




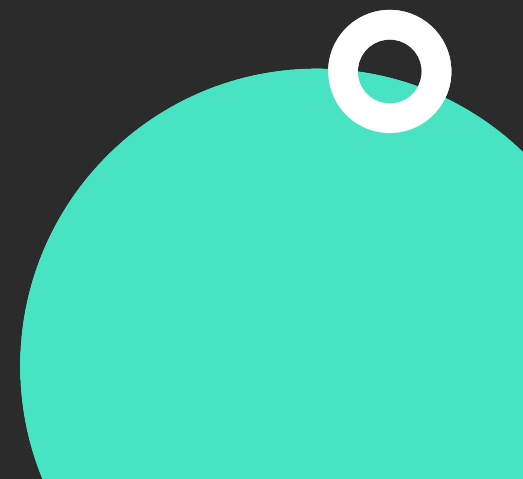
Building Flutter Applications by Sharing a Common Code Base



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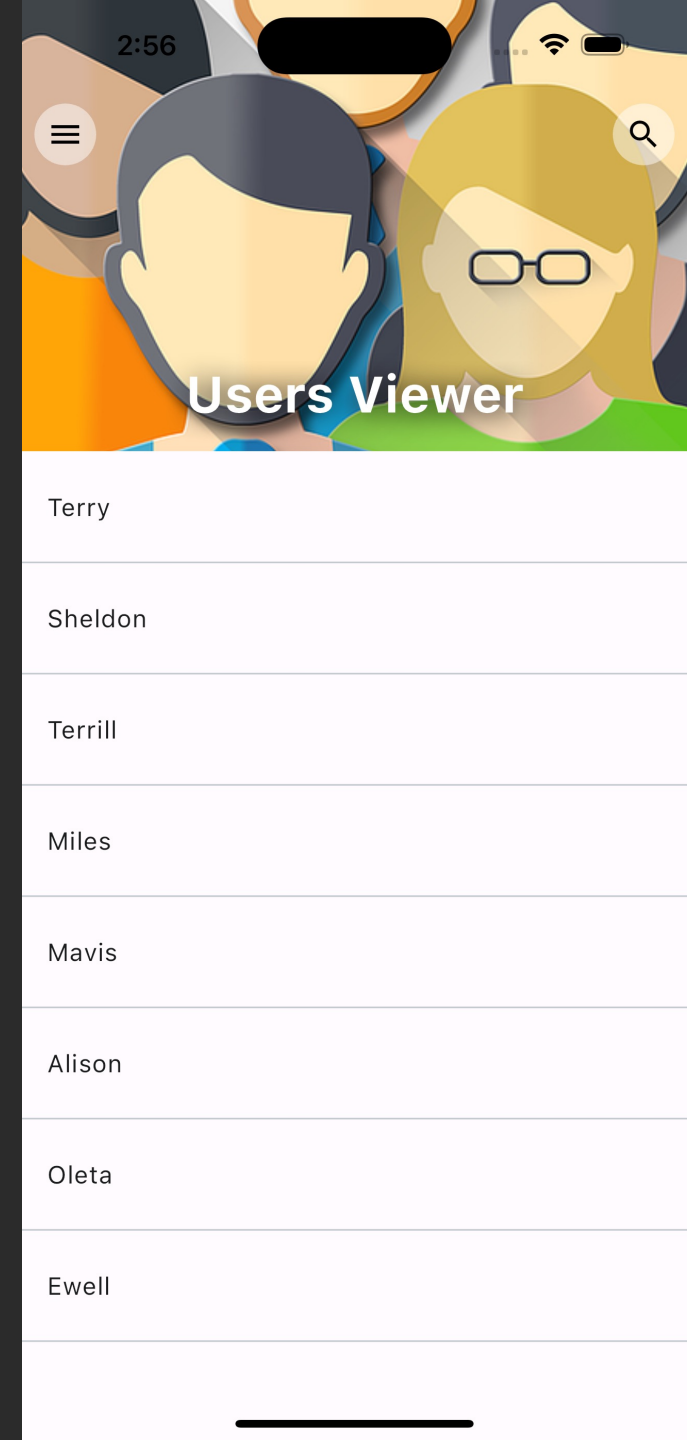
Overview – Tasks & Goals

Need to create multiple Flutter projects for Phone, Tablet, and Web with the ability to share common reusable codebase?

