Login Screen Coding

import React, { useState } from 'react';

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

function LoginScreen({ navigation }) {

const [username, setUsername] = useState('');

const [password, setPassword] = useState('');

const handleLogin = () => {

if (username === 'admin' && password === 'password') {

Alert.alert('Login Success', 'Welcome to Empowering the Nation');

navigation.navigate('Home');

} else {

Alert.alert('Login Failed', 'Incorrect username or password');

}

};

return (

<View style={styles.container}>

<Text style={styles.title}>Login</Text>

<TextInput

style={styles.input}

placeholder="Username"

value={username}

onChangeText={setUsername}

/>

<TextInput

style={styles.input}

placeholder="Password"

secureTextEntry

value={password}

onChangeText={setPassword}

/>

<Button title="Login" onPress={handleLogin} />

</View>

);

}

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

padding: 16,

},

title: {

fontSize: 24,

marginBottom: 20,

},

input: {

height: 40,

borderColor: '#ccc',

borderWidth: 1,

marginBottom: 20,

paddingHorizontal: 10,

},

});

export default LoginScreen;

WireFrame Coding

import React from 'react';

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

function WireframeScreen({ route }) {

const { image } = route.params; // Get the image name passed from the HomeScreen

const imageSource = require(`../assets/${image}`);

return (

<View style={styles.container}>

<Image source={imageSource} style={styles.wireframeImage} />

</View>

);

}

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

},

wireframeImage: {

width: 300,

height: 500,

resizeMode: 'contain',

},

});

export default WireframeScreen;

Homescreen Coding

import React from 'react';

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

import { StackNavigationProp } from '@react-navigation/stack';

import { RootStackParamList } from '../App';

type HomeScreenNavigationProp = StackNavigationProp<RootStackParamList, 'Home'>;

type Props = {

navigation: HomeScreenNavigationProp;

};

const HomeScreen: React.FC<Props> = ({ navigation }) => {

return (

<View style={styles.container}>

<Text style={styles.title}>Welcome to Empowering the Nation</Text>

<Button title="Go to About Us" onPress={() => navigation.navigate('AboutUs')} />

<Button title="Go to Contact Us" onPress={() => navigation.navigate('ContactUs')} />

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

padding: 16,

},

title: {

fontSize: 24,

fontWeight: 'bold',

marginBottom: 16,

},

});

export default HomeScreen;

Contact Us Coding

// screens/ContactUsScreen.tsx

import React from 'react';

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

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

const ContactUsScreen: React.FC = () => {

const navigation = useNavigation();

const handlePhoneCall = () => {

Linking.openURL('tel:+27123456789'); // Example phone number

};

const handleEmail = () => {

[Linking.openURL('mailto:info@empoweringthenation.org](mailto:Linking.openURL('mailto:info@empoweringthenation.org)');

};

return (

<View style={styles.container}>

<Text style={styles.title}>Contact Us</Text>

<Text style={styles.description}>Get in touch with us through the following options:</Text>

<Button title="Call Us" onPress={handlePhoneCall} />

<Button title="Email Us" onPress={handleEmail} />

<Text style={styles.info}>Phone: +27 12 345 6789</Text>

<Text style={styles.info}>Email: info@empoweringthenation.org</Text>

<View style={styles.buttonContainer}>

<Button title="Home" onPress={() => navigation.navigate('Home')} />

<Button title="About Us" onPress={() => navigation.navigate('AboutUs')} />

</View>

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

padding: 16,

},

title: {

fontSize: 24,

fontWeight: 'bold',

marginBottom: 16,

},

description: {

fontSize: 16,

textAlign: 'center',

marginBottom: 16,

},

info: {

fontSize: 16,

marginTop: 8,

},

buttonContainer: {

marginTop: 20,

width: '100%',

paddingHorizontal: 20,

},

});

export default ContactUsScreen;

About US Coding

// screens/AboutUsScreen.tsx

import React from 'react';

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

import { StackNavigationProp } from '@react-navigation/stack';

import { RootStackParamList } from '../App';

type AboutUsScreenNavigationProp = StackNavigationProp<RootStackParamList, 'AboutUs'>;

type Props = {

navigation: AboutUsScreenNavigationProp;

};

const AboutUsScreen: React.FC<Props> = ({ navigation }) => {

return (

<View style={styles.container}>

<Text style={styles.title}>About Empowering the Nation</Text>

<Text style={styles.description}>

Empowering the Nation is committed to providing high-quality education through a variety of courses aimed at improving life skills and professional development. Our programs are designed to offer practical knowledge that helps individuals enhance their personal and professional lives.

</Text>

{/\* Button to go back to Home Screen \*/}

<Button

title="Go to Home"

onPress={() => navigation.navigate('Home')}

/>

{/\* Button to navigate to Contact Us Screen \*/}

<Button

title="Go to Contact Us"

onPress={() => navigation.navigate('ContactUs')}

style={styles.contactButton}

/>

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

padding: 16,

},

title: {

fontSize: 24,

fontWeight: 'bold',

marginBottom: 16,

},

description: {

fontSize: 16,

textAlign: 'center',

marginBottom: 24,

},

contactButton: {

marginTop: 16,

},

});

export default AboutUsScreen;

App.tsx Coding

import React from 'react';

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

import { createStackNavigator } from '@react-navigation/stack';

// Import your screens

import LoginScreen from './screens/LoginScreen';

import HomeScreen from './screens/HomeScreen';

import WireframeScreen from './screens/WireframeScreen';

import AboutUsScreen from './screens/AboutUsScreen';

import ContactUsScreen from './screens/ContactUsScreen';

export type RootStackParamList = {

Login: undefined;

Home: undefined;

Wireframe: undefined;

AboutUs: undefined;

ContactUs: undefined;

};

const Stack = createStackNavigator<RootStackParamList>();

function App(): React.ReactElement {

return (

<NavigationContainer>

<Stack.Navigator initialRouteName="Login">

<Stack.Screen name="Login" component={LoginScreen} />

<Stack.Screen name="Home" component={HomeScreen} />

<Stack.Screen name="Wireframe" component={WireframeScreen} />

<Stack.Screen name="AboutUs" component={AboutUsScreen} />

<Stack.Screen name="ContactUs" component={ContactUsScreen} />

</Stack.Navigator>

</NavigationContainer>

);

}

export default App;