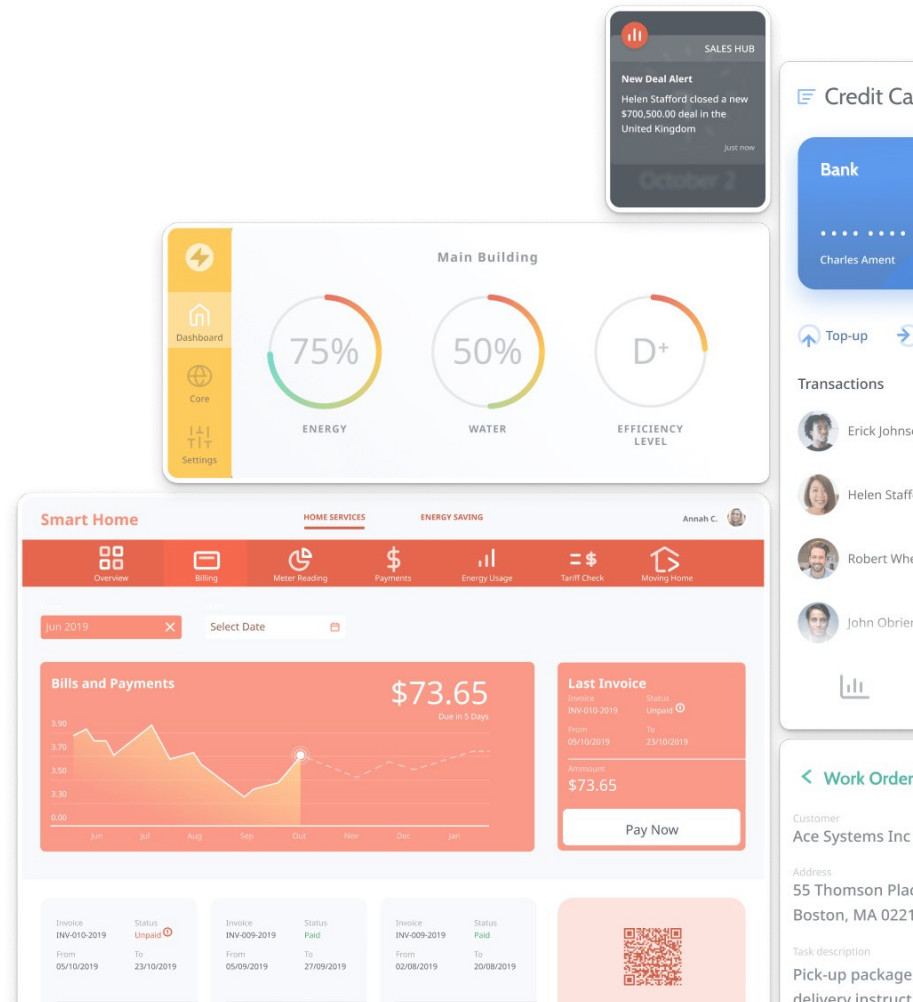




UI Development

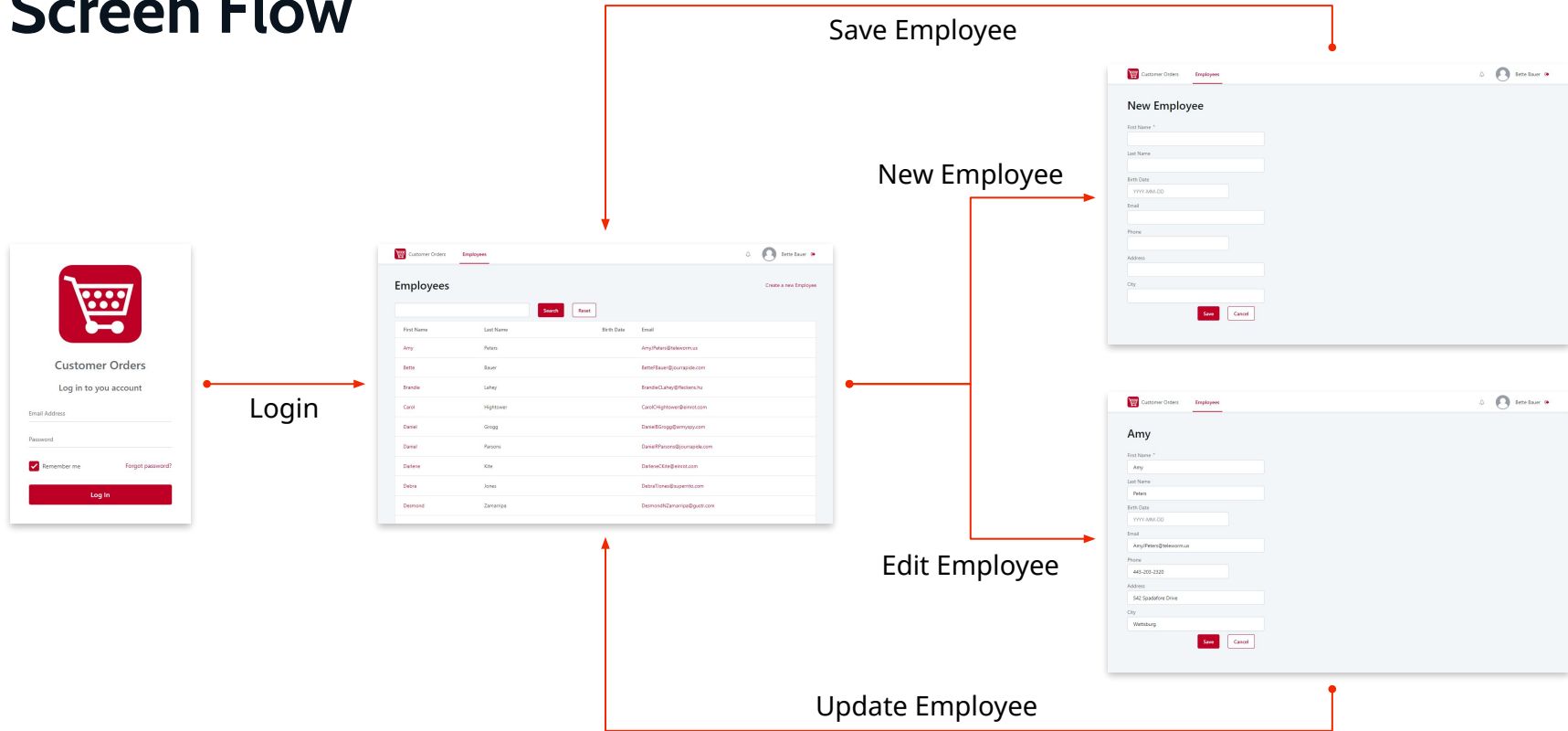
Reactive Developer Boot Camp



What you will learn here

- What is a Screen?
- Screen Templates
- Screen Widgets
- Screen Variables and Inputs
- Client-side Logic

