

Managing User Authentication State



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Overview



Polish App Experience

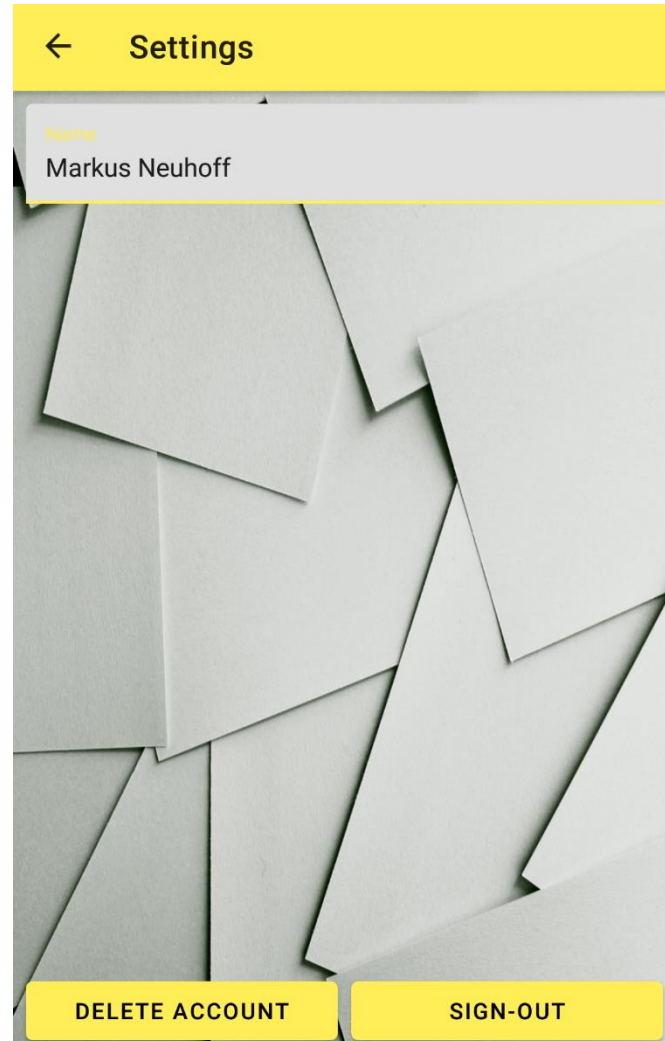
- Sign-out
- Delete Account

Reduce Technical Debt

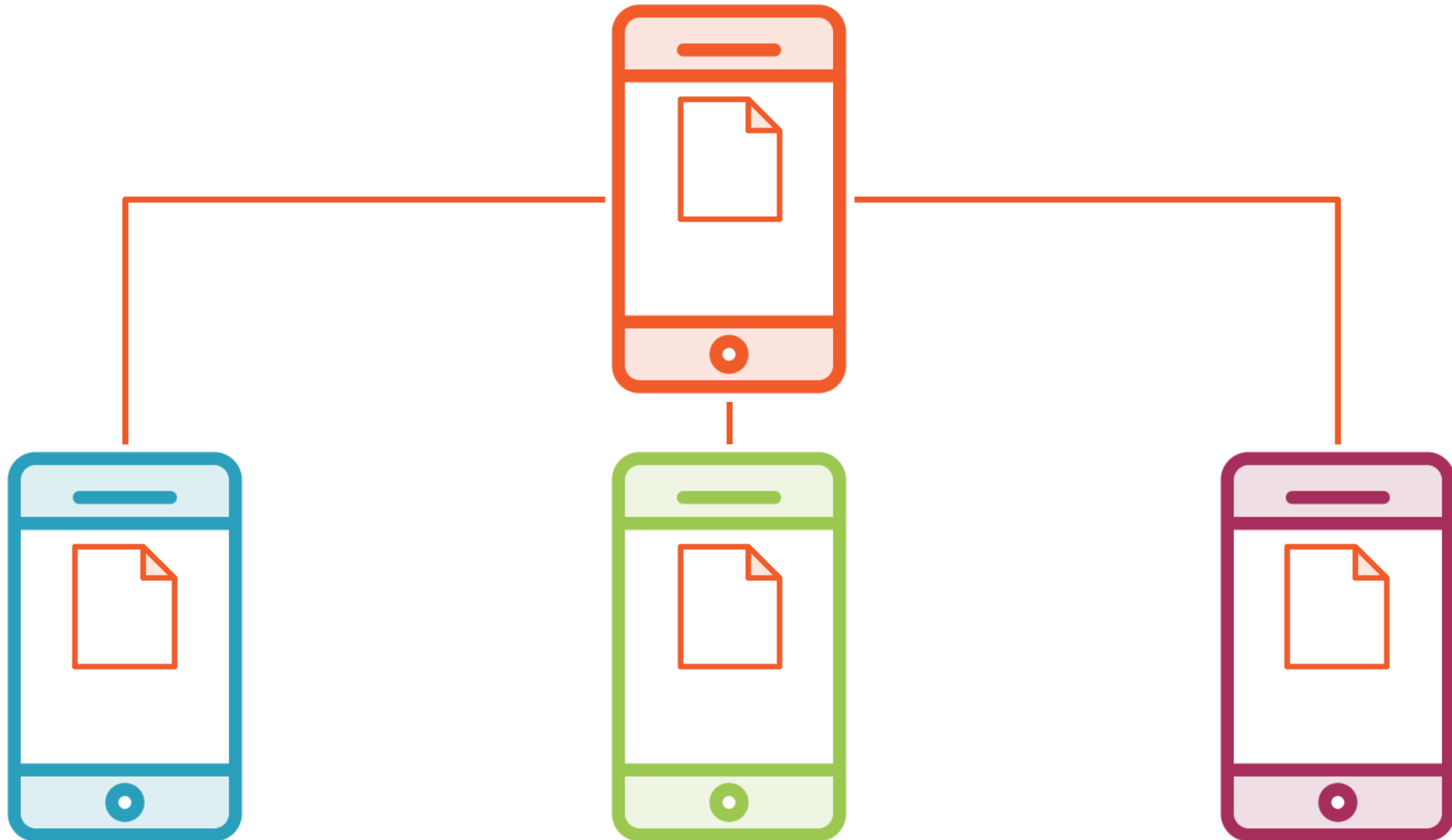
Harden Security



Settings Activity



Base Activity



Null Safety

```
// null check that can throw null pointer exception
```

```
if (user != null && user!!.uid != "-1")
```

```
if (user != null && user!!.providers != null &&  
user!!.providers!!.size == 0)
```

```
// Elvis operator
```

```
if (user?.uid ?: "-1" != "-1")
```

```
if (user?.providers?.size ?: 0 == 0)
```



Demo



Base Activity

Settings Activity

Finding and Removing Technical Debt



Course Review

Authentication Methods

Email

Google

Facebook

Twitter

Phone

Supporting Knowledge

Anonymous Authentication

Styling FirebaseAuth

User Settings



Thank You!



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