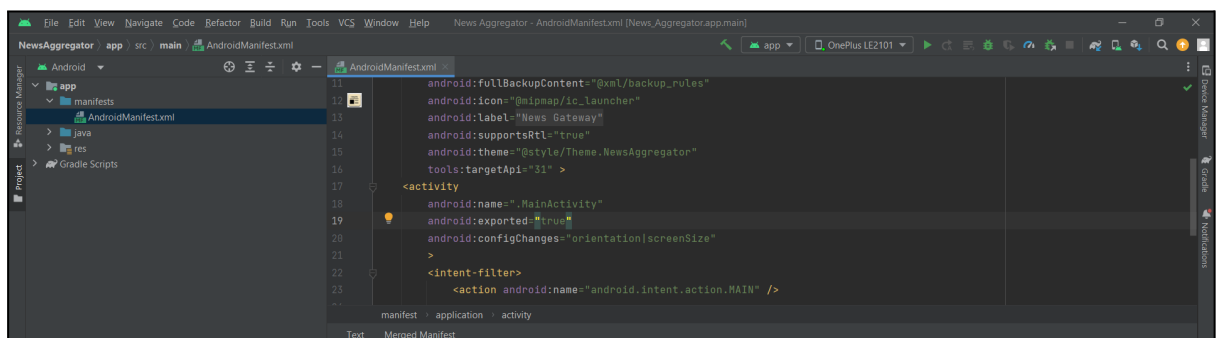


All extra credit tasks also completed

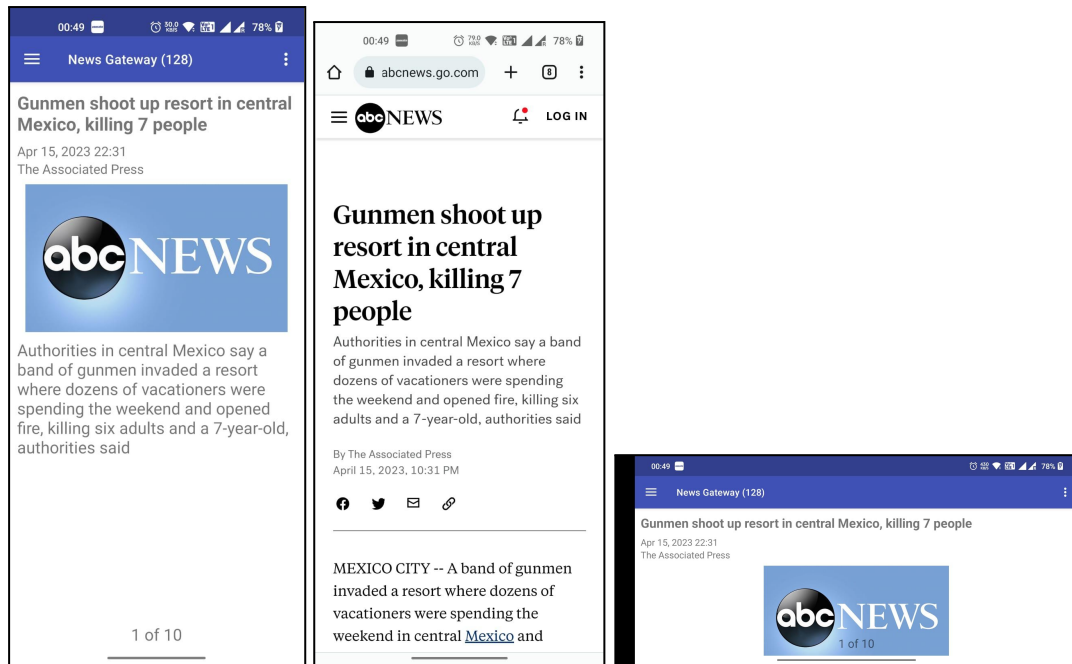
- 1) News article date/time stamps are in the format "2020-04-08T17:54:48.12...Z" (this is called "zero hour offset" also known as "Zulu time"). Earn 15 points if you convert this to the following format: "Apr 08, 2022 20:52".



