



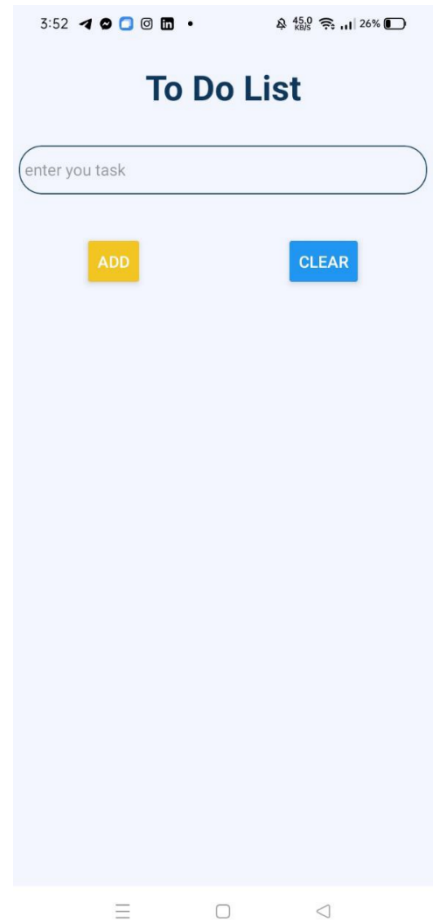
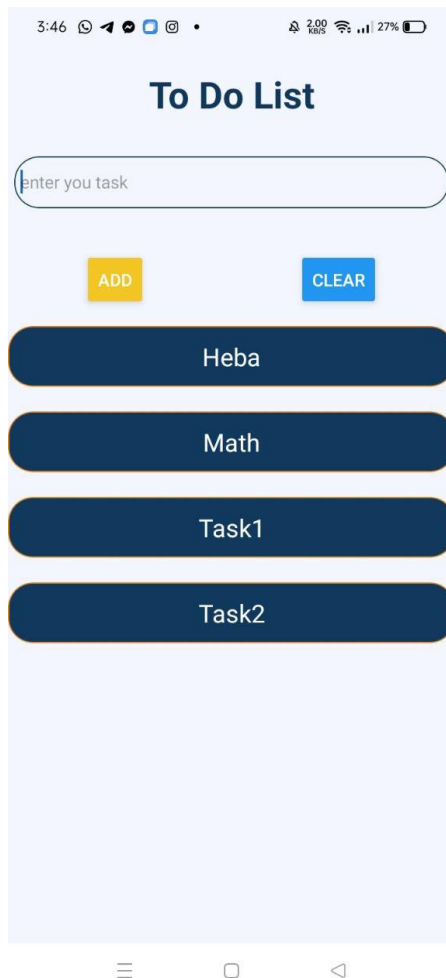
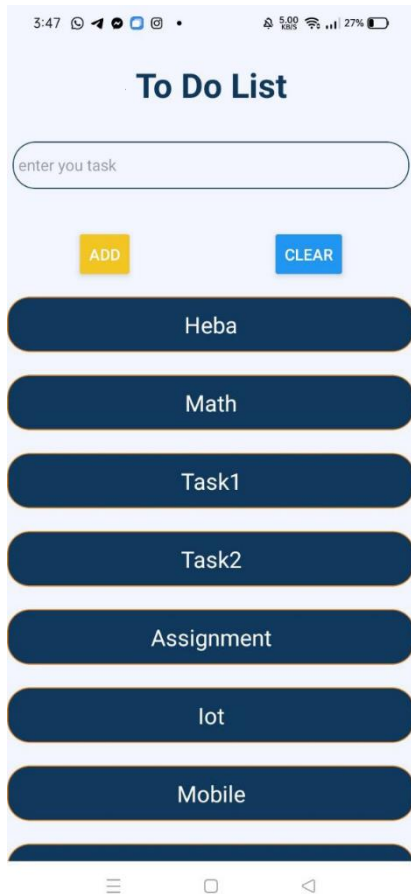
To_Do_List

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Section: 2

Department: Computer and Systems (4th year)

Screenshots:



Colors and Fonts used:

Colors :

Background color : #F4F6FF

Text color : #10375C

Input border color : #10375C

Add button color : #F3C623

List colors : #10375C , #EB8317

Fonts : Poppins-Bold (customized font)

Code :

APP.js :

```
import { Button, Text, TextInput, View , FlatList } from 'react-native';
import React, { useState , useEffect , useCallback} from 'react';
import styles from './theme';
import * as Font from 'expo-font';
import * as SplashScreen from 'expo-splash-screen';
import ListComponent from './components/ListComponent';

SplashScreen.preventAutoHideAsync();
export default function App() {
  const [inputText, setInputText] = useState('');
  const [tasks, setTasks] = useState([]);
  const [fontLoaded, setFontLoaded] = useState(false);

  async function loadFont() {
    await Font.loadAsync({
      "Poppins-Bold": require("./assets/fonts/Poppins-Bold.ttf"),
```

```

    });
    setFontLoaded(true);
    await SplashScreen.hideAsync();
  }

  useEffect(() => {
    loadFont();
  }, []);

  const onLayoutRootView = useCallback(async () => {
    if (fontLoaded) {
      await SplashScreen.hideAsync();
    }
  }, [fontLoaded]);

  if (!fontLoaded) {
    return null;
  }

  function handleClick() {
    if (inputText.trim() !== '') {
      setTasks([...tasks, inputText]);
      setInputText('');
    }
  }

  function handleClearButton(){
    setTasks([]);
  }

  return (
    <View style={styles.container}>
      <Text style={styles.texting}>To Do List</Text>

      <TextInput style={styles.input} placeholder='enter you task'
        onChangeText={({text}) => setInputText(text.trimStart())}
        value={inputText}></TextInput>

      <View style={styles.buttons}>
        <Button title='Add' color="#F3C623" onPress={handleButtonClick}></Button>
        <Button title='clear' onPress={handleClearButton}></Button>
      </View>

      <FlatList
        data={tasks}
        keyExtractor={(item, index) => index.toString()}

```

```

    renderItem={({ item }) => <ListComponent task={item} />}
  />

</View>
);
}

```

theme.js:

```

import {StyleSheet} from 'react-native';
const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#F4F6FF',
  },
  texting :{
    textAlign: 'center',
    marginTop: 50 ,
    color:"#10375C",
    fontFamily: 'Poppins-Bold',
    fontSize: 30,
    fontWeight: 'bold',
  },
  input :{
    marginTop: 30,
    marginBottom : 10 ,
    marginLeft:5,
    marginRight:5,
    borderWidth: 1,
    borderColor: '#10375C',
    borderRadius:20
  },
  listContainer:{
    marginTop:20
  },
  listData: {
    fontSize: 20,
    borderStyle: 'solid',
    borderColor: '#EB8317',
  }

```

```

        borderWidth: 1,
        backgroundColor: '#10375C',
        color: 'white',
        borderRadius: 20,
        padding: 10,
        textAlign: 'center',
        flexWrap: 'wrap'
    },
    buttons:{
        marginTop:30 ,
        flexDirection: 'row',
        justifyContent: 'space-around',
        alignItems: 'center',

    }

});

export default styles

```

ListComponent.js :

```

import { Text, View } from 'react-native';
import styles from '../theme';

export default function ListComponent({ task }) {
    return (

        <View style={styles.listContainer}>
            <Text style={styles.listData}>{task}</Text>
        </View>

    );
}

```