

Week #2 React Native

Monday

Topics

- Intro to React
- React fundamentals
- Core Components
- Props
- Styling

Sum Up

On monday we started with a quick JS quiz to test our Javascript knowledge.

After that we started with our React Native Training. We learned about the fundamentals of react and did a couple of small projects. We also learned about flexbox and other style properties.

Tuesday

Topics

- Passing Props
- Implementing functions (props)
- useState
- Behavioral Questions

Sum Up

On tuesday we followed up on our react training learning new concepts and how to pass props.

We learned how to use the OnPress, OnClick, and other pressable properties to execute a functionality.

After the technical topics of the day we had a session of Behavioral questions with sadiq, we went back an forth, sadiq as the interviewer and us as interviewees and after each question he gave us feedback to improve our answers and our way to communicate them

Wednesday

Topics

- Intro to React Navigation
- Custom Component
- UseState

Sum Up

On Wednesday we learned how to implement React Navigation on our apps, previously we were navigating through the screens using use state.

We learned the fundamentals of react navigation and implemented simple navigation, also we started creating our own custom components and implementing them.

Thursday

Topics

- React Navigation Follow up
- useEffect
- Component Lifecycle
- Behavioral Questions
- Interview Analysis

Sum Up

On Thursday we showcased our react native navigation projects and learned a couple more features, we followed up with the hook useEffect. Sadiq explained to us how it worked and gave us a couple of examples and scenarios, also talking about the common use cases for it. Meanwhile learning about the component lifecycle.

After the technical training we went for another round of technical questions, following the previous scheme, sadiq as the interviewer and us as interviews.

After getting our feedback we also got a recording from sadiq and we were tasked with analyzing it and writing our notes on what thing to improve.

Friday

Topics

- useRef
- useNavigation overview

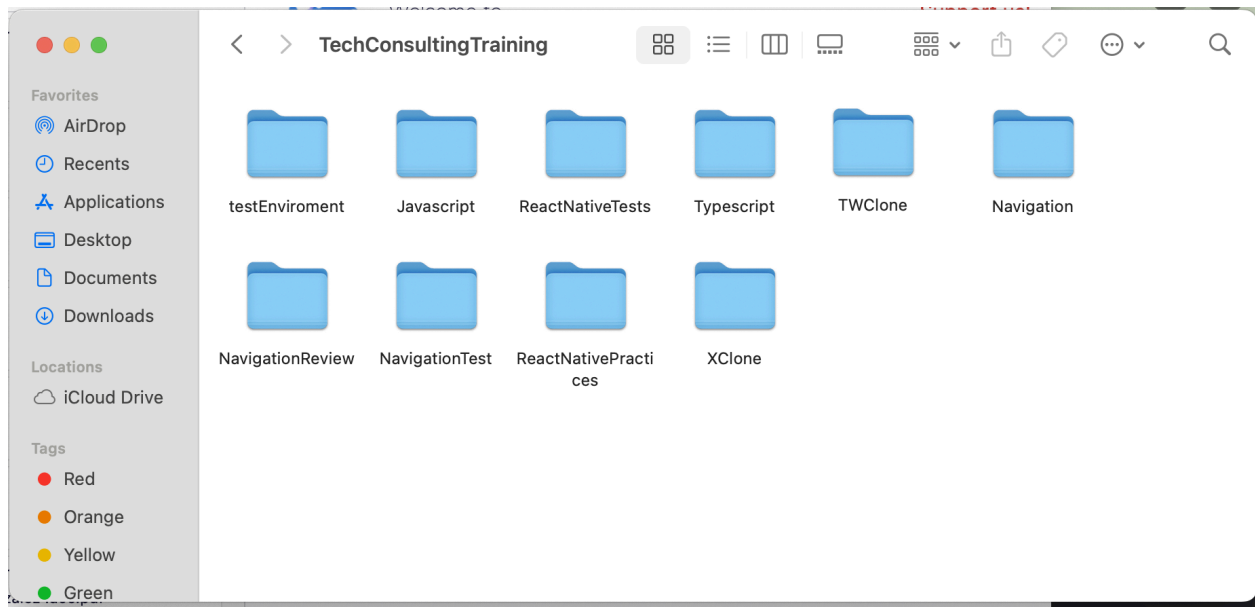
Sum Up

On friday we got to review different navigation implementations, we showcased our own projects and got feedback from saadiq.

