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Sec 4

ToDoList

← → ↺ ① localhost:8081 ☆ 📁 ⓘ ⋮

🗖️ 🔍 📺 (3) CV Lec 2 P3 - Dr... 🐞 Debug - a Hugging...

📁 All Bookmarks

To-Do List

Enter your goal

ADD

To-Do List

ADD

Studying


Reading

Playing

test

← → ↺ 📄 snack.expo.dev/@maryemehab/todolist ☆ 📄 | P ⋮

📄 🔄 (3) CV Lec 2 P3 - Dr... 🐛 Debug - a Hugging... 📄 All Bookmarks

 **ToDoList** ⓘ

All changes saved 30 minutes ago. [See previous saves.](#) ✓

Expo Docs

Saved



^ Open files

📁 App.js

^ Project

📁 assets

📁 components

📁 App.js

📄 app.json

📄 index.js

📄 package-lock.json

📄 package.json

📄 README.md

📄 ToDoList.js

📄 .gitignore

```
1 import { StatusBar } from 'expo-status-bar';
2 import React from 'react';
3 import { SafeAreaView, StyleSheet } from 'react-native';
4 import ToDoList from './ToDoList';
5
6 export default function App() {
7   return (
8     <SafeAreaView style={styles.container}>
9       <ToDoList />
10      <StatusBar style="auto" />
11    </SafeAreaView>
12  );
13 }
14
15 const styles = StyleSheet.create({
16   container: {
17     flex: 1,
18     backgroundColor: '#f5f5f5',
19     paddingTop: 20, // Just a small top padding for
20     // visual comfort
21     paddingHorizontal: 10, // Some side padding
22     // (optional)
23   },
24 });
```

My Device

Android

iOS

Web



To-Do List

Enter your goal

ADD

studying

reading

playing

Colors and Fonts

#f5f5f5 :Background color (light gray)

Purple: Borders, titles, and goal items

#6a1b9a : Add button background (a dark purple)

white : Text and background of components

Fonts

fontSize: 24 Used for the title (To-Do List).

fontWeight: bold Applied to titles, button text, and goal items.

App.js Code

```
import { StatusBar } from 'expo-status-bar';

import React from 'react';

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

import ToDoList from './ToDoList';

export default function App() {
  return (
    <SafeAreaView style={styles.container}>
      <ToDoList />
      <StatusBar style="auto" />
    </SafeAreaView>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#f5f5f5',
```

```
paddingTop: 20, // Just a small top padding for visual comfort  
paddingHorizontal: 10, // Some side padding (optional)
```

```
},  
));
```

ToDoList.js code

```
import React, { useState } from 'react';  
  
import {  
  View,  
  Text,  
  TextInput,  
  FlatList,  
  StyleSheet,  
  TouchableOpacity,  
  KeyboardAvoidingView,  
  Platform,  
  SafeAreaView,  
} from 'react-native';  
  
  
export default function ToDoList() {  
  const [goal, setGoal] = useState("");
```

```
const [goals, setGoals] = useState([]);
```

```
const addGoalHandler = () => {  
  if (goal.trim()) {  
    setGoals(currentGoals => [...currentGoals, goal]);  
    setGoal("");  
  }  
};  
  
return (  
  <SafeAreaView style={styles.safeContainer}>  
    <KeyboardAvoidingView  
      style={styles.outerContainer}  
      behavior={Platform.OS === 'ios' ? 'padding' : undefined}  
    >  
      <View style={styles.innerContainer}>  
        <Text style={styles.title}>To-Do List</Text>  
  
        <View style={styles.inputContainer}>  
          <TextInput  
            style={styles.input}
```

placeholder="Enter your goal"

value={goal}

onChangeText={setGoal}

/>

<TouchableOpacity onPress={addGoalHandler} style={styles.addButton}>

<Text style={styles.addButtonText}>ADD</Text>

</TouchableOpacity>

</View>

<FlatList

data={goals}

renderItem={({ item }) => (

<View style={styles.goalItem}>

<Text style={styles.goalText}>{item}</Text>

</View>

)}

keyExtractor={(item, index) => index.toString() }

/>

</View>

</KeyboardAvoidingView>

</SafeAreaView>



```
);  
}  
  
const styles = StyleSheet.create({  
  safeContainer: {  
    flex: 1,  
    backgroundColor: '#f5f5f5',  
  },  
  outerContainer: {  
    flex: 1,  
    backgroundColor: '#f5f5f5',  
  },  
  innerContainer: {  
    flex: 1,  
    width: '100%',    // Full width  
    padding: 20,  
    borderWidth: 2,  
    borderColor: 'purple',  
    backgroundColor: 'white',  
  },  
  title: {
```



textAlign: 'center',

fontSize: 24,

fontWeight: 'bold',

backgroundColor: 'purple',

color: 'white',

padding: 15,

marginBottom: 15,

width: '100%',

},

inputContainer: {

flexDirection: 'row',

marginBottom: 15,

alignItems: 'center',

width: '100%',

},

input: {

flex: 1,

borderColor: 'purple',

borderWidth: 1,

padding: 10,

borderRadius: 5,





backgroundColor: 'white',



},

addButton: {

backgroundColor: '#6a1b9a',

paddingVertical: 12,

paddingHorizontal: 20,

borderRadius: 5,

marginLeft: 8,

},

addButtonText: {

color: 'white',

fontWeight: 'bold',

fontSize: 16,

},

goalItem: {

backgroundColor: 'purple',

padding: 12,

marginVertical: 5,

borderRadius: 5,

},

goalText: {



```
color: 'white',  
fontWeight: 'bold',  
textAlign: 'center',  
},  
));
```

Index.js

```
import { registerRootComponent } from 'expo';  
  
import App from './App';  
  
// registerRootComponent calls  
AppRegistry.registerComponent('main', () => App);  
  
// It also ensures that whether you load the app in Expo Go or in a  
native build,  
  
// the environment is set up appropriately  
registerRootComponent(App);
```