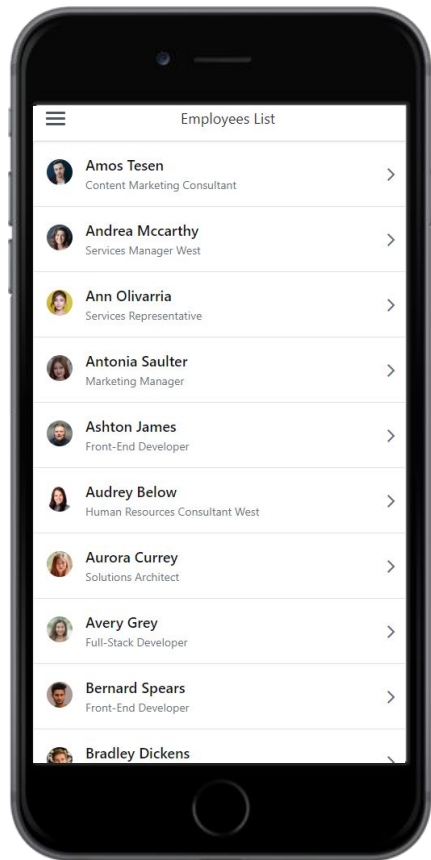
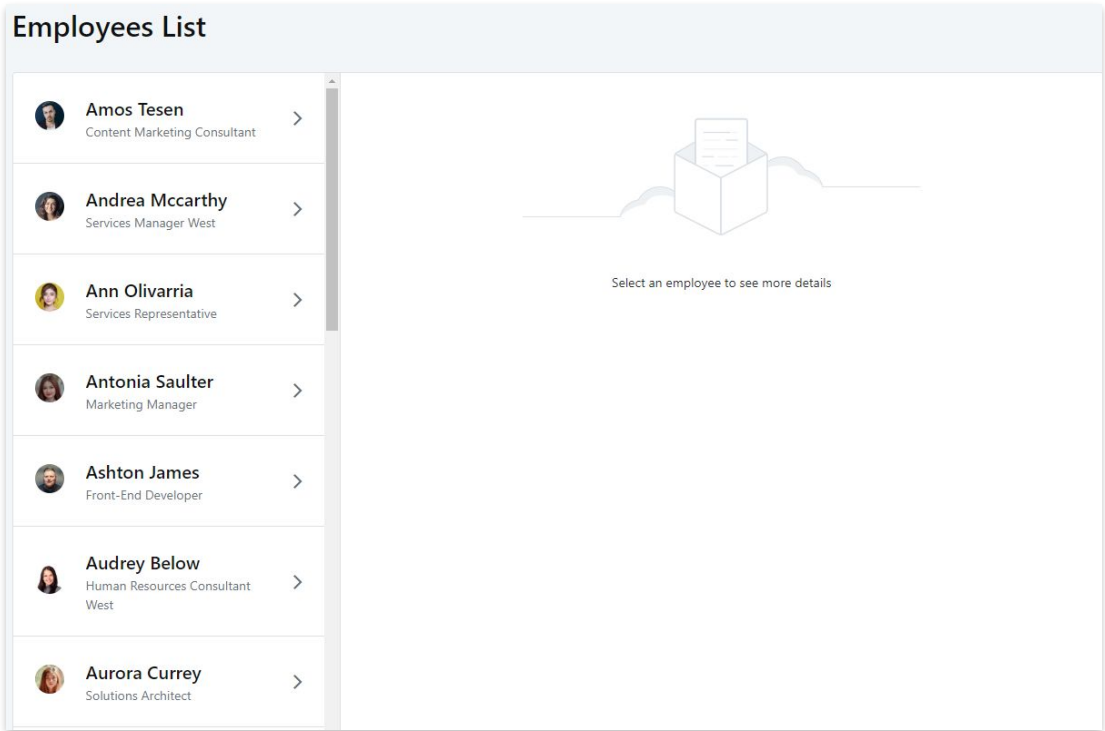
Screen Flow



What is a Screen?

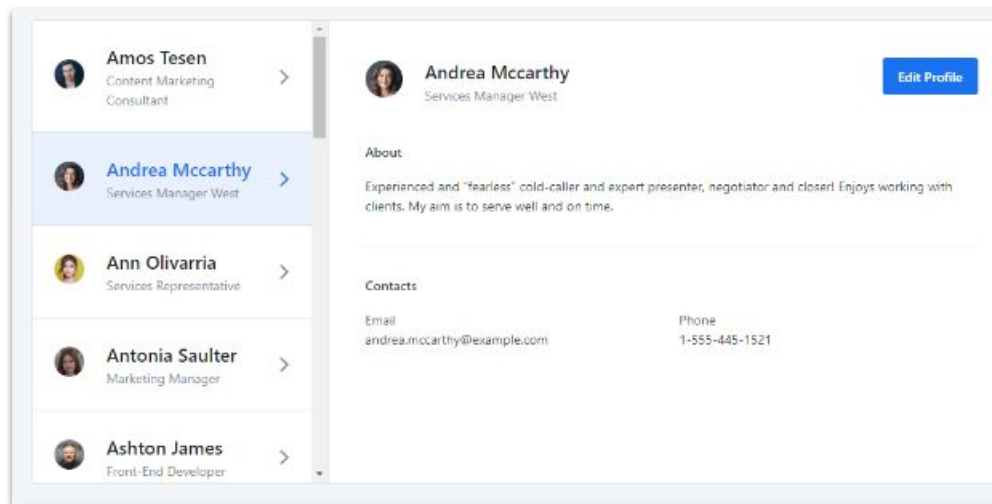
