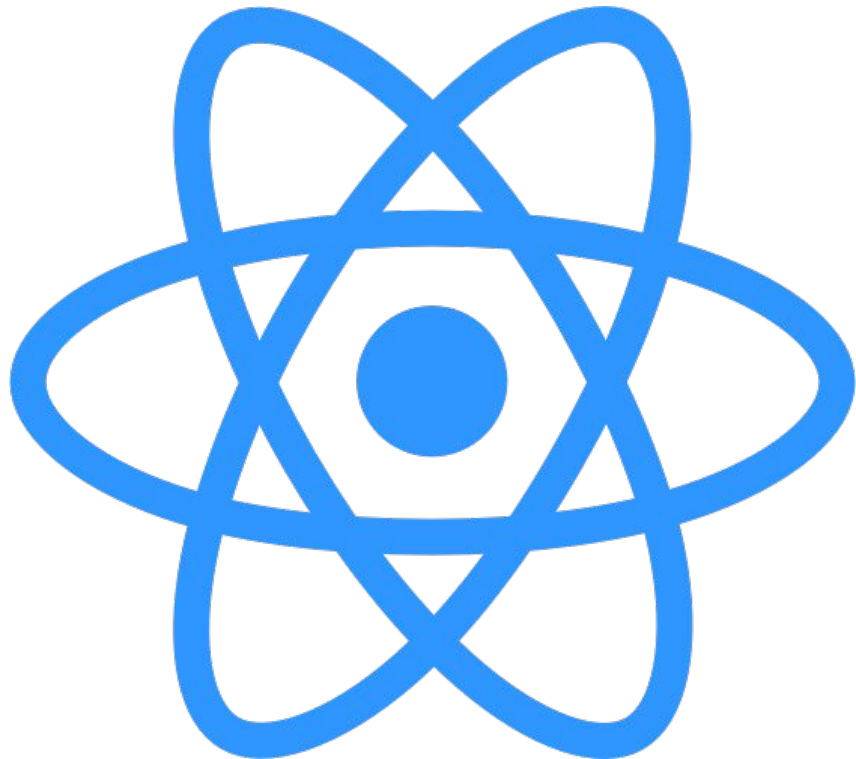


React Native

Workflow

Litt om React Native



-Mobil rammeverk

-Flere plattformer

-Brukeropplevelse

-Kryssplattform

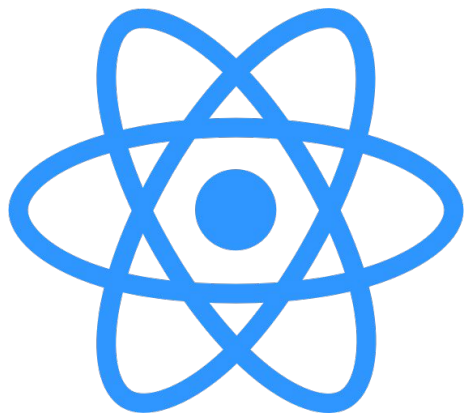
-Rask oppdatering

-Facebook

Workflow

React native

- JS
- “CSS”/JSX
- Støtter ikke alle native API’er
- En app på flere plattformer
- “Hot reloading ”



Android Studio

- Java eller Kotlin
- Layout
- Støtter alle native API’er
- Bare Android apper
- Må installere på nytt



