logit development log

## 27 dec 2022

### implementing nav drawer

#### step 1: convert activity main log to a fragment

activityMainLog has to be converted to fragment for nav drawer to work.

A parent activity “ActivityParent” will be created. This parent activity will instantiate the current ViewModel, too. This way, saved assignment data will only have to be pulled once and shared to both FragmentLog and FragmentCalendar.

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| **Issues** | **Solutions** |
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#### step 2: implement nav drawer

I’ll follow the steps I’ve outlined in my Notes document and take reference from the Marcellina Pizzas app.

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| **Issues** | **Solutions** |
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## 30 dec 2022

### issue: calling parent fragment on a nav host fragment returns null

**Description:** I wanted to call ParentFragment to call the methods showFab and hideFab when user scrolls, but calling ParentFragment returns a navHostFragment, and calling parentFragment of that returns null.

**Solution:** Instead of calling parentFragment, I used setFragmentResultListener and setFragmentResult instead as follows:

**FragmentTodo.kt**

if (dy > 0) { // scrolling down and fab is shown  
 *setFragmentResult*("hideFab", *bundleOf*())  
} else { // scrolling up and fab is not shown  
 *setFragmentResult*("showFab", *bundleOf*())  
}

**FragmentLog.kt** (FragmentTodo’s parent fragment)

// show/hide fab on user scroll  
*setFragmentResultListener*("showFab") **{** \_, \_ **->** showFabAddTask()  
**}***setFragmentResultListener*("hideFab") **{** \_, \_ **->** hideFabAddTask()  
**}**