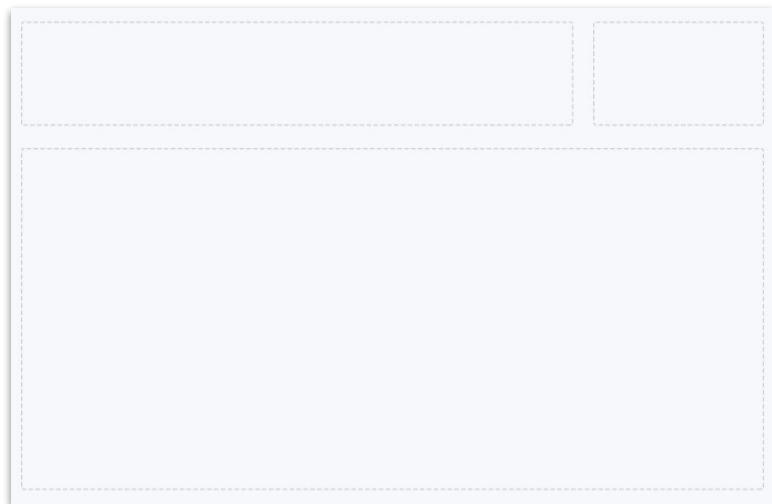
A **Screen** is a user interface element that contains other UI elements for users to interact with

