

كلية الهندسة بحلوان

To Do List Report Mobile Application

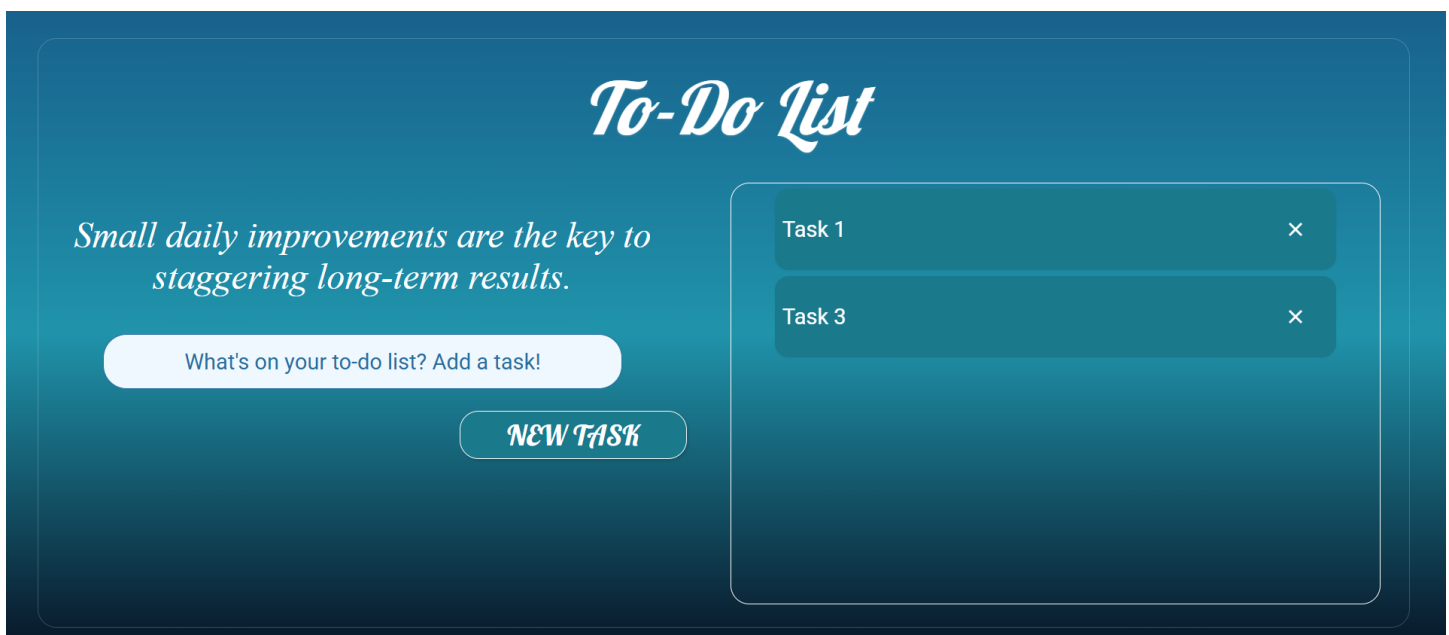
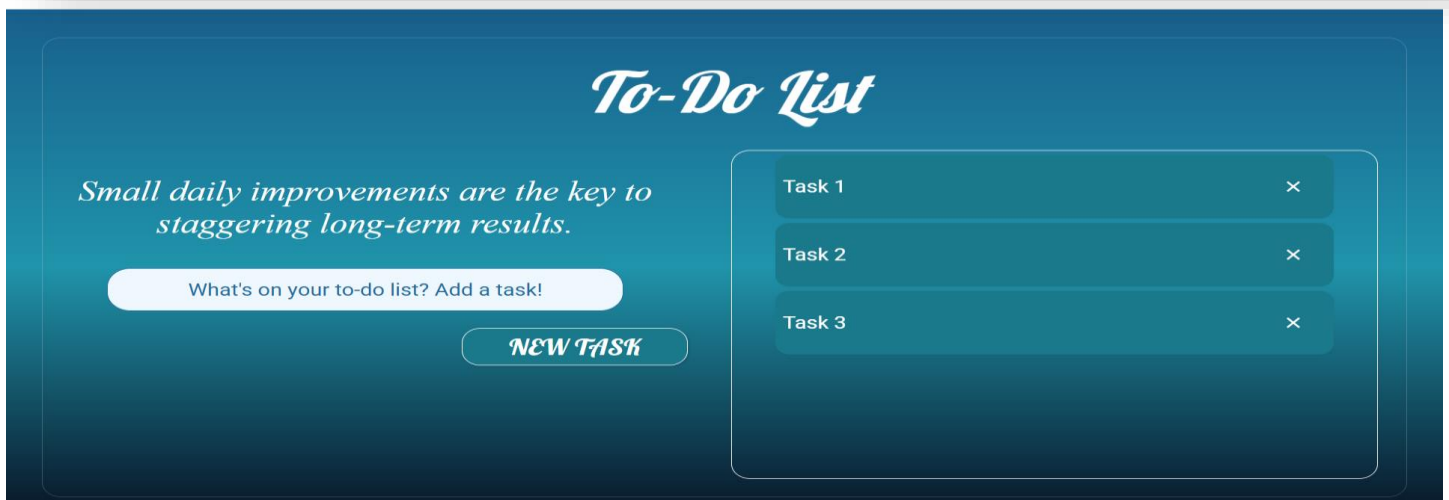