You'll create three projects, a single shared codebase package, and two separate Phone, Tablet, and Web apps creating patterns for an enterprise large-scale scenarios.

Analyze app's common features, and create a single shared codebase package containing logic and reusable widgets.

Phone apps navigate list & details on different pages. Tablet, and Web split-screen with list & details on the same page .



Overview - Course Demo App's

First – Create app's common features for shared codebase package containing reusable logic, and widgets.

Next – Create Users project for Mobile, Tablet & Web accessing shared codebase. Mobile apps navigate from list to details on different pages. Tablet, and Web use split-screen layout with list & details on the same page.

Furthermore - Implement responsive design, dark & light mode, and call RESTful API. **Moving on**, implement search capabilities.

Lastly – Create Product's project w/ same features as Users.



iPhone 9

iPhone X

Samsung Universe 9

OPPO F19

Huawei P30

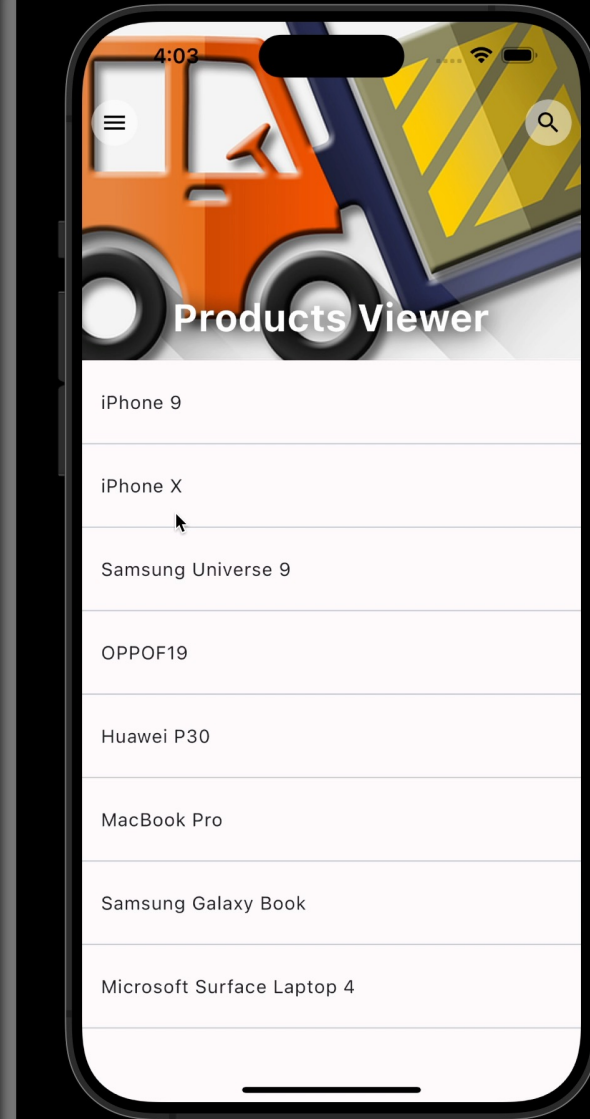
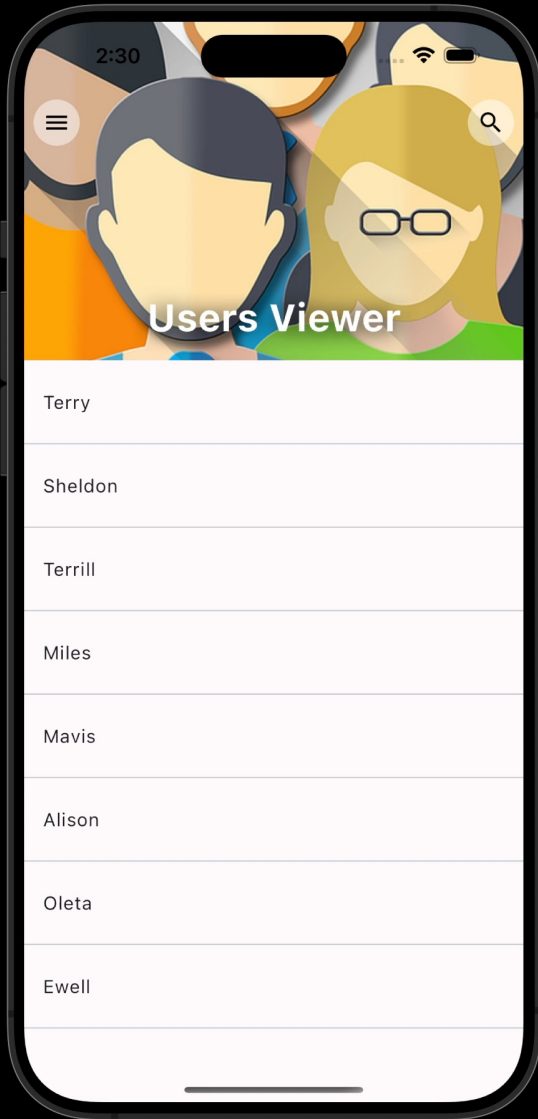
MacBook Pro

