

# Logs of tests:

## Front end:

PASS src/components/LoadingSpinner/LoadingSpinner.test.tsx

LoadingSpinner

- ✓ T4.8 renders the HashLoader with correct props when loading is true (32 ms)
- ✓ T4.9 does not render the HashLoader when loading is false (19 ms)

PASS src/shared/hooks/useGetPredictedDataList.test.ts

useGetPredictedDataList

- ✓ T4.25 should get predicted files successfully (40 ms)
- ✓ T4.26 should handle getPredictedFiles when it errors (8 ms)

PASS src/shared/hooks/useDownload.test.ts

useDownload

- ✓ T4.3 should download a file from the database (69 ms)
- ✓ T4.4 should handle download when it errors (12 ms)

PASS src/App.test.tsx

- ✓ TID 1.4. renders all links (80 ms)

PASS src/pages/LogoutPage/Logout.test.tsx

Logout

- ✓ T.14 should call handleLogout on render (26 ms)
- ✓ T4.15 should navigate to home page after logout (71 ms)
- ✓ T4.16 should display loading state (21 ms)
- ✓ T4.17 should display error state (4 ms)

PASS src/pages/LoginPage/LoginPage.test.tsx

LoginPage component

PASS src/pages/LoginPage/LoginPage.test.tsx

LoginPage component

- ✓ T4.11 renders login form with initial state (119 ms)
- ✓ T4.12 allows user to type in username and password fields (42 ms)
- ✓ T4.13 test that button submits form with username and password on click (38 ms)
- ✓ T4.13 test that the rotator buttons change the text on the screen (43 ms)

PASS src/pages/SignUpPage/SignUpPage.test.tsx

SignUpPage component

- ✓ T4.18 renders sign up form with initial state (127 ms)

- ✓ T4.19 allows user to type in first name, last name, username and password fields (65 ms)
- ✓ T4.20 test that button submits form with first name, last name, username and password on click (63 ms)
- ✓ T4.21 test that form is not submitted if privacy policy is not agreed to (48 ms)
- ✓ T4.22 test that form info is not submitted if passwords don't match (48 ms)
- ✓ T4.23 test that form does not work if an element is missing (51 ms)
- ✓ T4.24 test that the rotator buttons change the text on the screen (47 ms)

PASS src/pages/LogoutPage/Logout.test.tsx

Logout

- ✓ T.14 should call handleLogout on render (24 ms)
- ✓ T4.15 should navigate to home page after logout (66 ms)
- ✓ T4.16 should display loading state (22 ms)
- ✓ T4.17 should display error state (5 ms)

PASS src/App.test.tsx

- ✓ TID 1.4. renders all links (57 ms)

PASS src/pages/FileUploadPage/FileUploadPage.test.tsx

- ✓ TID 1.1. Renders FileUploadPage components (84 ms)

PASS src/shared/hooks/useDownload.test.ts

useDownload

- ✓ T4.3 should download a file from the database (92 ms)
- ✓ T4.4 should handle download when it errors (10 ms)

PASS src/shared/hooks/useGetPredictedDataList.test.ts

useGetPredictedDataList

- ✓ T4.25 should get predicted files successfully (34 ms)
- ✓ T4.26 should handle getPredictedFiles when it errors (5 ms)

PASS src/pages/HomePage/HomePage.test.tsx (5.058 s)

- ✓ TID 1.2. Render Home Page components (174 ms)

PASS src/pages/PredictedDataPage/PredictedDataPage.test.tsx (5.06 s)

- ✓ Renders PredictedDataPage components (205 ms)

PASS src/pages/FileUploadPage/components/FileDropzoneControls.test.tsx (5.152 s)

- ✓ Renders FileDropzoneControls components (160 ms)
- ✓ TID 1.7. Should be able to click Fitbit or Apple Watch radio (276 ms)

PASS src/pages/FileUploadPage/components/FileDropzone.test.tsx (5.57 s)

- ✓ TID 1.6. Renders FileDropzone components (77 ms)
- ✓ invoke onDragEnter when dragenter event occurs (356 ms)

PASS src/components/LoadingSpinner/LoadingSpinner.test.tsx  
LoadingSpinner

- ✓ T4.8 renders the HashLoader with correct props when loading is true (30 ms)
- ✓ T4.9 does not render the HashLoader when loading is false (5 ms)