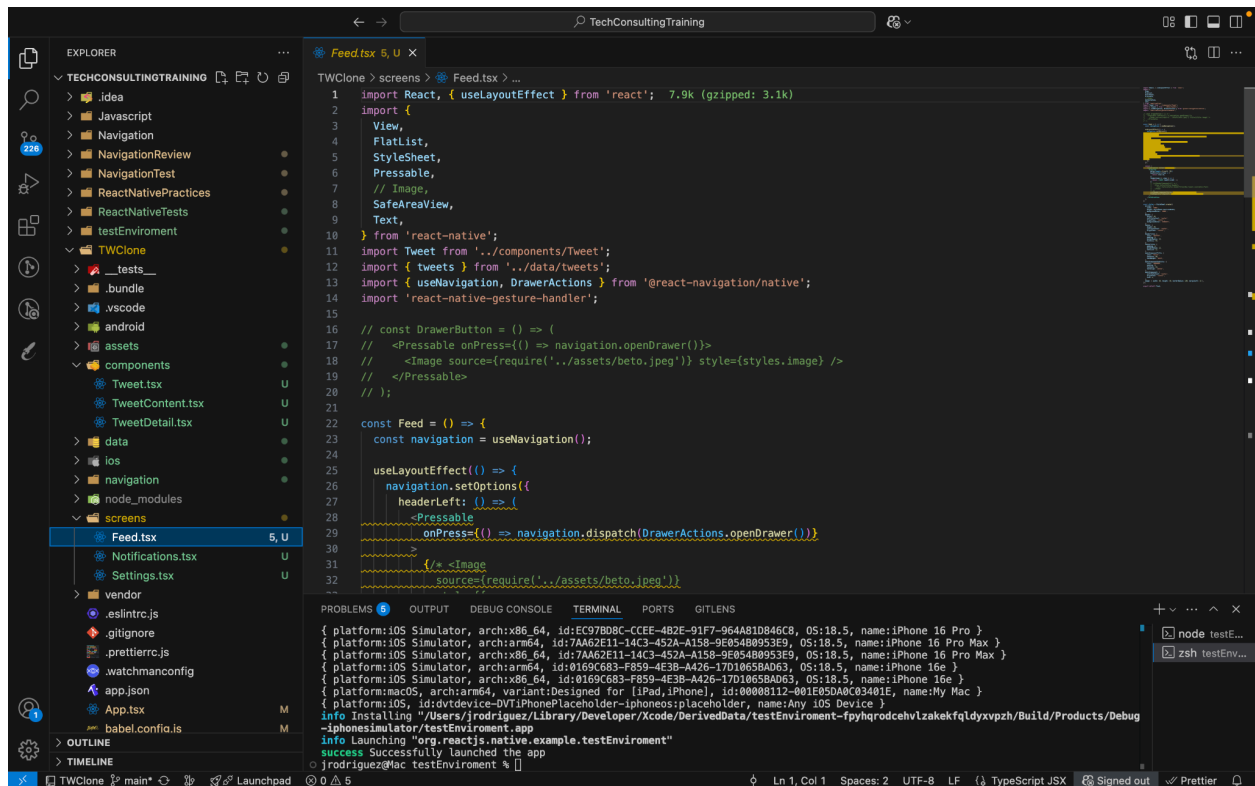
After that we got to learn about the useRef hook which is used to store a value that will be persistent between re renders

Relevant Screenshots

Project folders



Codes



The screenshot shows a VS Code editor interface for a React Native project named 'Feed.txs'. The file explorer on the left shows the project structure, including folders like 'components', 'data', 'navigation', and 'screens'. The code editor in the center displays the 'Feed.txs' file, which contains a React component for a feed. The terminal at the bottom shows the output of the 'react-native run-ios' command, indicating that the app was successfully launched on an iPhone 16 Pro simulator.

```
1 import React, { useEffect } from 'react';
2 import {
3   View,
4   FlatList,
5   StyleSheet,
6   Pressable,
7   // Image,
8   SafeAreaView,
9   Text,
10 } from 'react-native';
11 import Tweet from '../components/Tweet';
12 import { tweets } from '../data/tweets';
13 import { useNavigation, DrawerActions } from '@react-navigation/native';
14 import 'react-native-gesture-handler';
15
16 // const DrawerButton = () => {
17 //   <Pressable onPress={() => navigation.openDrawer()}>
18 //     <Image source={require('../assets/beto.jpeg')} style={styles.image} />
19 //   </Pressable>
20 // };
21
22 const Feed = () => {
23   const navigation = useNavigation();
24
25   useEffect(() => {
26     navigation.setOptions({
27       headerLeft: () => (
28         <Pressable
29           onPress={() => navigation.dispatch(DrawerActions.openDrawer())}
30         />
31       )
32     });
33   }, [navigation]);
34
35   return (
36     <SafeAreaView>
37       <FlatList
38         data={tweets}
39         renderItem={() => <Tweet />}
40       />
41     </SafeAreaView>
42   );
43 };
44
45 export default Feed;
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS

```
info Installing "/Users/jrodriguez/Library/Developer/Xcode/DerivedData/testEnvironment-fpyhrodcehlzakekfqlxyvzph/Build/Products/Debug-iphonesimulator/testEnvironment.app"
info Launching "org.reactjs.native.example.testEnvironment"
success Successfully launched the app
jrodriguez@Mac testEnvironment %
```

Applications Screenshots