Litt om Expo

- Universell native app
- Expo SDK
 - Hello world tar 25 MB

Expo vs React native

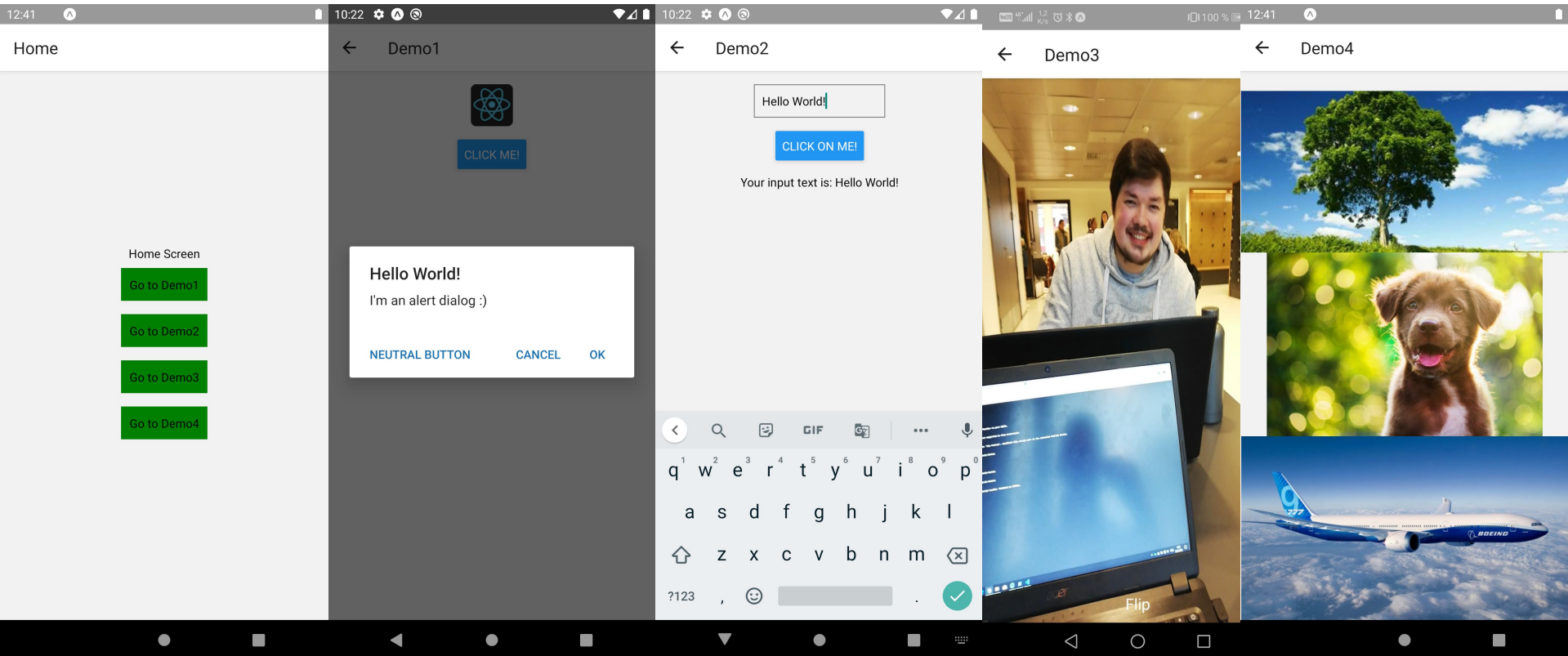
React native:

1. Mulighet til å skrive native kode i Java/Swift
2. Kontroll over bygging av apk
3. Trenger Android Studio/Xcode på å kjøre prosjektene
4. Kan ikke kjøre ios på windows pc

Expo:

1. Deler appen via QR kode/lenke
2. Nytt prosjekt er satt opp på få minutt
3. Kan ikke skrive native kode
4. Kan ikke bruke biblioteker som bruker native kode (Java/Kotlin og Objective C/Swift)

Demo



Sammenligning av Layout

```
function HomeScreen({ navigation }) {  
  return (  
    <View  
      style={{  
        flex: 1,  
        alignItems: "center",  
        justifyContent: "center"  
      }}  
    >  
      <Text>Home Screen</Text>  
      <TouchableOpacity  
        style={styles.button}  
        onPress={() => navigation.navigate("Demo1")}  
      >  
        <Text>Go to Demo1</Text>  
      </TouchableOpacity>  
      <TouchableOpacity  
        style={styles.button}  
        onPress={() => navigation.navigate("Demo2")}  
      >  
        <Text>Go to Demo2</Text>  
      </TouchableOpacity>  
      <TouchableOpacity  
        style={styles.button}  
        onPress={() => navigation.navigate("Demo3")}  
      >  
        <Text>Go to Demo3</Text>  
      </TouchableOpacity>  
    </View>  
  );  
}
```

```
<TextView  
  android:id="@+id/databaseTextView"  
  android:layout_width="wrap_content"  
  android:layout_height="wrap_content"  
  android:text="Downloading database!" />  
  
<Button  
  android:id="@+id/databaseButton"  
  android:visibility="gone"  
  android:layout_width="wrap_content"  
  android:layout_height="wrap_content"  
  android:onClick="onclickData"  
  android:text="DATABASE" />  
  
<Button  
  android:id="@+id/quizButton"  
  android:visibility="gone"  
  android:layout_width="wrap_content"  
  android:layout_height="wrap_content"  
  android:onClick="onclickQuiz"  
  android:text="QUIZ" />  
  
<Button  
  android:id="@+id/addButton"  
  android:visibility="gone"  
  android:layout_width="wrap_content"  
  android:layout_height="wrap_content"  
  android:onClick="onclickAdd"  
  android:text="ADD" />
```

Links

<https://facebook.github.io/react-native/>

<https://digio.com.au/react-native-thoughts-from-a-web-developer/react-native-logo/>

https://commons.wikimedia.org/wiki/File:Android_Studio_icon.svg

<https://www.varvet.com/blog/react-native-vs-native-in-mobile-app-development/>

<https://medium.com/@harisbaig100/common-dilemma-of-using-expo-vs-vanilla-react-native-being-solved-6d6d649d7ad1>

<https://docs.expo.io/versions/v36.0.0/>