PASS src/shared/hooks/useGetProcessedDataList.test.ts  
useListGetProcessedFiles

- ✓ should get processed files successfully (39 ms)
- ✓ should handle getProcessedFiles when it errors (6 ms)

PASS src/pages/ProcessDataPage/ProcessedDataPage.test.tsx (5.867 s)  
Processed Data Page

- ✓ T3.16 Should properly display the processed data page (854 ms)

PASS src/shared/hooks/useIsUserLoggedIn.test.ts  
useIsUserLoggedIn

- ✓ T3.8 returns false and clears storage and cookie when expiresAt is in the past (53 ms)
- ✓ T3.9 returns true when user is logged in and expiresAt is in the future (3 ms)

PASS src/components/HelpPopup/HelpPopup.test.tsx  
✓ TID 3.1. Renders HelpPopup component (301 ms)

PASS src/shared/hooks/usePredictFile.test.ts  
usePredictFile

- ✓ should handle predict successfully (77 ms)
- ✓ should handle predict when it errors (9 ms)

PASS src/shared/hooks/useGetUploadedFiles.test.ts  
useGetUploadedFiles

- ✓ T3.19 should get uploaded files successfully (34 ms)
- ✓ T3.20 should handle getUploadedFiles when it errors (66 ms)

PASS src/shared/hooks/useLogin.test.ts  
useLogin

- ✓ T3.10 should handle login successfully (67 ms)
- ✓ T3.10 should handle login when it errors (5 ms)

PASS src/components/Navbar/Navbar.test.tsx

- ✓ renders all links when user is authenticated (44 ms)
- ✓ does not render when user is not authenticated (4 ms)

PASS src/shared/hooks/useDeleteFile.test.ts

useDeleteFile

✓ T3.17 should handle delete successfully (52 ms)

✓ T3.18 should handle delete when it errors (6 ms)

PASS src/shared/hooks/useUpload.test.ts

useUpload

✓ should handle uploads successfully (53 ms)

✓ should handle errors (5 ms)

PASS src/shared/api/Api.test.tsx

API Tests

✓ T3.2 Login: should return mapped data upon successful login (7 ms)

✓ T3.3 Login: should throw an error upon failed login (12 ms)

✓ T3.4 Logout: should logout successfully (1 ms)

✓ T3.5 Logout: should throw an error if fails (1 ms)

✓ T3.6 should sign up successfully (1 ms)

✓ T3.7 should throw an error if sign up fails (1 ms)

PASS src/shared/hooks/useLogout.test.ts

useLogout

✓ T3.12 should handle logout successfully (30 ms)

✓ T3.13 should handle logout when it errors (4 ms)

PASS src/shared/hooks/useSignup.test.ts

useSignup

✓ T3.14 should handle signup successfully (42 ms)

✓ T3.15 should handle signup when it errors (4 ms)

Test Suites: 25 passed, 25 total

Tests: 57 passed, 57 total

Snapshots: 0 total

Time: 8.682 s

## Backend:

Console output:

2024-03-16 15:58:41 INFO AccessGroupService:90 - in AccessGroupService: get

2024-03-16 15:58:41 INFO AccessGroupService:50 - in AccessGroupService: list

2024-03-16 15:58:41 INFO AccessGroupService:63 - in AccessGroupService: save

2024-03-16 15:58:41 INFO AccessGroupService:50 - in AccessGroupService: list

2024-03-16 15:58:41 INFO AccessGroupService:90 - in AccessGroupService: get

2024-03-16 15:58:41 INFO AccessGroupService:106 - in AccessGroupService: delete

2024-03-16 15:58:41 INFO AccessGroupService:76 - in AccessGroupService: Update

2024-03-16 15:58:42 INFO LoginUserService:81 - in IncorrectLoginsService: get

2024-03-16 15:58:42 INFO LoginUserService:110 - in IncorrectLoginsService: getByUSerId

2024-03-16 15:58:42 INFO LoginUserService:42 - in IncorrectLoginsService: list

2024-03-16 15:58:42 INFO LoginUserService:54 - in IncorrectLoginsService: save

2024-03-16 15:58:42 INFO LoginUserService:42 - in IncorrectLoginsService: list

2024-03-16 15:58:42 INFO LoginUserService:81 - in IncorrectLoginsService: get

2024-03-16 15:58:42 INFO LoginUserService:97 - in IncorrectLoginsService: delete

2024-03-16 15:58:42 INFO LoginUserService:67 - in IncorrectLoginsService: Update

2024-03-16 15:58:42 INFO LoginUserService:110 - in IncorrectLoginsService: getByUSerId

