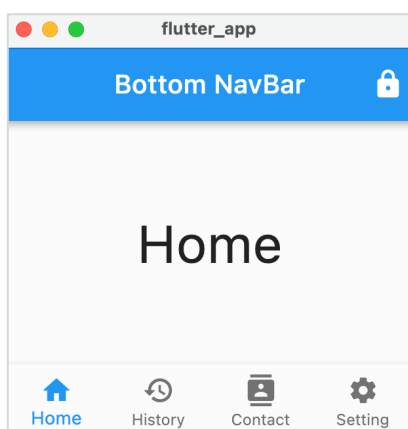# CROSS-PLATFORM MOBILE APP DEVELOPMENT
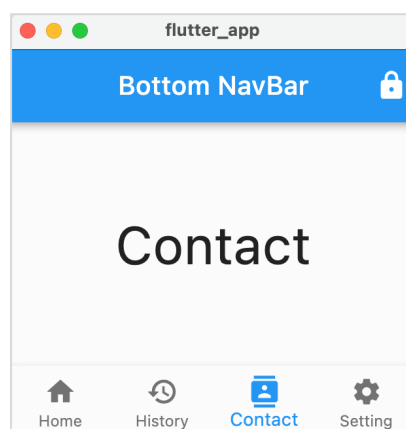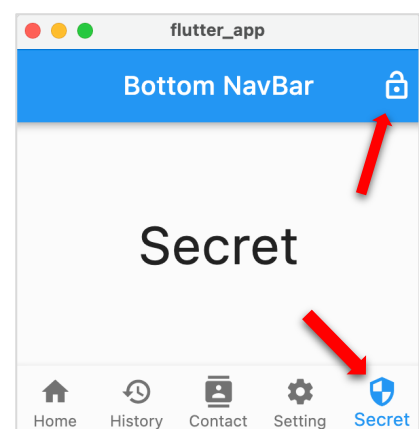
(503107)

LAB 4

EXERCISE 1

Create an app using Material Design theme and Bottom Navigation Bar with 4 items. When clicking on one of the items of the navBar, the Text widget will display the corresponding label. There is an action button on the right side of the AppBar, when toggling this button a hidden bottom sheet item will be shown or hidden. The icon of this action button will also display the corresponding open/close padlock.

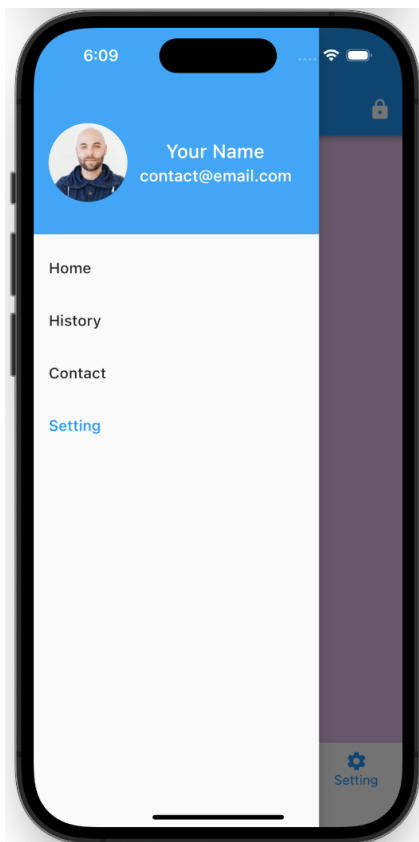|		
"Home" item selected	"Contact" item selected	"Locked" item is revealed

EXERCISE 2

Continuing working on the previous exercise, let's add a **PageView** widget in the center of the screen and have it work in sync with the existing bottom nav bar: every time an item on the navbar is selected, the corresponding page view item will also be selected, and vice versa.
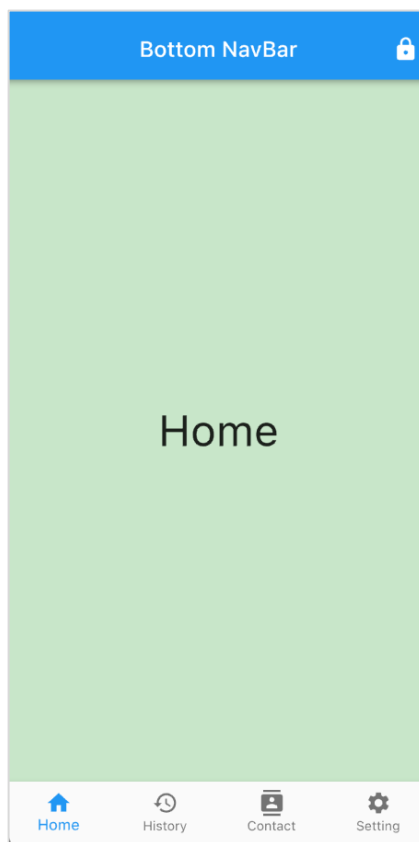
When the "Secret" page is being shown, if you click the lock icon to hide it, the "Home" page will be shown.
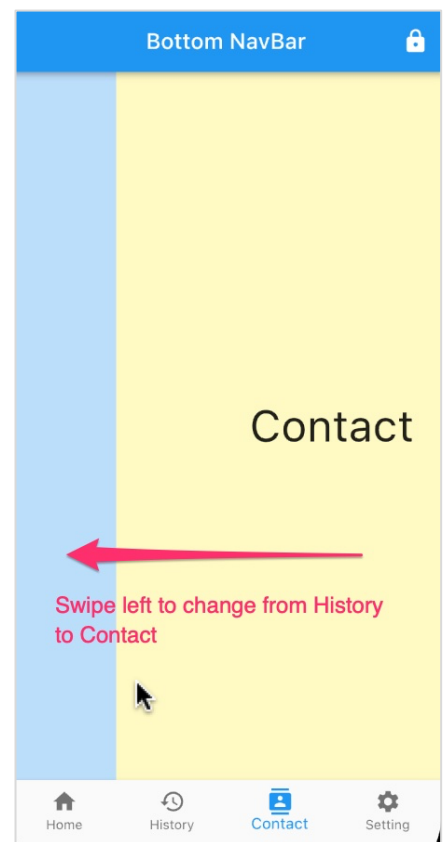
EXERCISE 3

Keep working on the previous exercise. This time, add a Drawer widget by setting the drawer property of your Scaffold widget. This drawer should be working in sync with the previous bottom bar and page view widget. When selecting any item on one of these 3 widgets, the corresponding item in the other two widgets will also be changed.

Exercise 4

Exercise 5

Exercise 5

EXERCISE 5

Continue working on Exercise 1 on the Bottom Navigation Bar. Let's add TabBar and make them work in sync: when changing the tab bar, the bottom bar also changes, and vice versa.