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App.js

```
1  import { StatusBar } from 'expo-status-bar';
2  import { StyleSheet, Text, View } from 'react-native';
3  import { NavigationContainer } from '@react-navigation/native';
4  import { createStackNavigator } from '@react-navigation/stack';
5  import Welcome from './page/welcome.js';
6  import Home from './page/project_list.js';
7  import Penghitung from './page/minggu3.js';
8  import DataDiri from './page/minggu4.js';
9  import Profil from './page/minggu5.js';
10
11  const Stack = createStackNavigator();
12
13  const App = () => {
14    return (
15      <NavigationContainer>
16        <Stack.Navigator screenOptions={{ headerShown: false }}>
17          <Stack.Screen name="Welcome" component={Welcome} />
18          <Stack.Screen name="Home" component={Home} />
19          <Stack.Screen name="Profil" component={Profil} />
20          <Stack.Screen name="Penghitung" component={Penghitung} />
21          <Stack.Screen name="DataDiri" component={DataDiri} />
22        </Stack.Navigator>
23      </NavigationContainer>
24    );
25  };
26
27  export default App;
```

1-9 mengimport untuk melink kan atau menavigasikan setiap halaman

11 fungsi stack

13-25 fungsi app untuk menavigasikan halaman

27 untuk mengexport app

Package.json

```
1  {
2    "dependencies": {
3      "react-native-paper": "4.9.2",
4      "@expo/vector-icons": "^13.0.0",
5      "expo-constants": "~13.2.4",
6      "expo-status-bar": "~1.4.0",
7      "native-base": "*",
8      "@types/react": "*",
9      "react-native-svg": "12.3.0",
10     "@types/react-native": "*",
11     "react-native-screens": "~3.15.0",
12     "@react-navigation/stack": "*",
13     "@react-navigation/native": "*",
14     "react-native-gesture-handler": "~2.5.0",
15     "react-native-table-component": "*",
16     "@expo-google-fonts/montserrat": "*",
17     "react-native-safe-area-context": "4.3.1"
18   }
19 }
```

1-19 untuk memanggil library dependencies sekaligus versinya

AssetExemple.js

```
1  import * as React from 'react';
2  import { Text, View, StyleSheet, Image } from 'react-native';
3
4  export default function AssetExample() {
5    return (
6      <View style={styles.container}>
7        <Text style={styles.paragraph}>
8          Local files and assets can be imported by dragging and dropping them into the
9        </Text>
10       <Image style={styles.logo} source={require('../assets/snack-icon.png')} />
11     </View>
12   );
13 }
14
15 const styles = StyleSheet.create({
16   container: {
17     alignItems: 'center',
18     justifyContent: 'center',
19     padding: 24,
20   },
21   paragraph: {
22     margin: 24,
23     marginTop: 0,
24     fontSize: 14,
25     fontWeight: 'bold',
26     textAlign: 'center',
27   },
28   logo: {
29     height: 128,
30     width: 128,
31   }
32 });
```

1-2 mengimport react dan mengimport text, stylesheet,image dan view

4-13 export fungsi default

15-32 menstyling tampilan

Project_list.js

```
1  import { StatusBar } from 'expo-status-bar';
2  import {
3    Pressable,
4    View,
5    StyleSheet,
6    Image,
7    Alert,
8    ScrollView,
9  } from 'react-native';
10 import {
11   Box,
12   Stack,
13   Text,
14   Container,
15   Heading,
16   Center,
17   NativeBaseProvider,
18   extendTheme,
19 } from 'native-base';
20 import { SafeAreaView } from 'react-native-safe-area-context';
21
22 const Home = ({ navigation }) => {
23   const theme = extendTheme({
24     fontConfig: {
25       Roboto: {
26         100: {
27           normal: 'Montserrat-Light',
28           italic: 'Montserrat-LightItalic',
29         },

```

```
30 200: {
31    normal: 'Montserrat-Light',
32    italic: 'Montserrat-LightItalic',
33  },
34 300: {
35    normal: 'Montserrat-Light',
36    italic: 'Montserrat-LightItalic',
37  },
38 400: {
39    normal: 'Montserrat-Regular',
40    italic: 'Montserrat-Italic',
41  },
42 500: {
43    normal: 'Montserrat-Medium',
44  },
45 600: {
46    normal: 'Montserrat-Medium',
47    italic: 'Montserrat-MediumItalic',
48  },
49 700: {
50    normal: 'Montserrat-Bold',
51  },
52 800: {
53    normal: 'Montserrat-Bold',
54    italic: 'Montserrat-BoldItalic',
55  },
56 900: {
57    normal: 'Montserrat-Bold',
```

```

58         italic: 'Montserrat-BoldItalic',
59     },
60 },
61 },
62 // Make sure values below matches any of the keys in `fontConfig`
63 fonts: {
64     heading: 'Montserrat',
65     body: 'Montserrat',
66     mono: 'Montserrat',
67     customFont: 'Montserrat',
68 },
69 });
70 return (
71     <SafeAreaView>
72     <View style={styles.container}>
73     <View style={styles.main}>
74     <NativeBaseProvider>
75     <View style={styles.header}>
76     <View>
77     <Pressable
78     onPress={() =>
79     navigation.navigate('Welcome', { name: 'Halaman Welcome' })
80     }>
81     <Image
82     style={styles.gambar}
83     source={require('../assets/image/Vector.png')}
84     />