2024-03-16 15:58:42 INFO LoginUserService:92 - in LoginUserService: get

2024-03-16 15:58:42 INFO LoginUserService:52 - in LoginUserService: list

2024-03-16 15:58:42 INFO LoginUserService:65 - in LoginUserService: save

2024-03-16 15:58:42 INFO LoginUserService:52 - in LoginUserService: list

2024-03-16 15:58:42 INFO LoginUserService:92 - in LoginUserService: get

2024-03-16 15:58:42 INFO LoginUserService:108 - in LoginUserService: delete

2024-03-16 15:58:42 INFO LoginUserService:78 - in LoginUserService: Update

2024-03-16 15:58:42 INFO UserService:148 - in UserService: login

2024-03-16 15:58:42 INFO UserService:289 - in UserService: loadUserByUsername

2024-03-16 15:58:42 INFO UserService:117 - in UserService: get

2024-03-16 15:58:42 INFO UserService:148 - in UserService: login

2024-03-16 15:58:42 INFO UserService:269 - in UserService: getUserByUsername

2024-03-16 15:58:42 INFO UserService:63 - in UserService: save

2024-03-16 15:58:42 INFO UserService:148 - in UserService: login

2024-03-16 15:58:42 INFO UserService:269 - in UserService: getUserByUsername

2024-03-16 15:58:42 INFO UserService:315 - in UserService: loadUserDetails

2024-03-16 15:58:42 INFO UserService:52 - in UserService: list

2024-03-16 15:58:42 INFO UserService:63 - in UserService: save

2024-03-16 15:58:42 INFO UserService:148 - in UserService: login

2024-03-16 15:58:42 INFO UserService:269 - in UserService: getUserByUsername

2024-03-16 15:58:42 INFO UserService:148 - in UserService: login

2024-03-16 15:58:42 INFO UserService:315 - in UserService: loadUserDetails

2024-03-16 15:58:42 INFO UserService:315 - in UserService: loadUserDetails

2024-03-16 15:58:42 INFO UserService:52 - in UserService: list

2024-03-16 15:58:42 INFO UserService:117 - in UserService: get

2024-03-16 15:58:42 INFO UserService:289 - in UserService: loadUserByUsername

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2024-03-16 15:58:42 INFO UserService:269 - in UserService: getUserByUsername
2024-03-16 15:58:42 INFO UserService:148 - in UserService: login
2024-03-16 15:58:42 INFO UserService:269 - in UserService: getUserByUsername
2024-03-16 15:58:42 INFO UserService:148 - in UserService: login
2024-03-16 15:58:42 INFO UserService:315 - in UserService: loadUserDetails
2024-03-16 15:58:42 INFO UserService:132 - in UserService: delete
2024-03-16 15:58:42 INFO UserService:148 - in UserService: login
2024-03-16 15:58:42 INFO UserService:269 - in UserService: getUserByUsername
2024-03-16 15:58:42 INFO UserService:104 - in UserService: Update
2024-03-16 15:58:42 INFO UserService:269 - in UserService: getUserByUsername

```

## ScreenShots with tests:

AccessGroupServiceTest	40 ms
testGet	25 ms
testList	2 ms
testSave	5 ms
testListEmpty	0 ms
testGetNull	0 ms
testDelete	6 ms
testUpdate	2 ms
IncorrectLoginsServiceTest	62 ms
testGet	56 ms
testGetByUserId	1 ms
testList	1 ms
testSave	1 ms
testListEmpty	0 ms
testGetNull	0 ms
testDelete	1 ms
testUpdate	1 ms
testGetByUserIdNull	1 ms
LoginUserTest	8 ms
testGet	2 ms
testList	1 ms
testSave	1 ms
testListEmpty	1 ms
testGetNull	2 ms
testDelete	1 ms
testUpdate	0 ms
