

Testing Backend Logic using Jest Framework

```
ashanwickramanayaka@Ashans-MacBook server % cd "/Users/ashanwickramanayaka/Documents/latest update web project/Lanka-Basket-Website/server"
&& npm run test:coverage

> server@1.0.0 test:coverage
> NODE_ENV=test jest --coverage

FAIL tests/middleware/auth.test.js
  ● Console

    console.log
      Test environment setup complete

    at Object.log (tests/setup.js:14:9)

  ● Auth Middleware > Edge cases > should handle undefined cookies object

    expect(jest.fn()).toHaveBeenCalledWith(...expected)

    Expected: "valid-token", "test-access-token-secret"

    Number of calls: 0

    177 |         await auth(req, res, next);
    178 |
    > 179 |         expect(jwt.verify).toHaveBeenCalledWith('valid-token', process.env.SECRET_KEY_ACCESS_TOKEN);
        |                                     ^
    180 |         expect(req.userId).toBe('user999');
    181 |         expect(next).toHaveBeenCalled();
    182 |     });

    at Object.toHaveBeenCalledWith (tests/middleware/auth.test.js:179:26)

PASS tests/utils/generated0tp.test.js
  ● Console

    console.log
      Test environment setup complete

    at Object.log (tests/setup.js:14:9)

PASS tests/middleware/admin.test.js
  ● Console

    console.log
      Test environment setup complete

    at Object.log (tests/setup.js:14:9)

PASS tests/api/user.api.test.js
  ● Console

    console.log
      Test environment setup complete

    at Object.log (tests/setup.js:14:9)
```

PASS tests/utils/passwordValidation.test.js

● Console

console.log

Test environment setup complete

at Object.log (tests/setup.js:14:9)

PASS tests/utils/generatedAccessToken.test.js

● Console

console.log

Test environment setup complete

at Object.log (tests/setup.js:14:9)

File	% Stmts	% Branch	% Funcs	% Lines	Uncovered Line #s
All files	7.76	7.66	8.77	7.76	
controllers	0	0	0	0	
address.controller.js	0	0	0	0	4-108
cart.controller.js	0	0	0	0	4-138
category.controller.js	0	0	0	0	5-127
order.controller.js	0	0	0	0	8-202
product.controller.js	0	0	0	0	3-305
subCategory.controller.js	0	0	0	0	3-107
uploadImage.controller.js	0	0	0	0	3-16
user.controller.js	0	0	0	0	15-696
middleware	90.47	100	100	90.47	
Admin.js	100	100	100	100	
auth.js	100	100	100	100	
multer.js	0	100	100	0	3-5
utils	48.78	75	30	48.78	
forgotPasswordTemplate.js	0	100	0	0	1-2
generateVerificationToken.js	0	100	0	0	3-4
generatedAccessToken.js	100	100	100	100	
generatedOtp.js	100	100	100	100	
generatedRefreshToken.js	0	100	0	0	4-17
passwordValidation.js	100	100	100	100	
uploadImageClodinary.js	0	0	0	0	3-30
verifyEmailTemplate.js	0	100	0	0	1-2

Test Suites: 1 failed, 5 passed, 6 total

Tests: 1 failed, 70 passed, 71 total

Snapshots: 0 total

Time: 1.257 s

Ran all test suites.

o ashanwickramanayaka@Ashans-MacBook server %