

Navegación entre pantallas

App.tsx (navegación principal)

```
import { NavigationContainer } from "@react-navigation/native";
import { createNativeStackNavigator } from "@react-
navigation/native-stack";

import HomeScreen from "./src/screens/HomeScreen";
import DetailScreen from "./src/screens/DetailScreen";
import UsersScreen from "./src/screens/UsersScreen";
import CameraScreen from "./src/screens/CameraScreen";
import { Product } from "./src/types/product";

export type RootStackParamList = {
  Home: undefined;
  Detail: { product: Product };
  Users: undefined;
  Camera: undefined;
};

const Stack =
  createNativeStackNavigator<RootStackParamList>();
```

```
export default function App() {  
  return (  
    <NavigationContainer>  
      <Stack.Navigator>  
        <Stack.Screen name="Home" component={HomeScreen} />  
        <Stack.Screen name="Detail" component={DetailScreen} />  
        <Stack.Screen name="Users" component={UsersScreen} />  
        <Stack.Screen name="Camera"  
          component={CameraScreen} />  
      </Stack.Navigator>  
    </NavigationContainer>  
  );  
}
```

2.HomeScreen (navegación con los botones)

```
import { View, Text, FlatList, TouchableOpacity, StyleSheet } from "react-native";
import ProductCard from "../components/ProductCard";
import { Product } from "../types/product";
import { NativeStackScreenProps } from "@react-navigation/native-stack";
import { RootStackParamList } from "../../App";
```

```
type Props = NativeStackScreenProps<RootStackParamList, "Home">;
```

```
const PRODUCTS: Product[] = [
  {
    id: "1",
    name: "Laptop",
    price: 15000,
    description: "Laptop versátil con gran rendimiento para clases, trabajo y multitarea."
  },
  {
    id: "2",
    name: "Mouse",
    price: 250,
```

```
        description: "Mouse ligero y preciso ideal para uso diario con diseño cómodo."
    },
{
    id: "3",
    name: "Audífonos",
    price: 500,
    description: "Audífonos con sonido claro y almohadillas cómodas para largos periodos."
},
];

```

```
export default function HomeScreen({ navigation }: Props) {
    return (
        <View style={styles.container}>
            <Text style={styles.title}>Productos</Text>

            <FlatList
                data={PRODUCTS}
                keyExtractor={(i) => i.id}
                renderItem={({ item }) => (
                    <ProductCard
                        item={item}
                        onPress={() => navigation.navigate("Detail", { product: item })}
                )}
            </FlatList>
        </View>
    );
}
```

```
    />
  )}

/>

<View style={styles.buttons}>
  <TouchableOpacity
    style={[styles.btn, { backgroundColor: "#4A90E2" }]}
    onPress={() => navigation.navigate("Users")}
  >
    <Text style={styles.btnText}>Ver usuarios (API)</Text>
  </TouchableOpacity>

  <TouchableOpacity
    style={[styles.btn, { backgroundColor: "#50C878" }]}
    onPress={() => navigation.navigate("Camera")}
  >
    <Text style={styles.btnText}>Abrir cámara</Text>
  </TouchableOpacity>
</View>
</View>
);

}
```

```
const styles = StyleSheet.create({  
  container: { flex: 1, paddingTop: 20, backgroundColor: "#fff" },  
  
  title: {  
    textAlign: "center",  
    fontSize: 26,  
    fontWeight: "bold",  
    marginBottom: 14,  
    color: "#333",  
  },  
  
  buttons: {  
    marginTop: 20,  
    paddingHorizontal: 20,  
    marginBottom: 30,  
  },  
  
  btn: {  
    paddingVertical: 14,  
    borderRadius: 12,  
    marginVertical: 8,  
    alignItems: "center",  
    shadowColor: "#000",  
  },
```

```
    shadowOffset: { width: 0, height: 4 },  
    shadowOpacity: 0.25,  
    shadowRadius: 4,  
    elevation: 5,  
,
```

```
btnText: {  
  color: "#fff",  
  fontSize: 18,  
  fontWeight: "bold",  
,  
});
```

Capturas

11:00



Home

Productos

Laptop

\$15000

Mouse

\$250

Audífonos

\$500

Ver usuarios (API)

Abrir cámara

11:00



[Home](#)

Detail

Laptop

\$15000

Laptop versátil con gran rendimiento para
clases, trabajo y multitarea.

11:00



[Home](#)

Detail

Mouse

\$250

Mouse ligero y preciso ideal para uso diario con diseño cómodo.

11:00



[Home](#)

Users

Usuarios desde API

Leanne Graham

Sincere@april.biz

Ervin Howell

Shanna@melissa.tv

Clementine Bauch

Nathan@yesenia.net

Patricia Lebsack

Julianne.OConner@kory.org

Chelsey Dietrich

Lucio_Hettinger@annie.ca

Mrs. Dennis Schulist

Karley_Dach@jasper.info

Kurtis Weissnat

Telly.Hoeger@billy.biz

Nicholas Runolfsdottir V

Sherwood@rosamond.me

Glenna Reichert

Chaim_McDermott@dana.io

Clementina DuBuc

11:00



Home

Camera

Cámara

[Tomar foto](#)