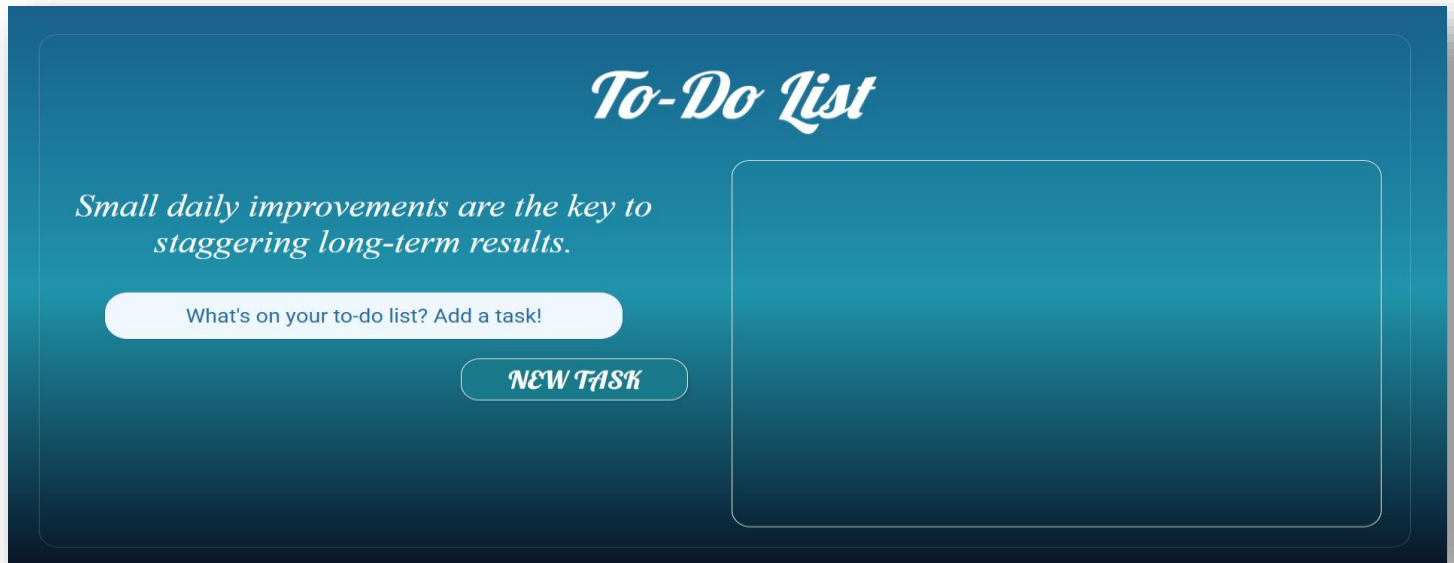
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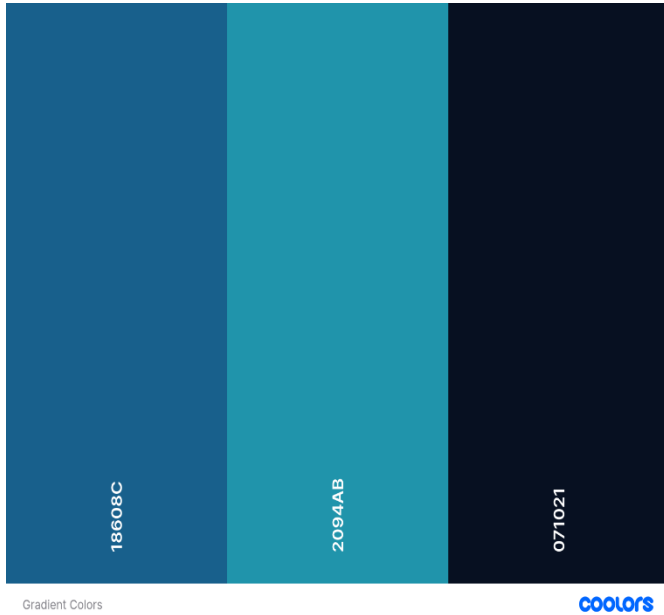