Samsung Galaxy Book

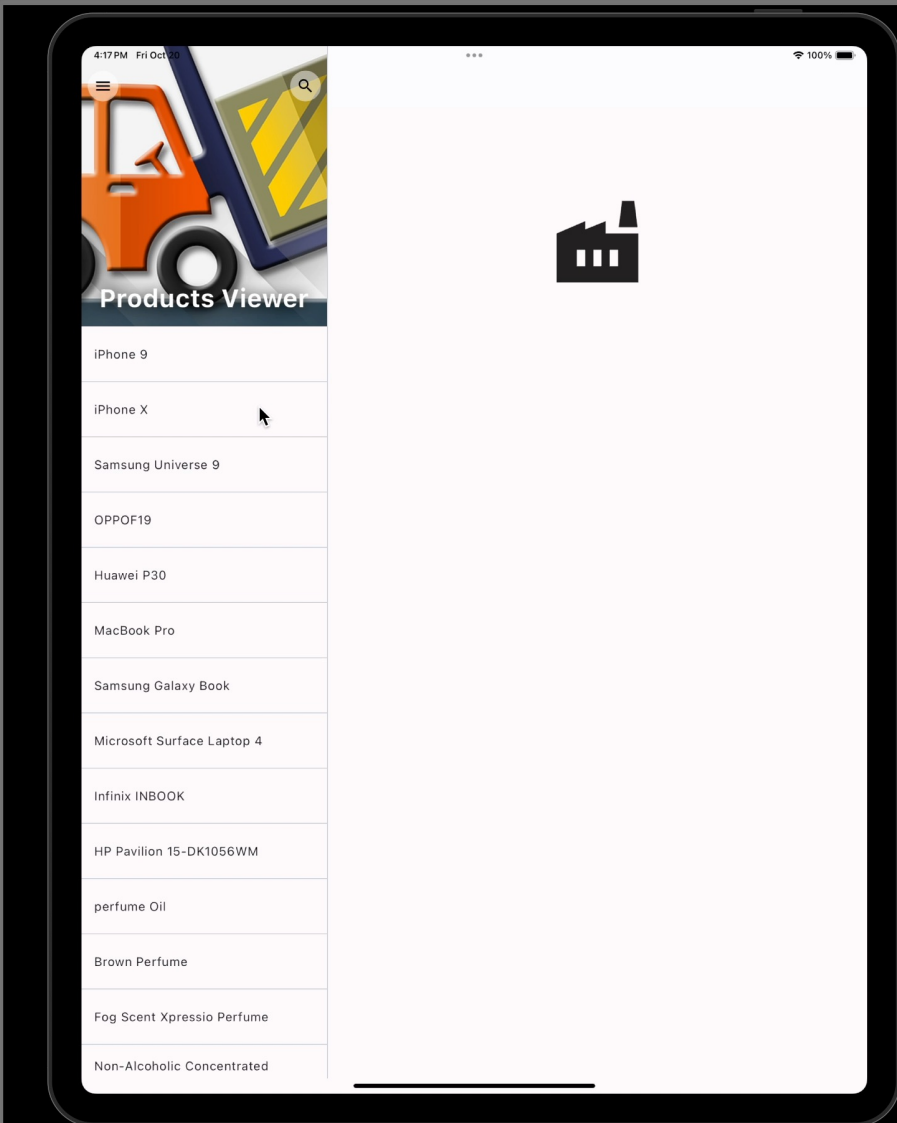