```

```
85     </Pressable>
86   </View>
87   <View>
88     <Text fontFamily="body" fontWeight="600" fontSize="24">
89       Home Panel
90     </Text>
91   </View>
92   <View>
93     <Pressable
94       onPress={() =>
95         navigation.navigate('Profil', { name: 'Profil' })
96       }>
97       <Image
98         style={styles.gambar}
99         source={require('../assets/image/iconoir_profile-circled.png')}
100       />
101     </Pressable>
102   </View>
103 </View>
104
105 <ScrollView>
106   <Heading
107     ml="10"
108     mt="5"
109     mb="5"
110     fontFamily="body"
```

```

111     fontWeight="600"
112     fontSize="26">
113     To Do Today
114 </Heading>
115 {/ * praktikum sekarang */}
116 <Center>
117     <Container>
118         <Pressable
119             onPress={() =>
120                 Alert.alert('Anda Menekan Praktikum Minggu 5')
121             }
122             rounded="8"
123             overflow="hidden"
124             maxW="100">
125             <Image source={require('../assets/image/navigation.png')} />
126             <View style={styles.box}>
127                 <Stack space={2}>
128                     <Heading
129                         fontFamily="body"
130                         fontSize="24"
131                         fontWeight="600"
132                         color="white">
133                         Tentang Navigasi
134                     </Heading>
135                 </Stack>
136                 <Text
137                     fontFamily="body"
138                     fontSize="18"

```



```

139         fontWeight="400"
140         color="white">
141         Pengantar Praktikum Minggu 5
142     </Text>
143 </View>
144 </Pressable>
145 </Container>
146 </Center>
147 <Heading
148     ml="10"
149     mt="10"
150     mb="5"
151     fontFamily="body"
152     fontWeight="600"
153     fontSize="26">
154     Past Practice
155 </Heading>
156 <Center>
157     {/ flex, box, style */}
158     <Container mb="5">
159         <Pressable
160             onPress={() =>
161                 navigation.navigate('DataDiri', { name: 'Data Diri' })
162             }
163             rounded="8"
164             overflow="hidden"
165             maxW="100">
166             <Image source={require('../assets/image/flex.png')} />

```

```

167 <View style={styles.boxpast}>
168   <Stack space={2}>
169     <Heading
170       fontFamily="body"
171       fontSize="24"
172       fontWeight="600"
173       color="white">
174       Box, Flex, Style
175     </Heading>
176   </Stack>
177   <Text
178     fontFamily="body"
179     fontSize="18"
180     fontWeight="400"
181     color="white">
182     Praktikum Minggu ke 4
183   </Text>
184 </View>
185 </Pressable>
186 </Container>
187 { /* counter */}
188 <Container mb="5">
189   <Pressable
190     onPress={() =>
191       navigation.navigate('Penghitung', { name: 'Minggu ke 3' })
192     }
193     rounded="8"
194     overflow="hidden"

```

```

195     maxW="100">
196     <Image source={require('../assets/image/navigation.png')} />
197     <View style={styles.boxpast}>
198         <Stack space={2}>
199             <Heading
200                 fontFamily="body"
201                 fontSize="24"
202                 fontWeight="600"
203                 color="white">
204                 Counter Button
205             </Heading>
206         </Stack>
207         <Text
208             fontFamily="body"
209             fontSize="18"
210             fontWeight="400"
211             color="white">
212             Praktikum Minggu ke 3
213         </Text>
214     </View>
215 </Pressable>
216 </Container>
217 </Center>
218 </ScrollView>
219 </NativeBaseProvider>
220 </View>
221 </View>
222 </SafeAreaView>

```

```

223     });
224   };
225
226   const styles = StyleSheet.create({
227     container: {
228       alignItems: 'center',
229       justifyContent: 'center',
230     },
231     header: {
232       paddingBottom: 10,
233       marginTop: '2%',
234       width: '100%',
235       flexDirection: 'row',
236       alignItems: 'center',
237       justifyContent: 'space-around',
238     },
239     box: {
240       padding: 8,
241       borderRadius: 10,
242       width: 319,
243       backgroundColor: '#52ACFF',
244     },
245     boxpast: {
246       padding: 8,
247       borderRadius: 10,
248       width: 319,
249       backgroundColor: '#6E8FAD',
250     },
251   });
252
253   export default Home;
254