- Up to 20 points of extra credit will be awarded if you save and restore the app state when transitioning between portrait and landscape layouts to ensure a smooth user experience. Without this, the app reverts to the start state upon rotation. If this is done properly, the current topic selection, the current source list (in the drawer), and the displayed articles will be maintained upon device orientation change.

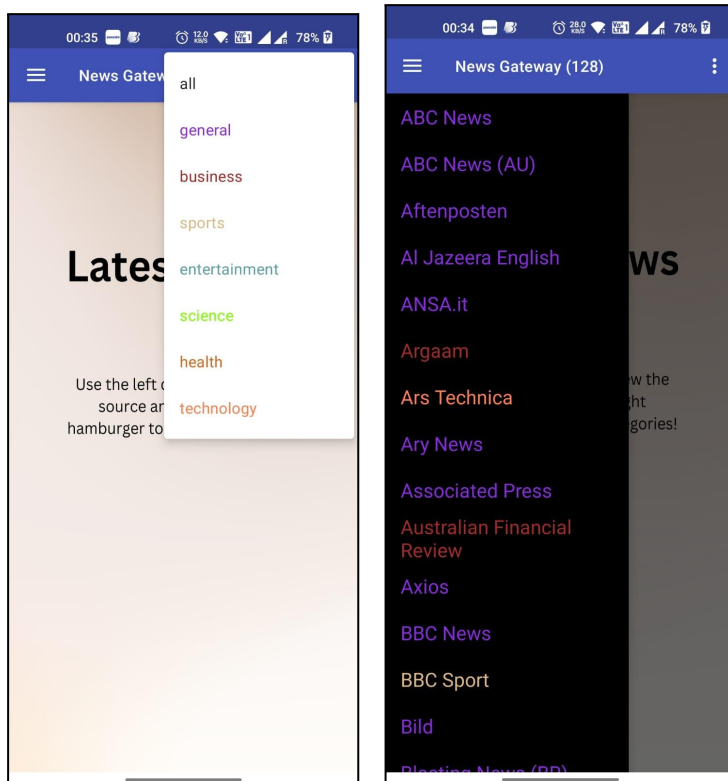


Added `android:configChanges="orientation|screenSize"` in activity



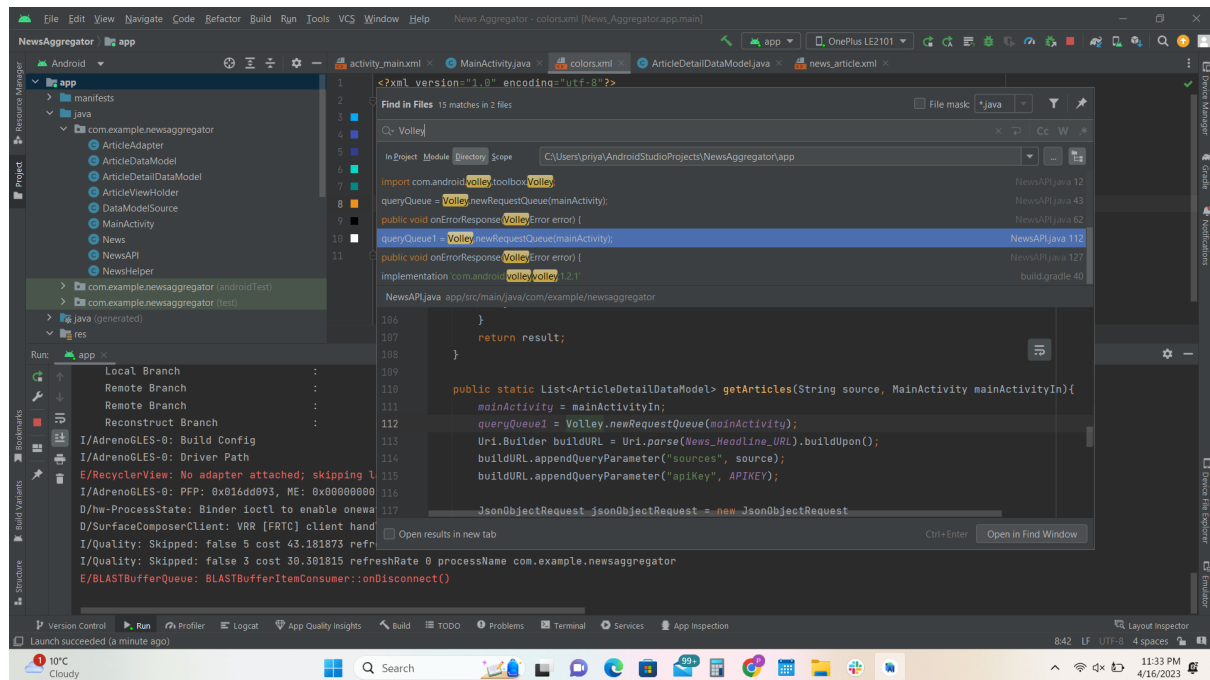
Maintains state in portrait and landscape