Web and Mobile Screens



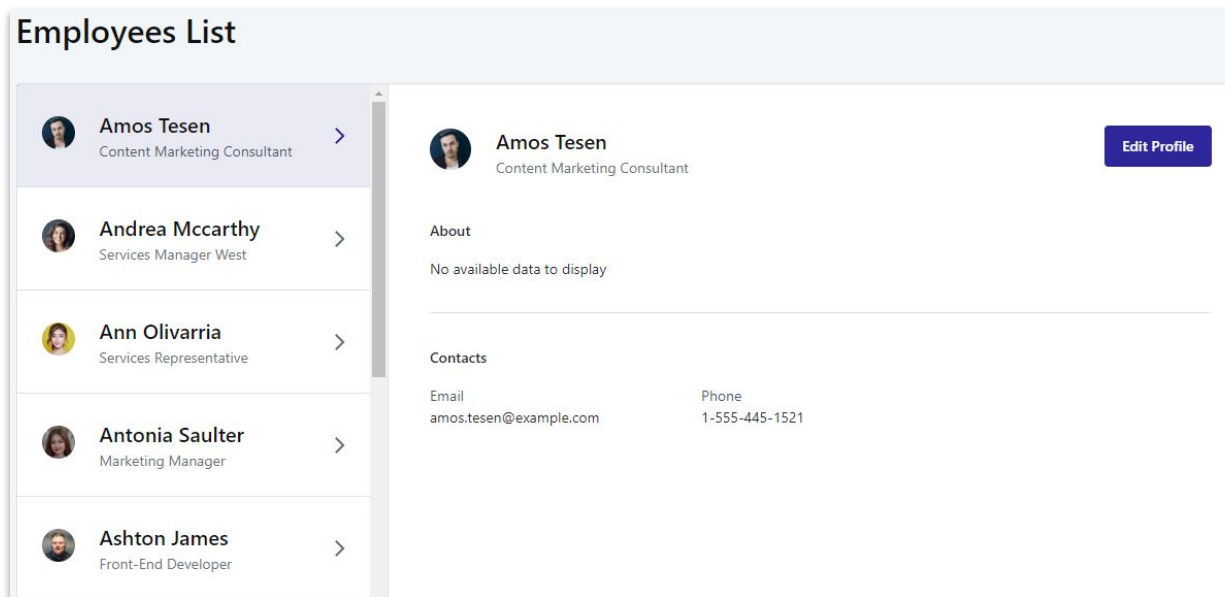
Screen Templates

Screens can start from an empty canvas or be based on a Template



Screen Widgets

Responsive components and UI patterns that address common application use cases and interactions