- **Screenshots of the design:**

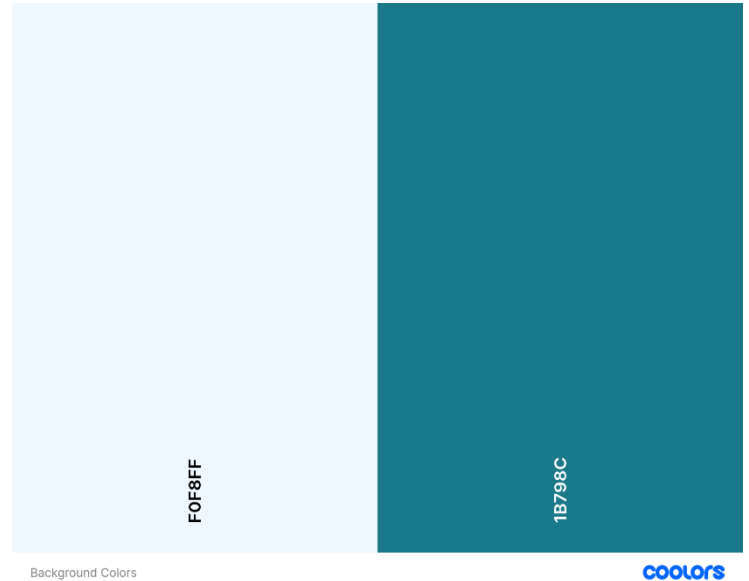


- **Colors and Fonts used in the project:**

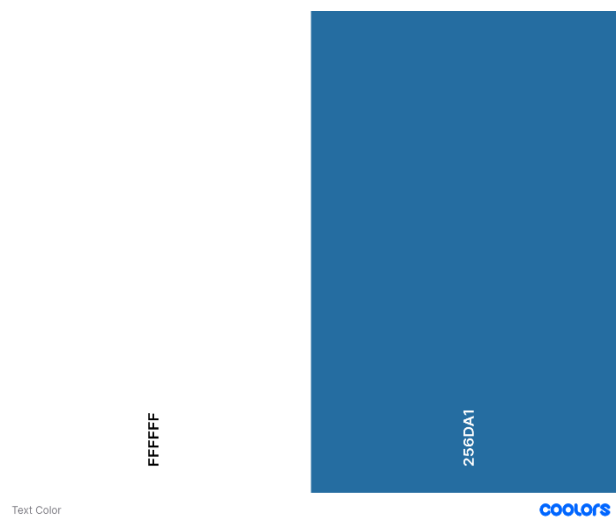
1. Gradient Colors



2. Background Colors



3. Text Colors



- **Components:**

1. Header Component

```
import React from "react";
import { View, Text } from "react-native";
import styles from "../Style_Sheet";

const Header = () => (
  <View style={styles.titleView}>
    <Text style={styles.title}>To-Do List</Text>
  </View>
);

export default Header;
```