- Up to 25 points of extra credit will be awarded if you display the news topics in the options menu different colors, and then color the news sources in the drawer according to their topic:

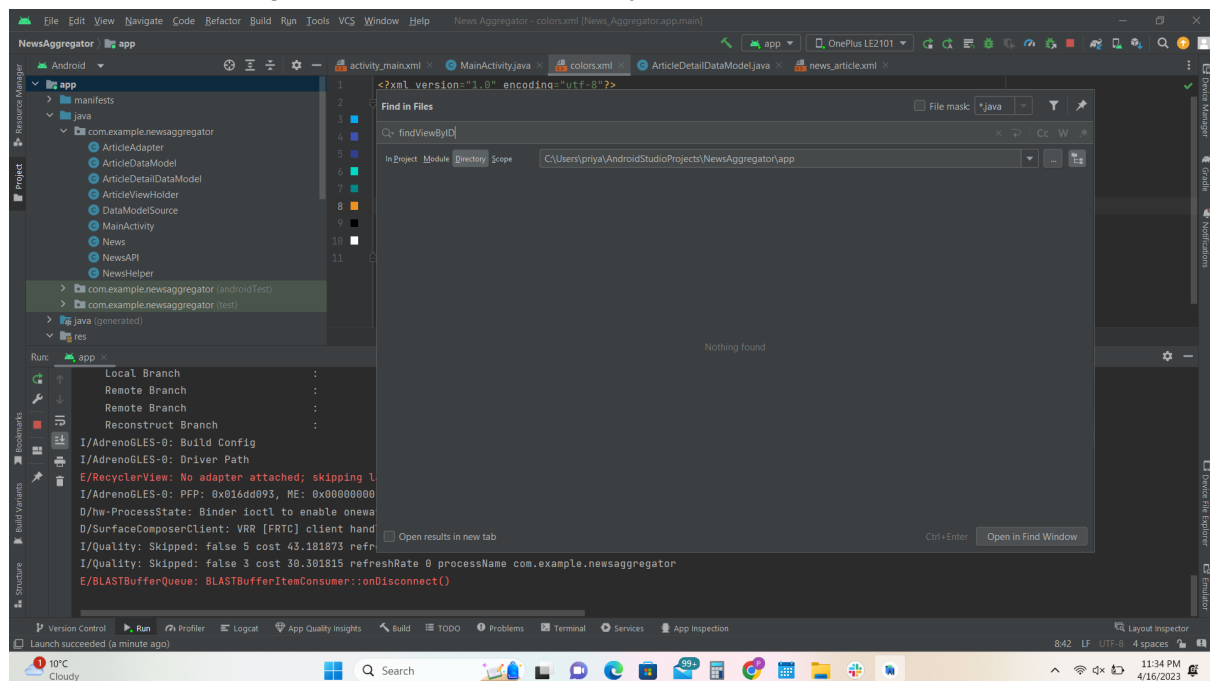


colored the news sources in the drawer according to their topic color

