Assignment 1

Kyrillos Wahid

Section 4

To-do-list: a simple React Native app that allows users to add, view, and mark tasks as complete.

1. Screenshots
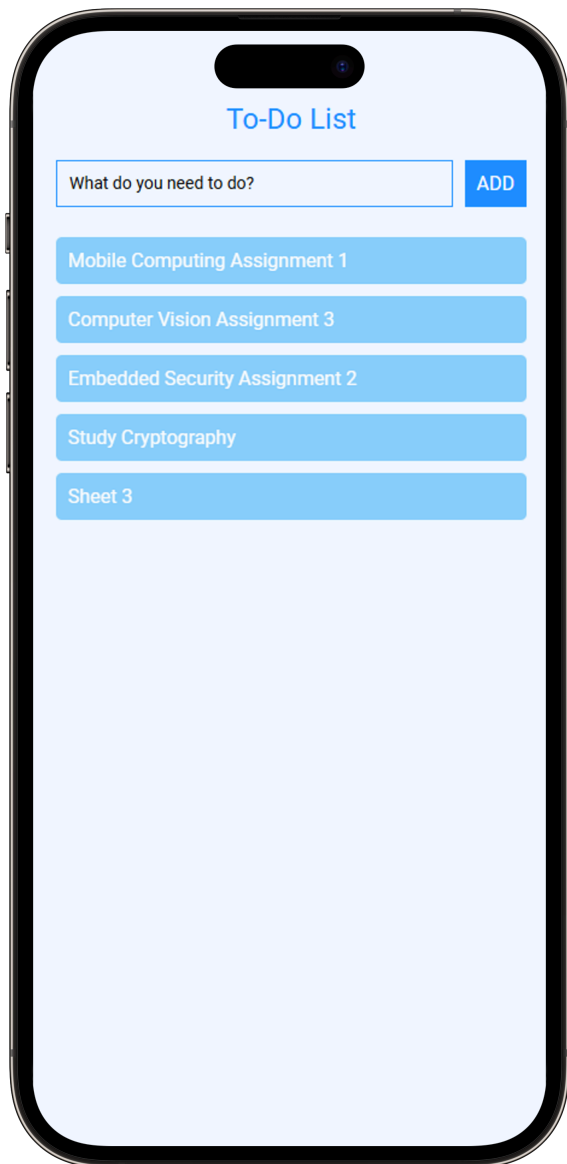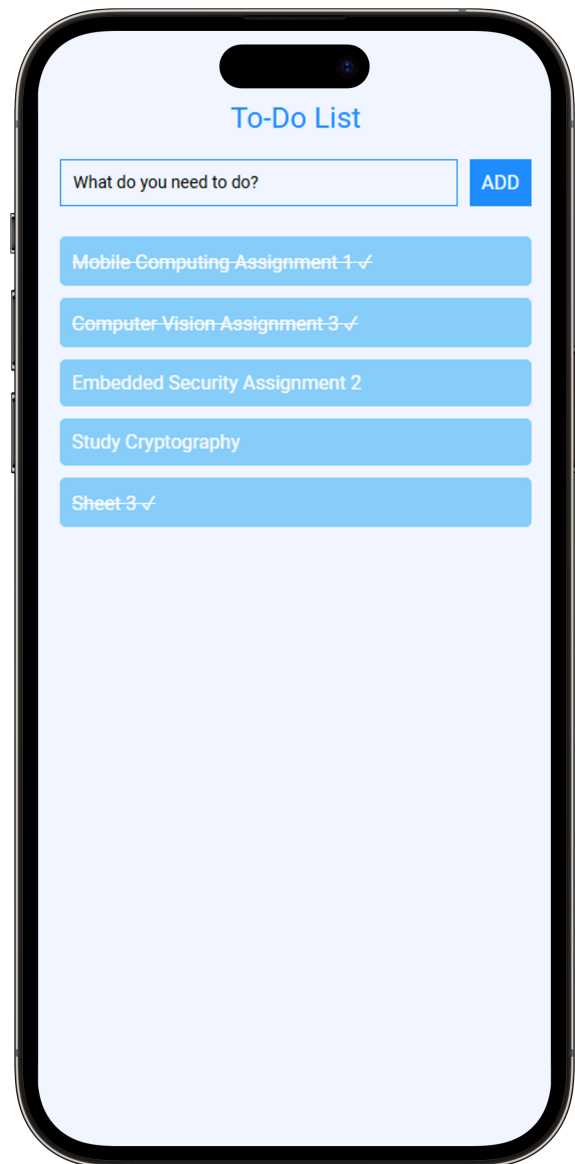
Empty To-Do List on launch

Adding a new task

New tasks appear in the list

Task marked as complete, (checkmark + strike-through)

To-Do List

What do you need to do?   ADD

- Mobile Computing Assignment 1
- Computer Vision Assignment 3
- Embedded Security Assignment 2
- Study Cryptography
- Sheet 3

To-Do List

What do you need to do?   ADD

- ~~Mobile Computing Assignment 1~~ ✓
- ~~Computer Vision Assignment 3~~ ✓
- Embedded Security Assignment 2
- Study Cryptography
- ~~Sheet 3~~ ✓

2. Colors and Fonts

Color Palette

- Primary Color: `#1E90FF` (DodgerBlue)
- Secondary Color: `#87CEFA` (LightSkyBlue)
- Background Color: `#f0f8ff` (AliceBlue)

Fonts (Google Fonts)

- from `@expo-google-fonts` library
- install `@expo-google-fonts/roboto`
- use `Roboto_400Regular`

3. Code Snippets

1. Main Component

```
const [enteredGoal, setEnteredGoal] = useState('');
const [courseGoals, setCourseGoals] = useState([]);

const addGoalHandler = () => {
  if (enteredGoal.trim() === '') return;
  setCourseGoals([...courseGoals, { id: Math.random().toString(), value: enteredGoal }]);
  setEnteredGoal('');
};
```

2. Styling

```
const styles = StyleSheet.create({
  title: {
    fontSize: 24,
    textAlign: 'center',
    fontFamily: 'Roboto_400Regular',
    color: '#1E90FF',
  },
  button: {
    backgroundColor: '#1E90FF',
    padding: 10,
  },
  ...
});
```

3. Fonts

```
import { useFonts, Roboto_400Regular } from '@expo-google-fonts/roboto';

let [fontsLoaded] = useFonts({
  Roboto_400Regular,
});

if (!fontsLoaded) {
  return <ActivityIndicator />;
}
```