Screen Widgets

The screenshot displays a web application interface with two main sections. The left section, titled 'Employees List', contains a list of three employee entries. Each entry features a circular avatar with the initials 'JD', the name 'Andrea McCarthy', and the title 'Services Manager West'. The first entry is highlighted with a blue border. The right section shows a detailed profile for the selected employee, 'Andrea McCarthy'. It includes the same avatar and name, followed by an 'About' section with a text description: 'Experienced and "fearless" cold-caller and expert presenter, negotiator and closer! Enjoys working with clients. My aim is to serve well and on time.' Below this, it states 'No available data to display'. At the bottom, there is a 'Contacts' section with fields for 'Email' (andrea.mccarthy@observeverythin.g.example) and 'Phone' (+1-555-445-1521). Various widgets are labeled with blue boxes: 'abc Text' for the title, 'EmployeeList' for the list container, 'ContentUserAvatar' for the avatar, 'xy Expression' for the name and title, 'OK Button' for the 'Edit Profile' button, and another 'xy Expression' for the 'About' section header.

abc Text

Employees List

EmployeeList

ContentUserAvatar

xy Expression McCarthy Services Manager West

JD

JD

Andrea McCarthy Services Manager West

JD

Andrea McCarthy Services Manager West

OK Button

Edit Profile

JD

Andrea McCarthy Services Manager West

About

xy Expression

Experienced and "fearless" cold-caller and expert presenter, negotiator and closer! Enjoys working with clients. My aim is to serve well and on time.

No available data to display

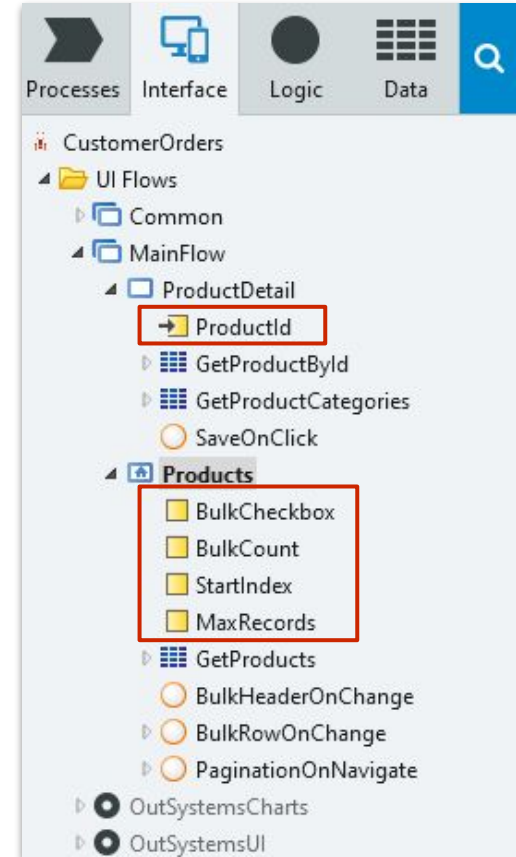
Contacts

Email andrea.mccarthy@observeverythin.g.example

Phone +1-555-445-1521

Screen Inputs and Variables

- What is displayed to the end-user can depend on data
- Some data can be passed to the Screen
 - Input Parameters
- Screens can also have Local Variables
 - Initialized in the scope of the Screen
- These inputs and local variables only exist in the scope of the Screen



Button / Link Destination

Notarum Grey

Product Name *

Description

Powerful and reliable, this 15" HD laptop will not let you down. 256GB SSD storage, latest gen.