Android Volley used for API calls

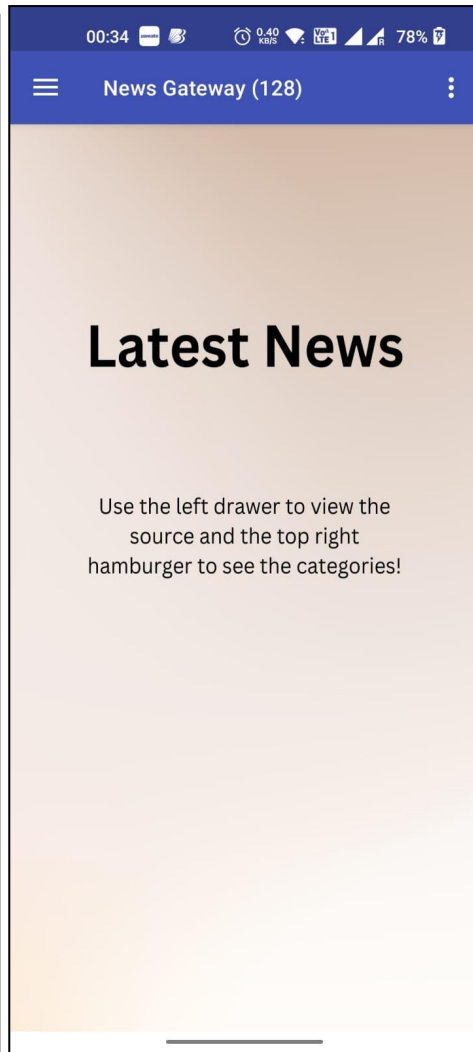


Android View Binding used instead of findViewById

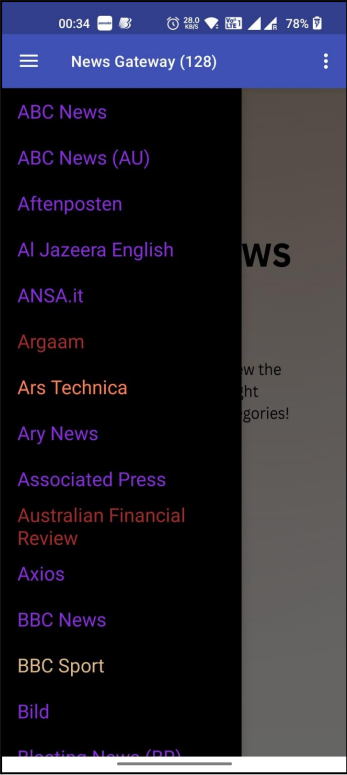




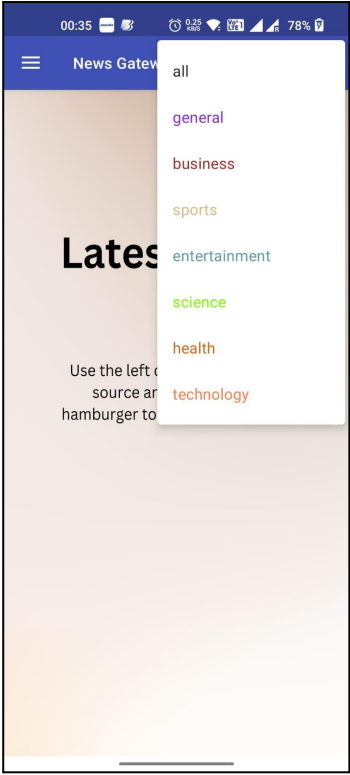
App icon



Home Screen



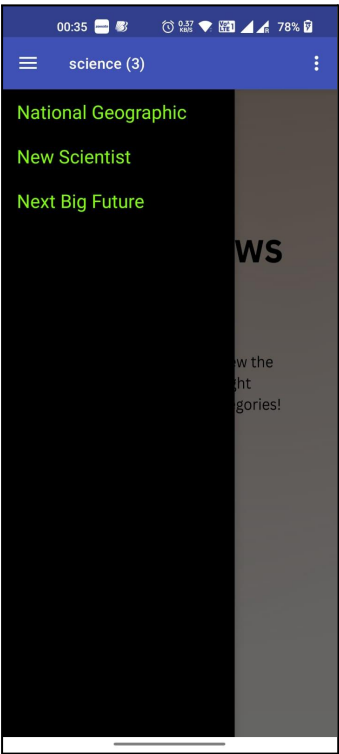
All news sources



