

Technical Debt

In total our project now has 3d and 6 hours worth of technical debt. So we have exactly 2 days worth more of technical debt than we did at the first metric posting. I think that while this is certainly not a good thing, our code has grown more than 3 times what we had before so to have less than three times as much code debt is a step in the right direction. The code debt is also much more spread out than last time. Last metric posting we had one file with a little over 5 hours worth of debt that was dragging us down, but after countless refactoring now we don't have any file with over 3 hours worth of debt in it. So it is an improvement slightly as we are now separating things and not just having all the logic in one file.

It is also worth noting that almost all of the tech debt comes from the backend with very little amounts of it on the front end. The largest file worth of tech debt is 2h 48 minutes for the backend and a measly 32 minutes on the front end. I'm not quite sure what causes this huge disparity, but I'm hoping its the amount of logic in the backend compared to the front end, although I'm not sure that is accurate. I think SonarQube will be very helpful at the beginning of next quarter when we do the first sprint of cleaning up our code because this will pinpoint exactly where we need to start to get the most done.

A lot of the code smells are pretty basic things, the most common of which seems to be renaming variables in snake_case, which is something Alex has mentioned to me before as well. It will happen eventually, Tommy and I just aren't big fans of it so we started in camelCase. This simple fix should clear up about a days worth of technical debt I would estimate.

*** It is also worth noting that our second largest code debt file is actually an old file left in for reference ***

my:project

master

March 4, 2020, 10:33 PM

Version not provided

Overview

Issues

Measures

Code

Activity

my:project

View as

List

↑

↓

to select files

←

→

to navigate

287 files

Project Overview

> Reliability

> Security

> Maintainability

Overview

On new code

Code Smells

43

Debt

2h 16min

Debt Ratio

0.0%

Rating

A

Overall

Code Smells

592

Debt

3d 6h

Debt Ratio

0.3%

Rating

A

Effort to Reach A

0

> Coverage

> Duplications

> Size

> Complexity

> Issues

Technical Debt 3d 6h

New code: since Invalid Date

HomepairsApp/Apps/Properties/views.py

2h 46min

HomepairsApp/Apps/Properties/old/views.py

2h 32min

HomepairsApp/Apps/PropertyManagers/views.py

2h 2min

HomepairsApp/Apps/Appliances/views.py

1h 26min

HomepairsApp/Apps/ServiceProvider/views.py

1h 22min

HomepairsApp/Apps/ServiceProvider/test_update.py

1h 19min

HomepairsApp/Apps/ServiceRequest/views.py

1h 18min

HomepairsApp/Apps/Tenants/views.py

1h 14min

HomepairsApp/Apps/Properties/test_ApplianceCRUD.py

1h 5min

HomepairsApp/Apps/ServiceRequest/test_create.py

1h 1min

HomepairsApp/Apps/helperFuncsForTesting.py

58min

HomepairsApp/Apps/helperFuncs.py

52min

HomepairsApp/Apps/Tenants/test_register.py

50min

HomepairsApp/Apps/ServiceRequest/test_update.py

48min

HomepairsApp/Apps/Appliances/test_update.py

47min

HomepairsApp/Apps/PropertyManagers/test_login.py

46min

HomepairsApp/Apps/PropertyManagers/test_register.py

46min

HomepairsApp/Apps/Properties/old/test_update.py

44min

HomepairsApp/Apps/Properties/old/test_create.py

40min

HomepairsApp/Apps/Properties/test_create.py

40min

HomepairsApp/cover/coverage_html.js

39min

HomepairsApp/Apps/ServiceProvider/test_create.py

39min

homepairsUI/src/Screens/Main/Properties/DetailedPropertiesScreen/DetailedPropertyScreenBase.tsx

32min

HomepairsApp/Apps/Tenants/test_login.py

30min

HomepairsApp/Apps/ServiceRequest/test_get.py

29min

HomepairsApp/cover/jquery.ionscreen.js

26min

HomepairsApp/Apps/Properties/test_update.py

24min

homepairsUI/src/Routes/Routes.web.tsx

19min

HomepairsApp/Apps/Appliances/test_create.py

19min

homepairsUI/src/Screens/Components/ServiceRequestCount/ServiceRequestCount.tsx

16min

homepairsUI/src/Screens/Components/Modals/EditTenantModal.tsx

15min

HomepairsApp/Apps/Properties/old/test_info.py

12min

HomepairsApp/Apps/Properties/test_info.py

12min

HomepairsApp/Apps/ServiceRequest/models.py

























10min

homepairsUI/src/state/account/actions.tsx

6min

homepairsUI/src/state/account/reducer.tsx

6min

 HomepairsApp/cover/jquery.hotkeys.js	5min
 homepairsUI/src/state/session/reducer.tsx	5min
 HomepairsApp/testHeroku/testIt.py	5min
 HomepairsApp/Apps/PropertyManagers/test_tenEdit.py	4min
 homepairsUI/src/Screens/Components/ViewPropertyCard/ViewPropertyCard.tsx	4min
 homepairsUI/src/Screens/Components/SceneHeader/WithSceneHeader.tsx	4min
 homepairsUI/src/Elements/Cards/Card.tsx	3min
 homepairsUI/src/Screens/Auth/SignUpScreen/SignUpScreenBase.tsx	3min
 homepairsUI/src/state/types.ts	3min
 homepairsUI/src/state/session/actions.tsx	2min
 homepairsUI/src/Screens/Components/AuthenticationCards/ConnectCardStyles.tsx	2min
 homepairsUI/src/Screens/Components/HomePairsHeader/HomePairsHeader.tsx	2min
 homepairsUI/src/utility/NavigationRouterHandler.tsx	2min
 homepairsUI/src/Screens/Components/SceneHeader/SceneHeader.tsx	2min
 homepairsUI/src/Screens/Main/Properties/TenantPropertyScreen/TenantPropertyScreen.tsx	2min
 homepairsUI/src/Screens/Main/Properties/TenantPropertyScreen/TenantPropertyScreenBase.tsx	2min
 homepairsUI/src/Screens/Components/AccounttypeRadioButton/AccountTypeRadioButton.tsx	1min
 homepairsUI/src/utility/SyntaxVerification/EmailSyntaxVerification.tsx	1min
 homepairsUI/src/Screens/Components/GeneralHomeInfo/GeneralHomeInfo.tsx	1min
 homepairsUI/src/Elements/Buttons/LoginButton.tsx	1min
 homepairsUI/src/Screens/Auth/SignUpScreen/SignUpScreen.tsx	1min
 HomepairsApp/cover/style.css	1min
 homepairsUI/src/Elements/Buttons/ThinButton.tsx	1min
<div><div></div><div>There are 228 hidden components with a score of 0. Show Them</div></div>	