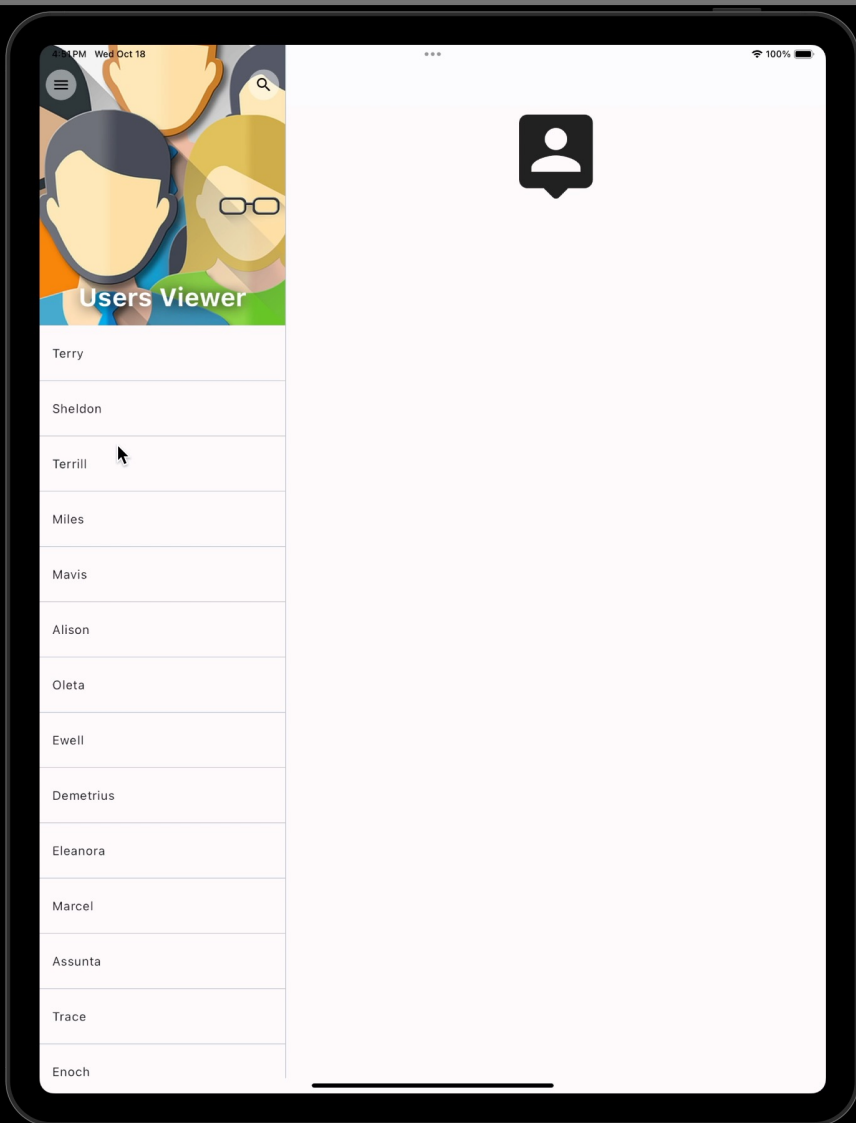
Microsoft Surface Laptop 4



