed Incorrect Display of Products</b> Team Group-P8-07 CI tasks #55: Commit e69d003 pushed by SakshamJain2552	<a href="#">develop</a>	 2 hours ago  1m 13s	...
 <b>Removed Z-Index from the product display page</b> Team Group-P8-07 CI tasks #54: Commit 87048f1 pushed by SakshamJain2552	<a href="#">develop</a>	 2 hours ago  1m 0s	...

## CI 20:

- **Status:** Passed
- **Reason:** All the aforementioned errors were addressed and fixed. (Unused imports were removed)

## CI 21:

- **Status:** Passed

 Rename AllStores.js to AllStores.js Team Group-P8-07 CI tasks #72: Commit 9ecb058 pushed by SakshamJain2552	develop	 1 hour ago  1m 0s	...
 Rename LowestPrices.js to LowestPrices.js Team Group-P8-07 CI tasks #71: Commit e8ae63e pushed by SakshamJain2552	develop	 1 hour ago  54s	...
 Rename AllProducts.js to AllProducts.js Team Group-P8-07 CI tasks #70: Commit 21af0b5 pushed by SakshamJain2552	develop	 1 hour ago  1m 3s	...
 Rename ProfilePage.js to ProfilePage.js Team Group-P8-07 CI tasks #69: Commit 040c300 pushed by SakshamJain2552	develop	 2 hours ago  1m 2s	...
 Rename LikedProducts.js to LikedProducts.js Team Group-P8-07 CI tasks #68: Commit 46fb4ae pushed by SakshamJain2552	develop	 2 hours ago  1m 3s	...
 Rename HomePage.js to HomePage.js Team Group-P8-07 CI tasks #67: Commit 2eead10 pushed by SakshamJain2552	develop	 2 hours ago  1m 7s	...
 Rename CartPage.js to CartPage.js Team Group-P8-07 CI tasks #66: Commit 00066c1 pushed by SakshamJain2552	develop	 2 hours ago  1m 5s	...
 Rename AboutSaksham.js to AboutSaksham.js Team Group-P8-07 CI tasks #65: Commit 5ca72e5 pushed by SakshamJain2552	develop	 2 hours ago  1m 7s	...
 Rename AboutLawrence.js to AboutLawrence.js Team Group-P8-07 CI tasks #64: Commit 2c51ef3 pushed by SakshamJain2552	develop	 2 hours ago  56s	...
 Rename AboutLaura.js to AboutLaura.js Team Group-P8-07 CI tasks #63: Commit 69b5f2c pushed by SakshamJain2552	develop	 2 hours ago  55s	...
 Rename AboutLance.js to AboutLance.js Team Group-P8-07 CI tasks #62: Commit aa42d11 pushed by SakshamJain2552	develop	 2 hours ago  2m 50s	...
 Rename AboutHari.js to AboutHari.js Team Group-P8-07 CI tasks #61: Commit 4f67ba0 pushed by SakshamJain2552	develop	 2 hours ago  1m 21s	...
 Rename AboutDarby.js to AboutDarby.js Team Group-P8-07 CI tasks #60: Commit 936ac08 pushed by SakshamJain2552	develop	 2 hours ago  1m 13s	...
 Rename AccountNotifications.js to AccountNotifications.js Team Group-P8-07 CI tasks #59: Commit 9065345 pushed by SakshamJain2552	develop	 2 hours ago  1m 10s	...
 Rename AboutAccount.js to AboutAccount.js Team Group-P8-07 CI tasks #58: Commit 2e958c5 pushed by SakshamJain2552	develop	 2 hours ago  1m 5s	...

## CI 22-37:

- **Status:** Failed
- **Reason:** Module missing in **App.js**.
- **Error Message:**

Cannot find module './pages/StoresPages/CompareStores' from 'src/App.js'

 Final Rename to Fix CI Team Group-P8-07 CI tasks #73: Commit 1412dbf pushed by SakshamJain2552	develop	 1 hour ago  1m 1s	...
---	---------	---	-----

## CI 38:

- **Status:** Passed
- **Reason:** All the aforementioned errors were addressed and fixed (Renamed Pages to pages)

## **build-backend-product-service:**

- Runs on Ubuntu Latest
- Sets up temurin JDK 17
- Finds working directory Backend/ProductService
- Runs chmod +x mvnw
- Finds working directory Backend/ProductService
- Runs ./mvnw --batch-mode --update-snapshots package

## **CI Outcomes:**

### **CI 1:**

- **Status:** Failed
- **Reason:** Failure Test. The function for the test repository has not been made yet which caused an error during build.