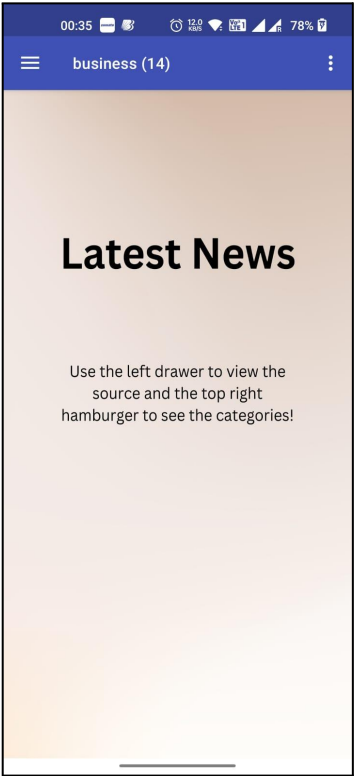
all categories



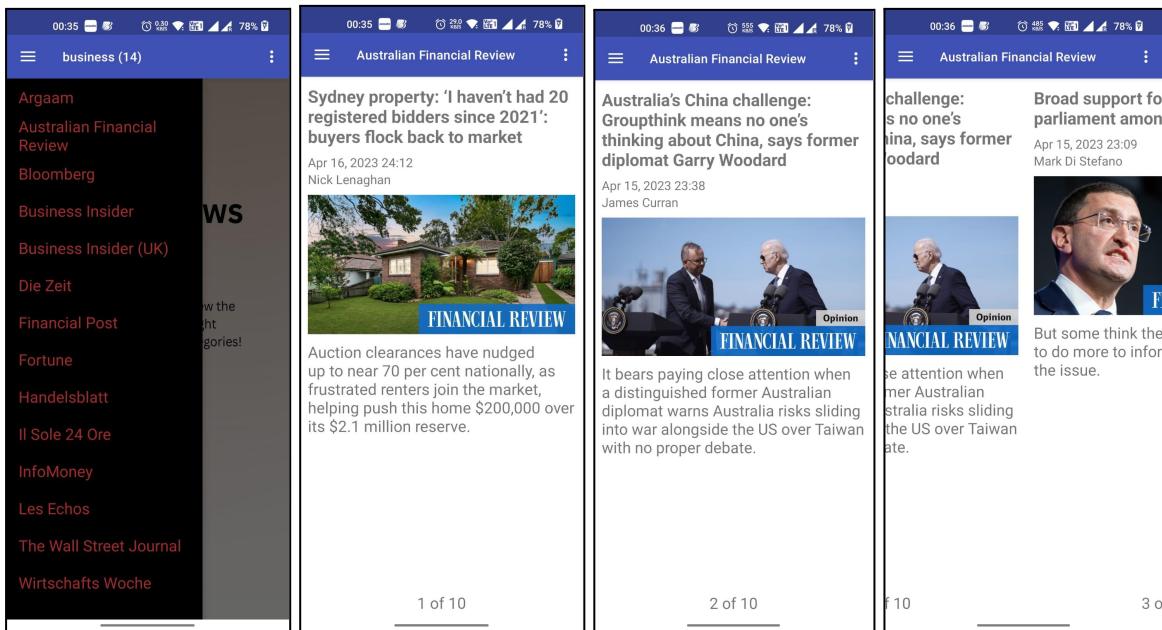
category:science selected



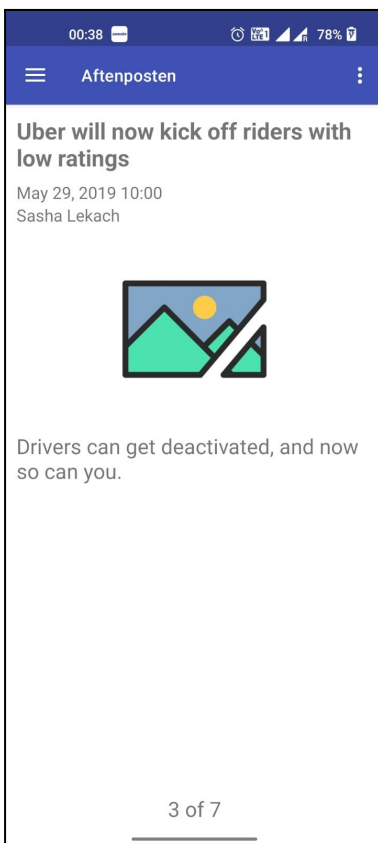
News sources of science



business category selected



News sources of business category and swiping mechanism done



broken image case handled example