2. Quote

```
import React from "react";
import { View, Text } from "react-native";
import styles from "../Style_Sheet";

const Quote = () => (
  <View style={styles.quoteContainer}>
    <Text style={styles.quote}>
      Small daily improvements are the key to staggering long-term results.
    </Text>
  </View>
);

export default Quote;
```

3. TaskInput

```
import React from "react";
import { View, TextInput, TouchableOpacity, Text } from "react-native";
import Quote from "../Quote";
import styles, { Theme } from "../Style_Sheet";

const TaskInput = ({ taskText, setTaskText, handleAddTask }) => (
  <View style={styles.addTaskView}>
    <Quote />
    <TextInput
      style={styles.task}
      placeholder="What's on your to-do list? Add a task!"
      placeholderTextColor={Theme.colors.placeholderTextColor}
      value={taskText}
      onChangeText={setTaskText}
      onSubmitEditing={handleAddTask}
    />
    <TouchableOpacity style={[styles.btn, { alignSelf: "flex-end" }]}
      onPress={handleAddTask}>
      <Text style={styles.btnText}>New Task</Text>
    </TouchableOpacity>
  </View>
);

export default TaskInput;
```

4.TaskItem

```
import React from "react";
import { View, Text, TouchableOpacity, Animated } from "react-native";
import Icon from "react-native-vector-icons/MaterialIcons";
import styles from "../Style_Sheet";

const TaskItem = ({ item, index, fadeAnim, handleDeleteTask }) => (
  <Animated.View style={[styles.taskItemContainer, { opacity: fadeAnim }]}>
    <Text style={styles.taskItem}>{item}</Text>
    <TouchableOpacity style={styles.deleteIcon} onPress={() => handleDeleteTask(index)}>
      <Icon name="close" size={24} color="white" />
    </TouchableOpacity>
  </Animated.View>
);

export default TaskItem;
```

5.TaskList

```
import React from "react";
import { FlatList } from "react-native";
import TaskItem from "../TaskItem";
import styles from "../Style_Sheet";

const TaskList = ({ tasks, fadeAnim, handleDeleteTask }) => (
  <FlatList
    style={styles.taskViewer}
    data={tasks}
    renderItem={({ item, index }) => (
      <TaskItem item={item} index={index} fadeAnim={fadeAnim}
        handleDeleteTask={handleDeleteTask} />
    )}
    keyExtractor={(item, index) => `${item}-${index}`}
    contentContainerStyle={styles.taskListContent}
    showsVerticalScrollIndicator={false}
  />
);

export default TaskList;
```