### **CI 2:**

- **Status:** Failed
- **Reason:** Failure Test. Improvised the repository test but still have not made the function which is why it failed.

### **CI 3:**

- **Status:** Failed
- **Reason:** Failure Test. Improvised the repository test but still have not made the function which is why it failed.

### **CI 4:**

- **Status:** Failed
- **Reason:** Pass Test. Incorrect flyway settings used which caused an error in the CI

### **CI 5:**

- **Status:** Passed
- **Reason:** Pass Test. The repository tests passed

#### CI 6:

- **Status:** Failed
- **Reason:** Failure Test. The function for product service servicer test has not been made

#### CI 7:

- **Status:** Passed
- **Reason:** Pass Test. The servicer test passed

#### CI 8:

- **Status:** Failed
- **Reason:** Failure Test. The function for the Product Service controller has not been created so the tests fail

#### CI 9:

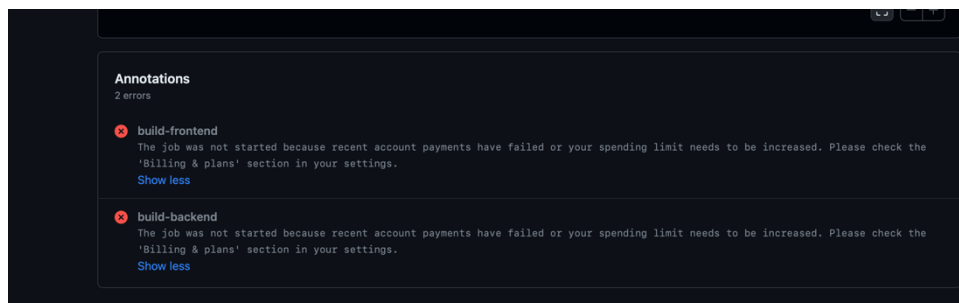
- **Status:** Passed
- **Reason:** Pass Test. The controller test passed

#### CI 10:

- **Status:** Passed
- **Reason:** Pass Test. Updated the repository class to provide the image path for each product

Screenshots:

#### Failed Results:



Team Group-P8-07 CI tasks

Failure Test: Improvised Unit Tests #13

Re-run jobs

Summary

Jobs

build-backend-delivery-service

build-backend-product-service

build-backend-user-service

build-frontend

Run details

Usage

Workflow file

Triggered via push 3 days ago

Krisanahari pushed → 516e25 product-service

Status

Failure

Total duration

47s

Artifacts

—

project-ci.yml

on: push

build-backend-delivery-ser... 21s

build-backend-product-ser... 27s

build-backend-user-service 37s

build-frontend 30s

Team Group-P8-07 CI tasks

Failure Test: Improvised Unit Tests #13

Re-run jobs

Summary

Jobs

build-backend-delivery-service

build-backend-product-service

build-backend-user-service

build-frontend

Run details

Usage

Workflow file

Triggered via push 3 days ago

Krisanahari pushed → 516e25 product-service

Status

Failure

Total duration

47s

Artifacts

—

project-ci.yml

on: push

build-backend-delivery-ser... 21s

build-backend-product-ser... 27s

build-backend-user-service 37s

build-frontend 30s

Annotations

1 error

build-backend-product-service

Team Group-P8-07 CI tasks

Failure Test: Product Servicer empty function #16

Re-run jobs

Summary

Jobs

build-backend-delivery-service

build-backend-product-service

build-backend-user-service

build-frontend

Run details

Usage

Workflow file

Triggered via push 3 days ago

Krisanahari pushed → b6032b3 product-service

Status

Failure

Total duration

49s

Artifacts

—

project-ci.yml

on: push

build-backend-delivery-ser... 22s

build-backend-product-ser... 25s

build-backend-user-service 26s

build-frontend 30s

Team Group-P8-07 CI tasks

Failure Test: Created tests and empty controller #18

Re-run jobs

Summary

Jobs

build-backend-delivery-service

build-backend-product-service

build-backend-user-service

build-frontend

Run details

Usage

Workflow file

Triggered via push 3 days ago

Krisanahari pushed → 8973ba product-service

Status

Failure

Total duration

44s

Artifacts

—

project-ci.yml

on: push

build-backend-delivery-ser... 30s

build-backend-product-ser... 23s

build-backend-user-service 29s

build-frontend 30s



Successful Results:

Team Group-P8-07 CI tasks

✓ Add CI tasks for Team Group-P8-07 #1

Re-run all jobsLatest #3...

Summary

Jobs

✓ build-backend

✓ build-frontend

Run details

Usage

Workflow file

Re-run triggered now

lawrd

↔ 127766a

develop

Status

Success

Total duration

43s

Artifacts

-

project-ci.yml

on: push

✓ build-backend

21s

✓ build-frontend

32s

Team Group-P8-07 CI tasks

✓ Pass Test: Attempting CI fix (works locally) #15

Re-run all jobs...

Summary

Jobs

✓ build-backend-delivery-service

✓ build-backend-product-service

✓ build-backend-user-service

✓ build-frontend

Run details

Usage

Workflow file

Triggered via push 3 days ago

Krisanahari pushed

↔ a4e880

product-service

Status

Success

Total duration

47s

Artifacts

-

project-ci.yml

on: push

✓ build-backend-delivery-ser...

22s

✓ build-backend-product-ser...

19s

✓ build-backend-user-service

23s

✓ build-frontend

25s

Team Group-P8-07 CI tasks

✓ Pass Test: Completed product controller #19

Re-run all jobs...

Summary

Jobs

✓ build-backend-delivery-service

✓ build-backend-product-service

✓ build-backend-user-service

✓ build-frontend

Run details

Usage

Workflow file

Triggered via push 3 days ago

Krisanahari pushed

↔ bcd842

product-service

Status

Success

Total duration

48s

Artifacts

-

project-ci.yml

on: push

✓ build-backend-delivery-ser...

23s

✓ build-backend-product-ser...

20s

✓ build-backend-user-service

23s

✓ build-frontend

30s

Team Group-P8-07 CI tasks

✓ Pass Test: Product servicer implemented #17

Re-run all jobs...

Summary

Jobs

✓ build-backend-delivery-service

✓ build-backend-product-service

✓ build-backend-user-service

✓ build-frontend

Run details

Usage

Workflow file

Triggered via push 3 days ago

Krisanahari pushed

↔ a3e955

product-service

Status

Success

Total duration

42s

Artifacts

-

project-ci.yml

on: push

✓ build-backend-delivery-ser...

23s

✓ build-backend-product-ser...

24s

✓ build-backend-user-service

19s

✓ build-frontend

21s

← Team Group-P8-07 CI tasks

Added image path to get products #28

Re-run all jobs

...

Summary

Jobs

build-backend-delivery-service

build-backend-product-service

build-backend-user-service

build-frontend

Run details

Usage

Workflow file

Triggered via push yesterday

Krisanahari pushed → 52131c9 product:service

Status

Success

Total duration

1m 5s

Artifacts

—

project-ci.yml

on: push

build-backend-delivery-ser... 29s

build-backend-product-ser... 19s

build-backend-user-service 22s

build-frontend 39s

← Team Group-P8-07 CI tasks

Merge pull request #39 from cosc2299-sept-2023/user-service #32

Re-run all jobs

...

Summary

Jobs

build-backend-deliv...

build-backend-prod...

build-backend-user-...

build-frontend

Run details

Usage

Workflow file

Triggered via push 6 hours ago

labeleenn pushed → c9054f5 develop

Status

Success

Total duration

44s

Artifacts

—

project-ci.yml

on: push

build-backend-delivery-ser... 19s

build-backend-product-ser... 32s

build-backend-user-service 24s

build-frontend 34s