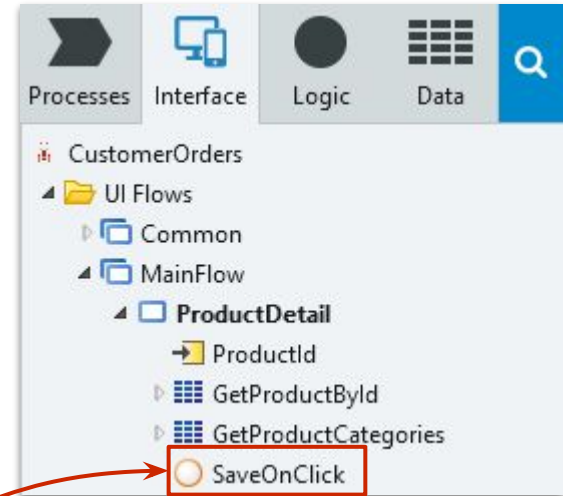
Price

Category

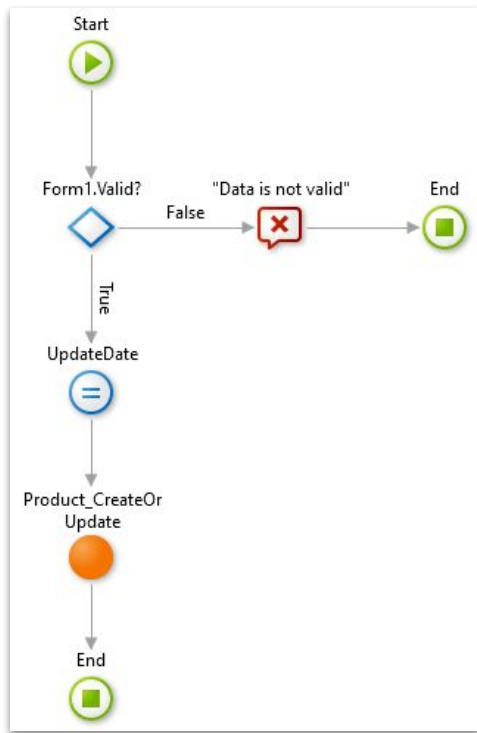
Laptops

Cancel ✕

Save ✓



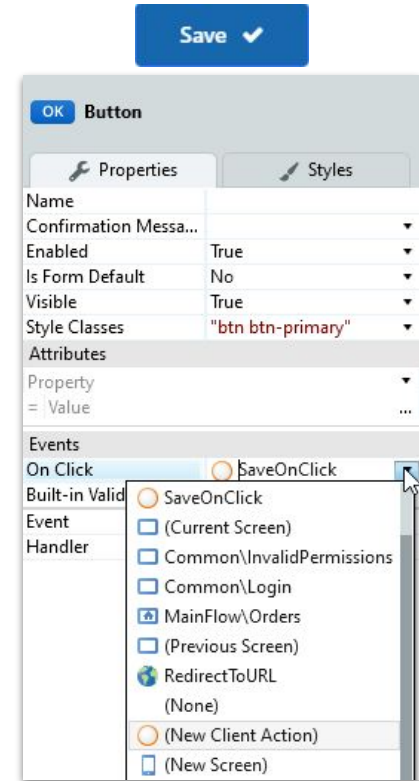
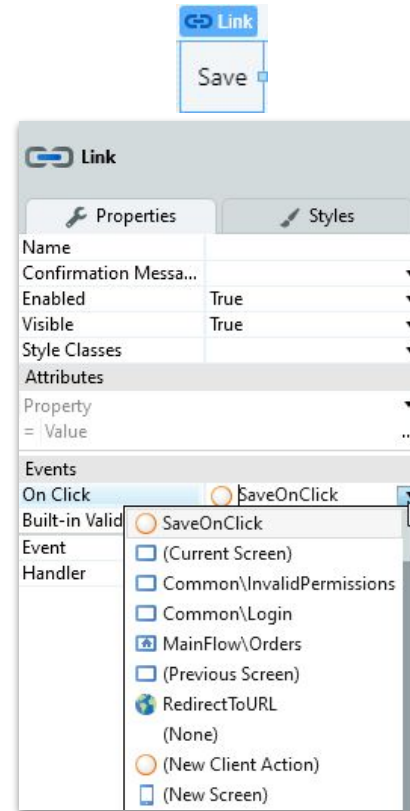
Client-side Logic



- Screen Actions run client-side logic in the scope of the Screen
 - Triggered within the Screen
- Client Actions
 - Visually modeled logic and data
 - Easy to call server-side logic
- UI elements immediately react to data changes

Links and Buttons

- Both widgets have On Click Destinations
 - Screen
 - (Screen) Client Action
 - External URL
 - Event
- The main difference between them is in the UI
 - A Link can enclose other widgets
 - i. Image, Text, Containers, ...



Questions?



Thank You!