```

1-20 import beberapa method

22-224 tampilan home beserta stylingnya

226-251 styling class sendiri

Welcome.js

```
1  import { StatusBar } from 'expo-status-bar';
2  import { Text, Pressable, View, StyleSheet, Image, Alert } from 'react-native';
3  √ import {
4    useFonts,
5    Montserrat_100Thin,
6    Montserrat_200ExtraLight,
7    Montserrat_300Light,
8    Montserrat_400Regular,
9    Montserrat_500Medium,
10   Montserrat_600SemiBold,
11   Montserrat_700Bold,
12   Montserrat_800ExtraBold,
13   Montserrat_900Black,
14   Montserrat_100Thin_Italic,
15   Montserrat_200ExtraLight_Italic,
16   Montserrat_300Light_Italic,
17   Montserrat_400Regular_Italic,
18   Montserrat_500Medium_Italic,
19   Montserrat_600SemiBold_Italic,
20   Montserrat_700Bold_Italic,
21   Montserrat_800ExtraBold_Italic,
22   Montserrat_900Black_Italic,
23 } from '@expo-google-fonts/montserrat';
24
25 √ const Welcome = ({ navigation }) => {
26   √ let [fontsLoaded] = useFonts({
27     Montserrat_100Thin,
28     Montserrat_200ExtraLight,
29     Montserrat_300Light,
```

```

30     Montserrat_400Regular,
31     Montserrat_500Medium,
32     Montserrat_600SemiBold,
33     Montserrat_700Bold,
34     Montserrat_800ExtraBold,
35     Montserrat_900Black,
36     Montserrat_100Thin_Italic,
37     Montserrat_200Extralight_Italic,
38     Montserrat_300Light_Italic,
39     Montserrat_400Regular_Italic,
40     Montserrat_500Medium_Italic,
41     Montserrat_600SemiBold_Italic,
42     Montserrat_700Bold_Italic,
43     Montserrat_800ExtraBold_Italic,
44     Montserrat_900Black_Italic,
45 });
46 return (
47     <View style={styles.container}>
48         <Image
49             style={styles.gambar}
50             source={require('../assets/image/icon1.png')}
51         />
52         <View style={styles.bargo}>
53             <Text style={styles.header}>Minggu ke 5</Text>
54             <Text style={styles.sub}>
55                 Praktikum ini kita akan belajar tentang Navigasi antar halaman.
56                 Silahkan tekan menu di bawah untuk menuju ke halaman lain.
57             </Text>

```

```
58     <Pressable
59       style={styles.button}
60       onPress={() => navigation.navigate('Home', { name: 'Halaman Home' })}>
61       <Text style={styles.btext}>Belajar Sekarang</Text>
62     </Pressable>
63   </View>
64 </View>
65 );
66 };
67 const styles = StyleSheet.create({
68   container: {
69     alignItems: 'center',
70     justifyContent: 'center',
71   },
72   gambar: {
73     marginTop: '20%',
74     width: 250,
75     height: 250,
76     marginBottom: '15%',
77   },
78   bargo: {
79     width: '85%',
80     height: 300,
81     backgroundColor: '#8E8E8E',
82     alignItems: 'center',
83     borderRadius: 20,
84     justifyContent: 'center',
85   },
86   header: {
```

```

87     fontFamily: 'Montserrat_600SemiBold',
88     fontSize: 38,
89     color: '#fff',
90     marginBottom: 15,
91   },
92   sub: {
93     fontFamily: 'Montserrat_500Medium',
94     width: '85%',
95     color: '#fff',
96     fontSize: 16,
97     textAlign: 'center',
98   },
99   button: {
100     alignItems: 'center',
101     justifyContent: 'center',
102     paddingVertical: 12,
103     paddingHorizontal: 32,
104     borderRadius: 200,
105     elevation: 3,
106     backgroundColor: 'white',
107     marginTop: 60,
108   },
109   btext: {
110     fontFamily: 'Montserrat_600SemiBold',
111     fontSize: 20,
112     lineHeight: 21,
113     fontWeight: '600',
114     letterSpacing: 0.25,
115     color: 'black',

```

```

115     color: 'black',
116   },
117 });
118 export default Welcome;
119

```

1-23 mengimport package

25-45 font yang digunakan untuk halaman welcome

46-66 tampilan sekaligus styling

67-117 styling halaman welcome

118 export welcome

