**Entain Technical Task**

Thank you for your application for the Mobile engineer position at Entain. As part of our interview process, we have prepared the following technical task to get a better understanding of your skills, thought process and methodology.

There is no fixed time limit on this task, what matters is that you demonstrate your knowledge and skills to the best of your ability. Please upload your solution to a private repository and send us a link, include any testing instructions.

**Task**

Create an Android app that displays ‘Next to Go’ races using our API.

A user should always see 5 races, and they should be sorted by time ascending. Race should disappear from the list after 1 min past the start time, if you are looking for inspiration look at <https://www.neds.com.au/next-to-go>

**Requirements**

1. As a user, I should be able to see a time ordered list of races ordered by advertised start ascending
2. As a user, I should not see races that are one minute past the advertised start
3. As a user, I should be able to filter my list of races by the following categories: Horse, Harness & Greyhound racing
4. As a user, I can deselect all filters to show the next 5 from of all racing categories
5. As a user I should see the meeting name, race number and advertised start as a countdown for each race.
6. As a user, I should always see 5 races and data should automatically refresh

**Technical Requirements**

* Use Jetpack compose
* Use Kotlin
* Has some level of testing. Full coverage is not necessary, but there should be at least some testing for key files.
* Documentation
* Use scalable layouts so your app can respond to font scale changes
* Use material design elements over custom elements
* (Optional) use data binding
* (Optional) add accessibility labels such that you can navigate via voiceover

Categories are defined by IDs and are the following:

- Greyhound racing: category\_id: 9daef0d7-bf3c-4f50-921d-8e818c60fe61

- Harness racing: category\_id: 161d9be2-e909-4326-8c2c-35ed71fb460b

- Horse racing: category\_id: 4a2788f8-e825-4d36-9894-efd4baf1cfae

GET <https://api.neds.com.au/rest/v1/racing/?method=nextraces&count=10>

Content-type: application/json