

OkCupid Android Coding Challenge

We invite you to build a small app to showcase your Android coding ability. This will take a few hours. We respect your time - this is a significant part of the interview process.

The following is a spec and mock for what we would like you to build. Please don't hesitate to ask any questions.

Specifications

'Special Blend' tab

This shows results from a match search executed against <https://www.okcupid.com/matchSample.json>. The user can scroll through all the results.

Tapping one of the cards will 'Like' the person. The card should now indicate the person is liked by highlighting the background. They should also now appear in the 'Match %' tab.

'Match %' tab

This should show people who you have Liked, but only the top six people, sorted by Match %. The tab can have the same look and feel as the special blend tab.

Criteria

Here is what we will be looking for in your submission:

- Match the mock
- Match the spec
- Well thought out and consistent code architecture. This could be an established pattern (MVP, MVVM), or if not, you will be asked to explain the ideas behind how you architected it.
- Performance
 - No memory leaks
 - Reasonable resource usage
- Readable, maintainable, and reasonably documented code
 - It should also be extensible - you will be building on top of this in the next stage of the interview process (in-person)
- Make sure you avoid common Android pitfalls
 - Handle rotation cleanly
 - Make sure your layouts work on varying screen sizes

Mocks

<included in zip>