

# Test Report

93%

Total Coverage

Run ID: example-run-2024-09-12 • Generated: 2024-09-12 14:27:19 • Duration: 8.42s

6

TOTAL TESTS

1

PASSED

1

FAILED

1

SKIPPED

1

XFAILED

1

XPASSED

1

ERRORS

Search tests...

 PASSED FAILED SKIPPED XFAILED XPASSED ERROR

PASSED

tests/api/test\_users.py::test\_create\_user\_round\_trip

0.42s  2

## AI ASSESSMENT

**Scenario:** Creating a new user returns an ID and persists the record.

**Why Needed:** Ensures the API workflow maintains data integrity during onboarding.

### Key assertions:

- API response includes a non-null user ID.
- Stored profile fields match the request payload.
- Repository returns the newly created user on lookup.

## COVERAGE

src/app/users/service.py

18 lines (ranges: 12-22, 30-37)

src/app/users/repository.py

9 lines (ranges: 5-9, 15-18)

FAILED

tests/api/test\_users.py::test\_email\_must\_be\_unique

0.31s  1

## ERROR

```
AssertionError: expected unique constraint error
```

```
E    assert 'unique constraint' in "duplicate key value violates unique constraint"
```

```
\\"users_email_key\""
```

## AI ASSESSMENT

**Scenario:** Creating a user with a duplicate email should fail with a uniqueness error.

**Why Needed:** Prevents data integrity issues and enforces account identity constraints.

### Key assertions:

- Repository insert raises a constraint violation.
- Error message references the email uniqueness key.
- No duplicate record is persisted.

## COVERAGE

src/app/users/repository.py

11 lines (ranges: 22-32)

SKIPPED

tests/api/test\_billing.py::test\_invoices\_require\_feature\_flag

0.01s

## ERROR

Skipped: billing API not enabled in staging

## AI ASSESSMENT

**Scenario:** Invoice generation requires a feature flag before enabling billing flows.

**Why Needed:** Ensures billing code paths remain gated until rollout is complete.

### Key assertions:

- Test is skipped when the billing flag is disabled.
- Skip reason references the staging configuration.
- No billing API calls are executed.

XFAILED

tests/ui/test\_reports.py::test\_pdf\_export\_has\_footer

1.04s  2

## ERROR

XFailed: Known issue with headless chromium rendering in CI

## AI ASSESSMENT

**Scenario:** PDF exports should render a footer when using the report generator.

**Why Needed:** Keeps regression coverage on PDF layout even while CI rendering is flaky.

#### Key assertions:

- Rendered PDF contains the expected footer string.
- Footer is positioned at the bottom of the page.
- Failure is expected until CI rendering stabilizes.

#### COVERAGE

src/app/reports/pdf.py	14 lines (ranges: 44-57)
src/app/reports/templates.py	6 lines (ranges: 10-15)

XPASSED tests/api/test\_auth.py::test\_refresh\_token\_legacy\_format 0.18s 

#### AI ASSESSMENT

**Scenario:** Legacy refresh tokens still renew sessions despite format differences.

**Why Needed:** Protects compatibility for long-lived tokens during migration.

#### Key assertions:

- Legacy token parses without errors.
- Refresh returns a valid access token.
- Token expiry metadata is preserved.

#### COVERAGE

src/app/auth/tokens.py	7 lines (ranges: 88-94)
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ERROR tests/workflows/test\_notifications.py::test\_sends\_digest\_email 0.09s

#### ERROR

```
E RuntimeError: SMTP credentials missing
E Aborting notification workflow
```

#### AI ASSESSMENT

**Scenario:** Digest email workflow requires SMTP credentials to send notifications.

**Why Needed:** Ensures missing credentials fail fast with a clear error.

#### Key assertions:

- Workflow checks for SMTP credentials at startup.

- Missing credentials raise a runtime error.
- No outbound email is attempted.

## Source Coverage

FILE	STMTS	MISS	COVER	%	COVERED LINES	MISSED LINES
src/app/users/service.py	58	6	52	89.66%	12-22, 30-41, 50-63	23-25, 42-43
src/app/users/repository.py	40	10	30	75.0%	5-18, 22-32	33-42
src/app/reports/pdf.py	28	8	20	71.43%	44-57, 60-65	66-73