testUpdate	1 ms
LoginUserTest	8 ms
testGet	2 ms
testList	1 ms
testSave	1 ms
testListEmpty	2 ms
testGetNull	2 ms
testDelete	1 ms
testUpdate	0 ms
testUpdate	1 ms
UserServiceTest	39 ms
testValidLoginLocked	6 ms
testLoadUserByUsername	6 ms
testGet	1 ms
testInvalidLoginLocked	1 ms
testSaveUserAlreadyExists	1 ms
testInvalidLoginUnlock	4 ms
testList	2 ms
testSave	1 ms
testInvalidLoginFirstTime	2 ms
testValidLogin	2 ms
testLoadUserDetails	1 ms
testListEmpty	0 ms
testGetNull	0 ms
testLoadUserByUsernameNull	1 ms
testGetUserByUsername	1 ms
testInvalidUsernameAndPasswordLogin	2 ms
testValidLoginWithUnlock	2 ms
testDelete	2 ms
testInvalidLogin	2 ms
testUpdate	1 ms
testGetUserByUsernameNull	1 ms

**Front end Code Coverage:**



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## Frontend Code Coverage Report

St. ?	Category	Percentage	Covered / Total
●	Statements	76.8% (-23.2% ▼)	437/569
●	Branches	57.72% (-42.28% ▼)	86/149
●	Functions	78.1% (-21.9% ▼)	107/137
●	Lines	77.44% (-22.56% ▼)	436/563

▼ Show new covered files 🌟

St. ?	File	Statements	Branches	Functions	Lines
●	... / baseapi.ts	100%	75%	100%	100%
●	shared/api/Api.ts	100%	50%	100%	100%
●	... / index.ts	100%	100%	100%	100%
●	... / useLogin.ts	100%	100%	100%	100%
●	... / LoginPage.tsx	74.42%	70%	58.33%	74.42%
●	... / useSignup.ts	100%	100%	100%	100%
●	... / SignUpPage.tsx	80.3%	69.23%	68.75%	80.3%
●	... / useIsUserLoggedIn.ts	100%	100%	100%	100%
●	... / useAuth.tsx	90%	50%	100%	88.89%
●	... / HelpPopup.tsx	85.71%	56.25%	100%	85.71%
●	... / useDownload.ts	45.16%	100%	60%	48.28%
●	... / ProtectedRoute.tsx	100%	100%	100%	100%
●	... / useGetProcessedDataList.ts	100%	100%	100%	100%
●	... / usePredictFile.ts	100%	100%	100%	100%
●	... / ProcessedDataPage.tsx	64.71%	36.84%	75%	64.71%
●	... / useUpload.ts	100%	100%	100%	100%
●	... / FileDropzone.tsx	56.63%	33.33%	66.67%	58.02%
●	... / useGetPredictedDataList.ts	100%	100%	100%	100%
●	... / useLogout.ts	100%	100%	100%	100%
●	... / LoadingSpinner.css	100%	100%	100%	100%
●	... / LoadingSpinner.tsx	100%	100%	100%	100%
●	... / Logout.tsx	100%	100%	100%	100%
●	... / useGetUploadedFiles.ts	90.91%	100%	83.33%	90.91%
●	styles/navbar.css	100%	100%	100%	100%
●	... / Navbar.tsx	100%	100%	100%	100%
●	... / useDeleteFile.ts	100%	100%	100%	100%
●	... / FileDropzoneControls.tsx	100%	100%	100%	100%
●	... / PredictedDataPage.tsx	50%	35.71%	16.67%	51.72%
●	... / FileUploadPage.tsx	100%	100%	100%	100%
●	... / HomePage.tsx	100%	100%	100%	100%
●	... / GoogleLogin.tsx	0%	0%	0%	0%


## Test suite run success

73 tests passing in 28 suites.

Report generated by [jest coverage report action](#) from [af46847](#)



## Backend Code coverage:

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### Backend Code Coverage Report

Overall Project	9.24% <small>-0.7%</small>	✖
Files changed	44.35%	✖

File	Coverage	
<a href="#">IncorrectLoginsService.java</a>	100%	🟢
<a href="#">Util.java</a>	100%	🟢
<a href="#">UserService.java</a>	93.49%	🟢
<a href="#">HomeController.java</a>	0% <small>-38.89%</small>	✖
<a href="#">UserController.java</a>	0%	🟢
<a href="#">LoginUserController.java</a>	0% <small>-10.15%</small>	✖

😊