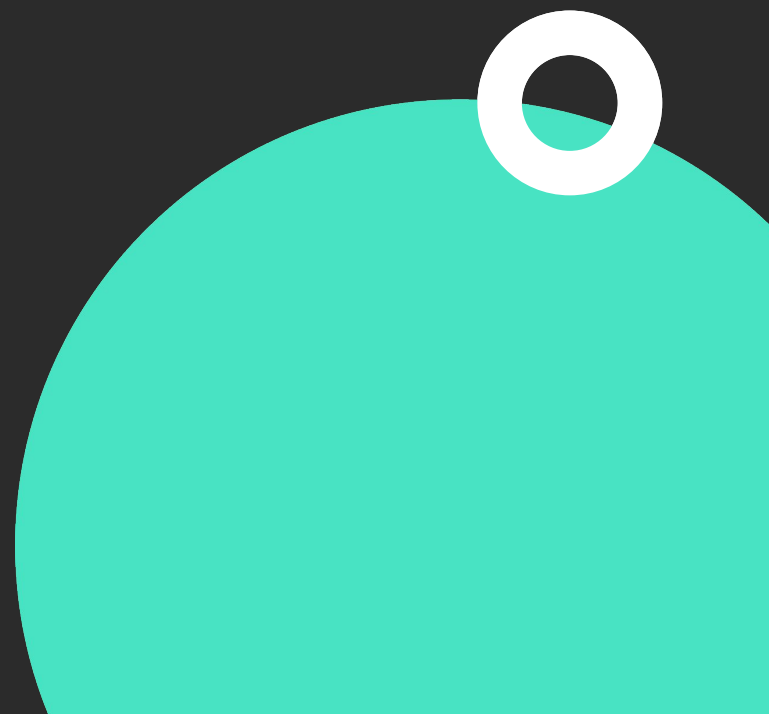# Adding ViewModel and UI in MVVM

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in/catalins

Overview

- Use Retrofit and Hilt

- Set up ViewModel

- Update UI to display network results

ViewModel

- Data flows down from Model to View

- Events flow up from View to ViewModel

- Exposes relevant Kotlin Flows to View

Bookstore screen composable

- Displays data to the user

- Handles user interaction

- Acts as a navigation destination

- Acts as the main app screen

Code Challenge

I will provide instructions on what to implement next

The solution will be available in the following folder

```
s4-viewmodel-repo-layer/code-challenge-solution
```

Summary

- ViewModel

- Bookstore screen

Adding Room Database

Up Next