**React Native Bottom Navigation – Example using React Navigation V5**

1.For the Bottom Navigator install

**npm** **install** @**react**-**navigation**/**bottom**-**tabs** –save

2. We are going to use MaterialCommunityIcons to show the menu icons from react-native-vector-icons/MaterialCommunityIcons. To install react-native-vector-icons

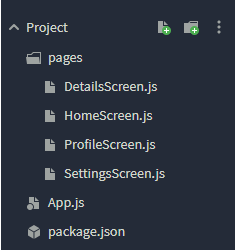
npm **install** react-**native**-vector-icons --save

**Linking of Dependency (**We need to link react-native-vector-icons library)

react-**native** link react-**native**-vector-icons

## Project File Structure

To start with this Example you need to create a directory named pages in your project and create four files DetailsScreen.js, HomeScreen.js, ProfileScreen.js, and SettingScreen.js in it.



## Code to Create ****React Native Bottom Navigation****

### App.js

// React Native Bottom Navigation - Example using React Navigation V5 //

// https://aboutreact.com/react-native-bottom-navigation //

import 'react-native-gesture-handler';

import \* as React from 'react';

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

import MaterialCommunityIcons from 'react-native-vector-icons/MaterialCommunityIcons';

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

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

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

import HomeScreen from './pages/HomeScreen';

import DetailsScreen from './pages/DetailsScreen';

import ProfileScreen from './pages/ProfileScreen';

import SettingsScreen from './pages/SettingsScreen';

const Stack = createStackNavigator();

const Tab = createBottomTabNavigator();

function HomeStack() {

  return (

    <Stack.Navigator

      initialRouteName="Home"

      screenOptions={{

        headerStyle: { backgroundColor: '#42f44b' },

        headerTintColor: '#fff',

        headerTitleStyle: { fontWeight: 'bold' }

      }}>

      <Stack.Screen name="Home" component={HomeScreen} options={{ title: 'Home Page' }} />

      <Stack.Screen name="Details" component={DetailsScreen} options={{ title: 'Details Page' }} />

    </Stack.Navigator>

  );

}

function SettingsStack() {

  return (

    <Stack.Navigator

      initialRouteName="Settings"

      screenOptions={{

        headerStyle: { backgroundColor: '#42f44b' },

        headerTintColor: '#fff',

        headerTitleStyle: { fontWeight: 'bold' }

      }}>

      <Stack.Screen name="Settings" component={SettingsScreen} options={{ title: 'Setting Page' }} />

      <Stack.Screen name="Details" component={DetailsScreen} options={{ title: 'Details Page' }} />

      <Stack.Screen name="Profile" component={ProfileScreen} options={{ title: 'Profile Page' }} />

    </Stack.Navigator>

  );

}

function App() {

  return (

    <NavigationContainer>

      <Tab.Navigator

        initialRouteName="Feed"

        tabBarOptions={{

          activeTintColor: '#42f44b',

        }}>

        <Tab.Screen

          name="HomeStack"

          component={HomeStack}

          options={{

            tabBarLabel: 'Home',

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

              <MaterialCommunityIcons name="home" color={color} size={size} />

            ),

          }} />

        <Tab.Screen

          name="SettingsStack"

          component={SettingsStack}

          options={{

            tabBarLabel: 'Settings',

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

              <MaterialCommunityIcons name="settings" color={color} size={size} />

            ),

          }} />

      </Tab.Navigator>

    </NavigationContainer>

  );

}

export default App;

### HomeScreen.js