• Styling:

```
const styles = StyleSheet.create({
  gradientContainer: {
    flex: 1,
  },
  container: {
    flex: 1,
    flexDirection: "column",
    margin: wp("2.5%"),
    borderRadius: 20,
    borderWidth: 1,
    borderColor: Theme.colors.borderColor,
  },
  titleView: {
    width: "100%",
    flex: 0.1,
    justifyContent: "center",
    alignItems: "center",
    borderRadius: 20,
    marginVertical: wp("3%"),
  },
  bodyView: {
    flex: 0.9,
    flexDirection: "row",
    marginTop: hp("1%"),
  },
  addTaskView: {
    flex: 1,
    alignItems: "center",
    paddingTop: hp("1.5%"),
  },
  title: {
    fontSize: wp("5%"),
    color: Theme.colors.textColor,
    fontStyle: "italic",
    fontFamily: Theme.fonts.titleFont,
    textShadowColor: Theme.colors.borderColor,
    textShadowOffset: { width: 0, height: 1 },
    textShadowRadius: 2,
  },
  quoteContainer: {
    padding: wp("1.5%"),
    marginBottom: hp("1.5%"),
  },
  quote: {
    fontSize: wp("2.5%"),
    color: Theme.colors.textColor,
    fontStyle: "italic",
    fontFamily: Theme.fonts.bodyFont,
    textAlign: "center",
  },
  task: {
    borderWidth: 0.8,
    borderColor: Theme.colors.taskBorderColor,
    color: Theme.colors.taskBorderColor,
    fontSize: wp("1.5%"),
    fontFamily: Theme.fonts.taskFont,
    width: "80%",
    textAlign: "center",
    paddingVertical: hp("2%"),
    paddingHorizontal: wp("2.5%"),
    marginVertical: hp("0.8%"),
    borderRadius: 25,
    backgroundColor: Theme.colors.taskBackground,
    shadowColor: Theme.colors.taskBorderColor,
    shadowOffset: { width: 0, height: 0.5 },
    shadowOpacity: 0.1,
    shadowRadius: 2,
    elevation: 1,
  },
});
```

```
btn: {
  backgroundColor: Theme.colors.btnBackground,
  width: "35%",
  paddingVertical: hp("0.8%"),
  paddingHorizontal: wp("2.5%"),
  marginVertical: hp("2.5%"),
  borderRadius: 20,
  alignItems: "center",
  justifyContent: "center",
  shadowColor: Theme.colors.shadowColor,
  shadowOffset: { width: 2, height: 2 },
  shadowOpacity: 0.15,
  shadowRadius: 3,
  elevation: 2,
  borderColor: Theme.colors.textColor,
  borderWidth: 1,
},
btnText: {
  textAlign: "center",
  color: Theme.colors.textColor,
  fontSize: wp("2%"),
  fontFamily: Theme.fonts.titleFont,
  textTransform: "uppercase",
},
taskViewer: {
  flex: 1,
  marginLeft: wp("1%"),
  borderRadius: 20,
  borderWidth: 1.5,
  borderColor: Theme.colors.textColor,
  height: "95%",
  width: "95%",
  marginRight: wp("2%"),
  marginLeft: wp("3%"),
},
taskListContent: {
  paddingVertical: hp("0.5%"),
  paddingHorizontal: wp("1.5%"),
},
taskItemContainer: {
  backgroundColor: Theme.colors.taskItemBackground,
  borderRadius: 15,
  marginVertical: hp("0.5%"),
  marginHorizontal: wp("1.5%"),
  paddingHorizontal: wp("1%"),
  paddingVertical: wp("0.3%"),
  flexDirection: "row",
  alignItems: "center",
  justifyContent: "space-between",
  shadowColor: Theme.colors.shadowColor,
  shadowOffset: { width: 0, height: 0.5 },
  shadowOpacity: 0.05,
  shadowRadius: 2,
  elevation: 1,
},
taskItem: {
  fontSize: wp("1.5%"),
  color: Theme.colors.textColor,
  fontFamily: Theme.fonts.taskFont,
},
deleteIcon: {
  padding: wp("1.5%"),
},
});

export default styles;
export { Theme };
```

```
import { StyleSheet } from "react-native";
import { widthPercentageToDP as wp, heightPercentageToDP as hp } from
"react-native-responsive-screen";

const Theme = {
  colors: {
    primaryGradientStart: "#18608c",
    primaryGradientMiddle: "#2094ab",
    primaryGradientEnd: "#071021",
    gradientColors: ["#18608c", "#2094ab", "#071021"],
    borderColor: "rgba(255, 255, 255, 0.2)",
    taskBorderColor: "#256da1",
    shadowColor: "#000",
    taskBackground: "#f0f8ff",
    btnBackground: "#1b798c",
    taskItemBackground: "#1b798c",
    textColor: "white",
    placeholderTextColor: "#256da1",
  },
  fonts: {
    titleFont: "Lobster-Regular",
    bodyFont: "Roboto-VariableFont",
    taskFont: "Roboto-VariableFont",
  },
};
```