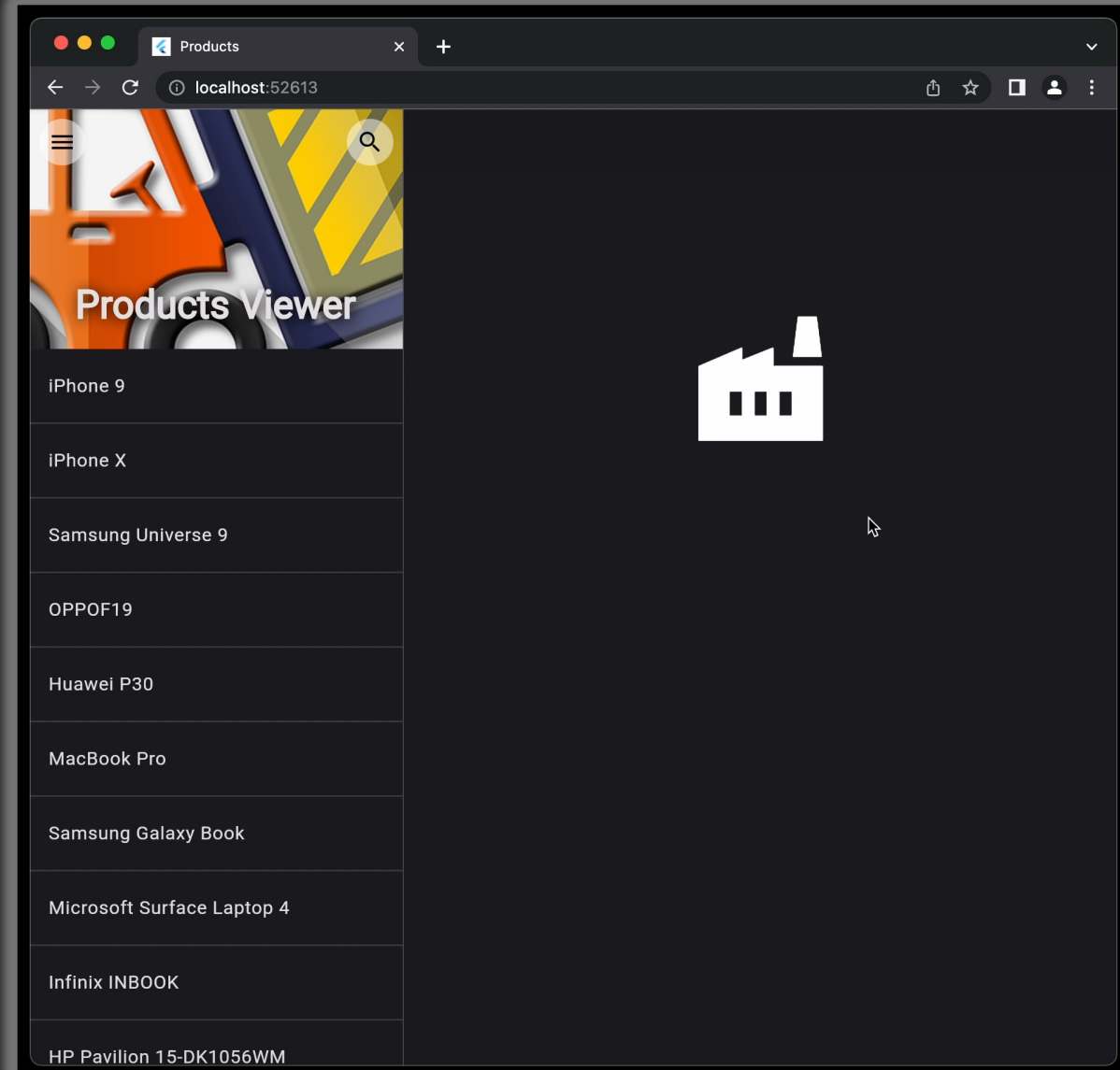
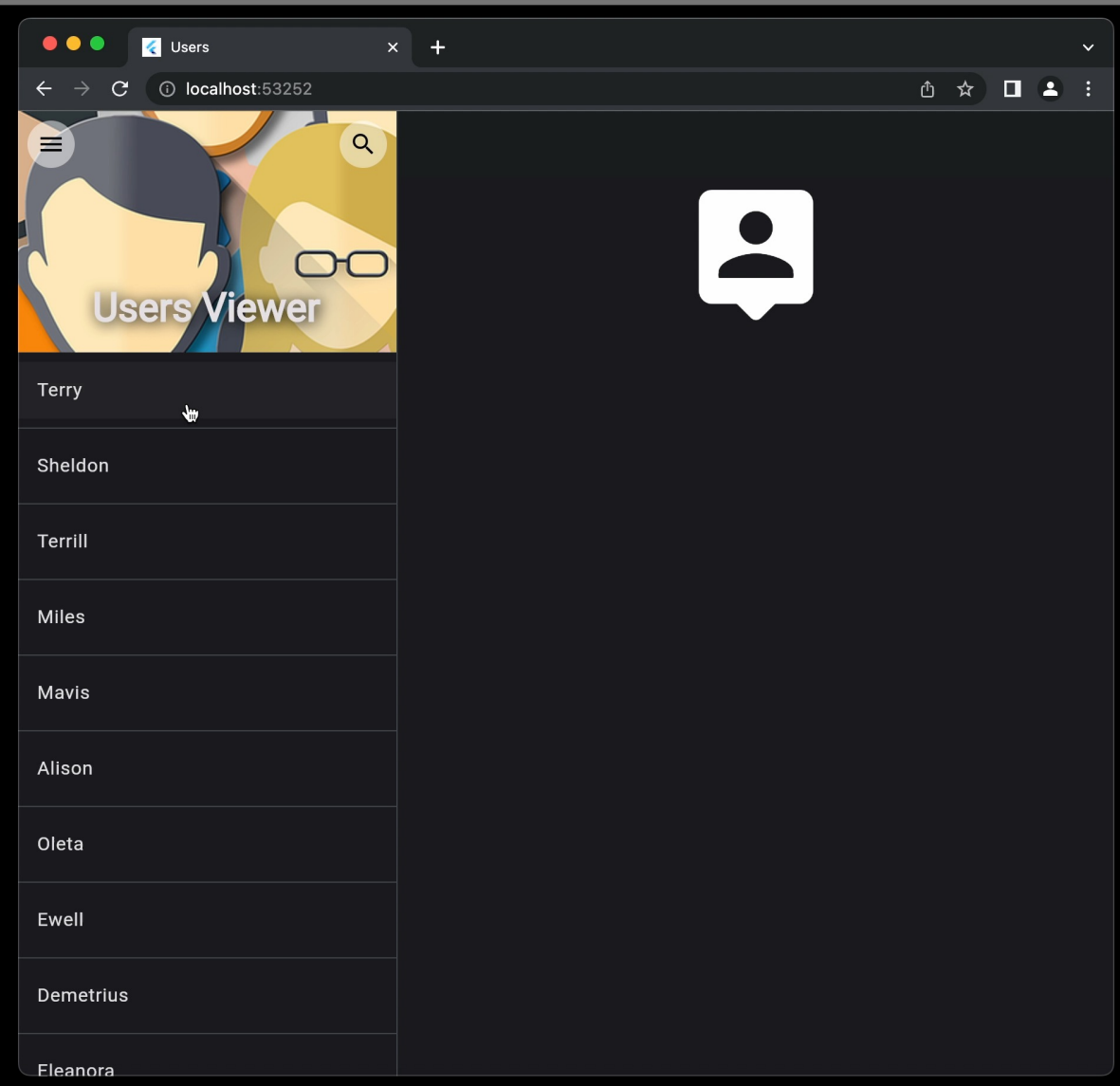
Phone Navigation



Tablet Split-Screen Navigation



Web - Mobile & Split-Screen Navigation





'Shared' Package Importing & Reviewing the 'Shared' Single Codebase Package

Up Next

