**LAB+THEORY ASSIGNMENT 3**

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**SUBJECT: MAD**

**APP.JS**

import \* as React from 'react';

import { NavigationContainer } from '@react-navigation/native';

import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';

import Ionicons from '@expo/vector-icons/Ionicons';

// Screens

import Home from './screens/Home';

import Setting from './screens/Setting';

import Person from './screens/Profile';

//Screen names

const homeName = "Home";

const detailsName = "Profile";

const settingsName = "Setting";

const Tab = createBottomTabNavigator();

function MainContainer() {

return (

<NavigationContainer>

<Tab.Navigator

initialRouteName={homeName}

tabBarOptions={{

activeTintColor: 'tomato',

inactiveTintColor: 'grey',

labelStyle: { paddingBottom: 10, fontSize: 10 },

style: { padding: 10, height: 70}

}}>

<Tab.Screen name={homeName} component={Home}

options={{

tabBarIcon : ({size,focused})=>(

<Ionicons name='home' size={size} color ={focused ? 'tomato' : '#ccc'} />

)

}} />

<Tab.Screen name={detailsName} component={Person}

options={{

tabBarIcon : ({size,focused})=>(

<Ionicons name='person' size={size} color ={focused ? 'tomato' : '#ccc'} />

)

}}/>

<Tab.Screen name={settingsName} component={Setting}

options={{

tabBarIcon : ({size,focused})=>(

<Ionicons name='settings' size={size} color ={focused ? 'tomato' : '#ccc'} />

)

}}/>

</Tab.Navigator>

</NavigationContainer>

);

}

export default MainContainer;

**HOME.JS**

import \* as React from 'react';

import {useState} from 'react';

import { View, Text ,StyleSheet,TextInput,TouchableOpacity} from 'react-native';

export default function DetailsScreen({ navigation }) {

const [userName, setUserName] = useState('');

return (

<View style={{ flex: 1, alignItems: 'center' }}>

<TextInput style={styles.input1}

editable={true}

value={userName}

onChangeText={(username) => setUserName(username)}

multiline={false}

placeholder="Enter Your Name"

placeholderTextColor="black"

maxLength={200}

/>

<TouchableOpacity

onPress={() =>

{ if(userName==''){

alert("Name is Required")

return;

}

navigation.navigate('Profile', {

paramKey: userName,

})

setUserName('')

}

}

>

<Text style={styles.Button}>Submit</Text>

</TouchableOpacity>

</View>

);

}

const styles = StyleSheet.create({

input1: {

width: 350,

height: 45,

fontSize:16,

marginTop:250,

paddingStart:20,

borderColor: "#ff7700",

alignItems: "center",

borderWidth: 1,

alignSelf:'center',

borderRadius: 10,

},

Button: {

fontSize: 15,

width: 150,

color: "white",

marginTop:40,

marginBottom:10,

borderRadius: 10,

backgroundColor: "#ff7700",

textAlign: "center",

alignSelf:'center',

fontWeight: "bold",

alignItems: "center",

lineHeight: 40,

},

})

**Profile.js**

import \* as React from 'react';

import { View, Text,StyleSheet,SafeAreaView } from 'react-native';

const ProfileScreen = ({route}) => {

return (

<SafeAreaView style={{flex: 1}}>

<View style={styles.container}>

<Text style={{ fontSize: 30, fontWeight: 'bold',marginTop:200 }}>

Your Name is Below

</Text>

<Text style={{ fontSize: 26, fontWeight: 'bold',marginTop:25 }}>

{route.params.paramKey}

</Text>

</View>

</SafeAreaView>

);

};

export default ProfileScreen;

const styles = StyleSheet.create({

container: {

flex: 1,

alignItems: 'center',

padding: 20,

},

heading: {

fontSize: 25,

textAlign: 'center',

marginVertical: 10,

},

textStyle: {

textAlign: 'center',

fontSize: 16,

marginVertical: 10,

},

});

**Setting.js**

import \* as React from 'react';

import {useState} from 'react';

import { View, Text,useColorScheme,Appearance,StyleSheet } from 'react-native';

import RadioButtonGroup, { RadioButtonItem } from "expo-radio-button";

export default function SettingScreen({ navigation }) {

const [current, setCurrent] = useState("test");

const themetextstyle=current==='test' ? styles.lightThemeText : styles.darkThemeText;

const themeContainerStyle=

current === 'test' ? styles.lightContainer : styles.darkContainer;

return (

<View style={[styles.container,themeContainerStyle]}>

<View style={{flexDirection:'row'}}>

<View style={{flexDirection:'row'}}>

<RadioButtonGroup

containerStyle={{ marginBottom: 10 }}

selected={current}

onSelected={(value) =>{

setCurrent(value)

console.log(current)

}

}

radioBackground="green"

>

<RadioButtonItem

value="test"

label=""

/>

<View style={{marginTop:20}}></View>

<RadioButtonItem

value="test2"

label=''

/>

</RadioButtonGroup>

</View>

<View style={{flexDirection:'column'}}>

<View style={{marginTop:-2}}></View>

<View style={{flexDirection:'column'}}><Text style={[styles.text,themetextstyle]}>Light Mode</Text></View>

<View style={{marginTop:18}}></View>

<View style={{flexDirection:'column'}}><Text style={[styles.text,themetextstyle]}>Dark Mode</Text></View></View>

</View>

</View>

);

}

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent:'center',

alignItems: 'center',

},

lightContainer: {

backgroundColor: 'white',

},

darkContainer: {

backgroundColor: '#242c40',

},

lightThemeText: {

color: '#242c40',

fontSize:20,

marginLeft:20

},

darkThemeText: {

color: 'white',

fontSize:20,

marginLeft:20

},

});