Android X Help Sheet

1. Create new project with empty template
2. Set Project Dependencies within Build.Gradle (App)

dependencies {

implementation ’androidx.navigation:navigation-fragment:2.1.0’ implementation "androidx.navigation:navigation-ui:2.1.0"

// material style (optional):

implementation ’com.google.android.material:material:1.2.0-alpha02’

}

1. Set Project Dependencies within Build.Gradle (Project)

dependencies {  
 classpath 'com.android.tools.build:gradle:3.5.2'  
   
 classpath 'com.android.tools.build:gradle:3.5.2'  
 classpath "androidx.navigation:navigation-safe-args-gradle-plugin:2.1.0"  
   
 // NOTE: Do not place your application dependencies here; they belong  
 // in the individual module build.gradle files  
}

1. Add plugins to Build.Grade (App)

apply plugin: 'com.android.application'  
apply plugin: "androidx.navigation.safeargs"

1. Add fragment within activity\_main.xml

<fragment  
 android:id="@+id/nav\_host\_fragment"  
 android:name="androidx.navigation.fragment.NavHostFragment"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:defaultNavHost="true"  
 app:navGraph="@navigation/nav\_graph" />

1. Alt+Enter the error on the navGraph and implement a new navigation resource (can be found within Android view: app/res/navigation
2. Create new fragments using the following icon, name the fragment and uncheck the 2 boxes



1. Within nav\_graph.xml, under the fragment which you want to have an action. Replace the text with the following:

<fragment  
 android:id="@+id/homeFragment"  
 android:name="com.example.androidxlab.HomeFragment"  
 android:label="fragment\_home"  
 tools:layout="@layout/fragment\_home" >  
  
 <action  
 android:id="@+id/action\_homeFragment2\_to\_chooseRecipientFragment"  
 app:destination="@id/chooseRecipientFragment" />  
  
</fragment>

1. Within HomeFragment.java,
   1. Define a new NavController

private NavController navController;

* 1. Implement View.OnClickListener

public class HomeFragment extends Fragment implements View.OnClickListener{

* 1. Implement the following method

@Override  
public void onClick(View v) {  
  
}