

# Technical Debt in Homepairs-Alpha

Homepairs-alpha		View as <div>List</div>	<div>↑</div> <div>↓</div> to select files	<div>←</div> <div>→</div> to navigate	104 files
Technical Debt <b>1d 6h</b>		New code: since Invalid Date			
	homepairs/HomepairsApp/API/views.py	5h 8min			
	homepairs/HomepairsApp/API/test_PropertyManagerRegistration.py	1h 55min			
	homepairs/HomepairsApp/API/test_PropertyCRUD.py	1h 44min			
	homepairs/HomepairsApp/API/test_tenantRegistration.py	1h 7min			
	homepairs/HomepairsApp/API/test_tenantLogin.py	38min			
	homepairs/HomepairsApp/API/test_PropertyManagerLogin.py	32min			
	homepairs/homepairsUI/unittests/apitests.py	26min			
	homepairs/homepairsUI/unittests/dbtest.py	26min			
	homepairs/homepairsUI/src/Elements/Forms/InputForm.tsx	21min			
	homepairs/homepairsUI/src/Elements/Buttons/ThinButton.tsx	16min			
	homepairs/homepairsUI/src/Screens/Components/AuthPage/WithAuthPage.tsx	14min			
	homepairs/homepairsUI/src/Screens/Components/HomePairsHeader/HomePairsHeaderMenu/HomePairsHeaderMenu.tsx	7min			
	homepairs/homepairsUI/src/state/account/actions.tsx	6min			
	homepairs/homepairsUI/src/Elements/Cards/Card.tsx	6min			
	homepairs/homepairsUI/src/state/account/reducer.tsx	6min			
	homepairs/homepairsUI/src/Screens/Auth/SignUpScreen/SignUpScreenBase.tsx	6min			
	homepairs/homepairsUI/src/Screens/Components/HomePairsHeader/HomePairsHeaderTitle/HomePairsHeaderTitle.tsx	5min			
	homepairs/homepairsUI/src/state/property-list/reducer.tsx	5min			
	homepairs/homepairsUI/src/state/property-list/actions.tsx	4min			
	homepairs/homepairsUI/src/Screens/Main/Properties/DetailedPropertiesScreen/DetailedPropertyScreenBase.tsx	4min			
	homepairs/homepairsUI/src/Screens/Components/SceneHeader/SceneHeader.tsx	4min			
	homepairs/homepairsUI/src/Screens/Components/SceneHeader/WithSceneHeader.tsx	4min			
	homepairs/homepairsUI/src/Screens/Main/Account/AccountScreen/AccountScreen.tsx	2min			
	homepairs/homepairsUI/src/Screens/Components/AuthenticationCards/ConnectCardStyles.tsx	2min			
	homepairs/homepairsUI/src/Screens/Main/Properties/DetailedPropertiesScreen/DetailedPropertyScreen.tsx	2min			
	homepairs/homepairsUI/src/Screens/Components/GeneralHomeInfo/GeneralHomeInfo.tsx	2min			
	homepairs/homepairsUI/src/Screens/Components/HomePairsHeader/HomePairsHeader.tsx	2min			
	homepairs/HomepairsApp/API/models.py	2min			
	homepairs/homepairsUI/src/Screens/Main/Properties/PropertiesScreen/PropertiesScreen.tsx	2min			
	homepairs/homepairsUI/src/Screens/Main/Properties/PropertiesScreen/PropertiesScreenBase.tsx	2min			
	homepairs/homepairsUI/src/Screens/Main/ServiceRequest/ServiceRequestScreen/ServiceRequestScreen.tsx	2min			
	homepairs/homepairsUI/src/state/types.ts	2min			
	homepairs/homepairsUI/src/Screens/Components/AccountTypeRadioButton/AccountTypeRadioButton.tsx	1min			
	homepairs/homepairsUI/src/Screens/Components/AddressSticker/AddressSticker.tsx	1min			
	homepairs/homepairsUI/src/utility/SyntaxVerification/EmailSyntaxVerification.tsx	1min			
	homepairs/homepairsUI/src/Screens/Auth/SignUpScreen/SignUpScreen.tsx	1min			
	homepairs/homepairsUI/src/Screens/Components/ViewPropertyCard/ViewPropertyCard.tsx	1min			

**Name:** Adam Berard

**Date:** February 3, 2020

**Team:** Homepairs (Or Twopairs? Maybe?)

**Metric:** Technical Debt

**Metric Data:** Shown above

**Analysis:**

I think that having 5 hours worth of Code Smells to fix in API.views is a pretty big problem for Tommy and me on the backend. The next few problems all look pretty serious as well, but pretty manageable. Lots of work is done in the API.views (almost all of the API stuff) so that makes sense that most of the problems are there. Based on what I know about technical debt, it seems like this is something that we need to take care of quite soon so it doesn't balloon out of control. The 2<sup>nd</sup> through 6<sup>th</sup> biggest code smells are all tests, so I will need to figure out a way to reduce code smells in my testing. Now that SonarQube is installed and running, this will be a nice tool to be able to run periodically and before Sprint ends.