

March 19 Assignment

```
import React, {Component} from 'react';

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

class todo extends Component {
  state = {
    todos: [],
    newtodo: "",
    editIndex: -1,
    AllContent: [],
  };
  onChange = (text: string) => {
    this.setState({newtodo: text});
  };

  Addtodo = () => {
    const obj = {
      name: this.state.newtodo,
    };
    if (this.state.newtodo !== "") {
      if (this.state.editIndex !== -1) {
        const Tasks = [...this.state.todos];
        Tasks[this.state.editIndex].name = this.state.newtodo;
        this.setState({todos: Tasks});
        this.setState({editIndex: -1});
      } else {
        this.setState({todos: [...this.state.todos, obj]});
      }
      this.setState({newtodo: ""});
    }
  };

  EditTask = index => {
    const taskEdit = this.state.todos[index];
    this.setState({newtodo: taskEdit.name});
    this.setState({editIndex: index});
  };

  Deletetodo = () => {
    const {todos, newtodo} = this.state;
    this.setState({
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    todos: [],
    newtodo: "",
  });
};

deletetask = index => {
  const updatedTask = [...this.state.todos];
  updatedTask.splice(index, 1);
  this.setState({
    todos: updatedTask,
  });
};

CheckBox = index => {
  const newItem = [...this.state.AllContent];
  newItem.push(this.state.todos[index]);
  this.setState({
    AllContent: newItem,
  });
};

deleteCheckBox = () => {
  const updated = this.state.todos.filter(
    check => !this.state.AllContent.includes(check),
  );
  this.setState({
    todos: updated,
    Allcontent: [],
  });
};

render() {
  return (
    <View style={styles.container}>
      <Text
        style={{
          fontWeight: 40,
          color: 'blue',
          marginLeft: 85,
          fontSize: 25,
          marginTop: 10,
        }}>
        Add Your Daily Tasks
      </Text>
      <TextInput
        style={styles.inputText}
        placeholder="Enter the Text..."
        onChangeText={text => this.setState({newtodo: text})}
        value={this.state.newtodo}
      />

      <View style={{flexDirection: 'row'}}>
        <TouchableOpacity style={styles.button} onPress={this.Addtodo}>
          <Text

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        style={{
          color: 'white',
          padding: 20,
          backgroundColor: 'green',
          marginTop: 20,
          marginLeft: 10,

          // marginRight: 100,
        }}>
        ADD ITEM
      </Text>
    </TouchableOpacity>
    <TouchableOpacity style={styles.button} onPress={this.deleteCheckBox}>
      <Text
        style={{
          color: 'white',
          padding: 20,
          backgroundColor: 'green',
          marginTop: 20,
          marginLeft: 5,
          width: 100,
        }}>
        REMOVE SELECTS
      </Text>
    </TouchableOpacity>
    <TouchableOpacity style={styles.button} onPress={this.Deletetodo}>
      <Text
        style={{
          color: 'white',
          padding: 20,
          backgroundColor: 'green',
          marginTop: 20,
          marginLeft: 5,
          // marginRight: 100,
        }}>
        CLEAR
      </Text>
    </TouchableOpacity>
  </View>

  <ScrollView>
    {this.state.todos.map((item, index) => (
      <View style={styles.item}>
        <Text>{item.name}</Text>
        <View
          style={{
            flexDirection: 'row',
            justifyContent: 'space-between',
            marginTop: 5,
          }}>
          <TouchableOpacity onPress={() => this.EditTask(index)}>

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        <Image
          style={styles.logo}
          source={require('../test1/src/Asset/image/note.png')}
        />
      </TouchableOpacity>
      <TouchableOpacity
        style={styles.deletebutton}
        onPress={() => this.deletetask(index)}>
        <Image
          style={styles.logo}
          source={require('../test1/src/Asset/image/bin.png')}
        />
      </TouchableOpacity>
      <TouchableOpacity onPress={() => this.CheckBox(index)}>
        <Image
          style={styles.logo}
          source={require('../test1/src/Asset/image/check.png')}
        />
      </TouchableOpacity>
    </View>
  </View>
)))
</ScrollView>
</View>
);
}
}
}
const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#FAFBE7',
  },
  inputText: {
    marginTop: 10,
    height: 50,
    marginLeft: 10,
    marginRight: 10,
    backgroundColor: '#F7EA7E',
    borderBlockColor: 'black',
    borderRadius: 15,
  },
  item: {
    marginTop: 10,
    height: 50,
    flexDirection: 'row',
    margin: 2,
    marginLeft: 10,
    marginRight: 10,
    borderColor: '#2a4944',
    borderWidth: 1,
    backgroundColor: '#E2DAE4',
  },
});

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},
button: {
  marginLeft: 10,
  marginRight: 10,
},
deletebutton: {
  marginLeft: 20,
  marginTop: 1,
},
logo: {
  height: 30,
  width: 30,
  flexDirection: 'row',
  justifyContent: 'space-between',
  alignItems: 'center',
  marginHorizontal: 15,
},
});
export default todo;
```

Output:-

4:54



Add Your Daily Tasks

Enter the Text...

ADD ITEM

REMOVE
SELECTS

CLEAR

Gym at 6pm



Dinner at 7pm



Go to Bed 10pm



Wake up 6am

