

IT2010 – Mobile Application Development BSc (Hons) in Information Technology 2nd Year Faculty of Computing SLIIT

2024 – Lab Exam 03 Report

Student ID		IT22641410
Batch		Y2.S2.WD.04.1
Marks		
1.	Code Quality & Organization	
	(2 Marks)	
2.	Functionality (3 Marks)	
3.	Creativity & User Interface Design (2	
	Marks)	
4.	Advanced Features & Data	
	Persistence (3 Marks)	
Total: 10 Marks		
Evaluator		

Description:

The ToDo app is a comprehensive task manager designed to help users efficiently organize their daily tasks. It allows users to add, update, set, and delete tasks, providing flexibility in task management. The app integrates features for assigning deadlines and specific times to each task, making it easier for users to plan and prioritize their day.

Additionally, the app offers a built-in stopwatch to help users track time spent on tasks, enhancing productivity. The calendar feature provides an overview of upcoming tasks and deadlines, giving users a visual representation of their schedules. This combination of features ensures that users can manage their time effectively, stay on top of their to-dos, and maintain a more organized lifestyle. Whether for personal or professional use, the app is a valuable tool for boosting productivity and achieving goals.

Screenshots:



ToDo SEARCH

Task Title

Enter Task Title

What is to be done?

Enter your Task

Set reminder date and time

Set Date

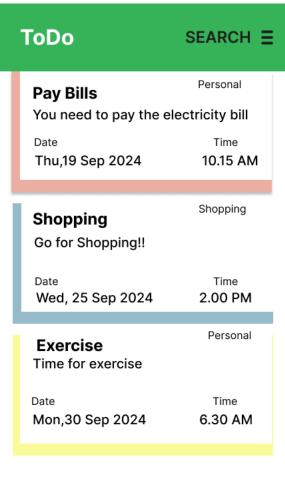
Banking



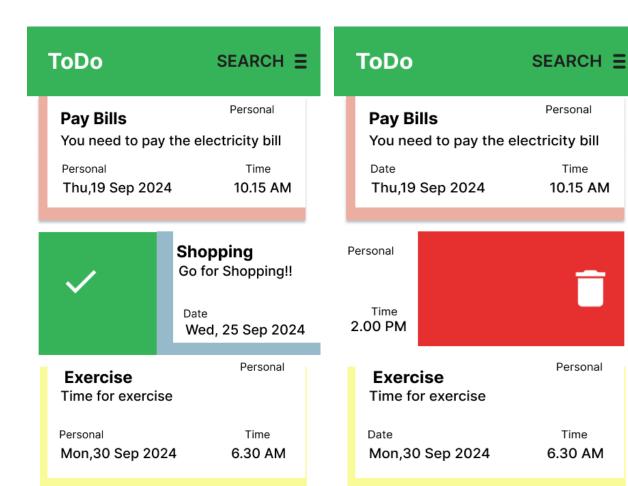
New Task New Task Task Title **Task Title Enter Task Title Pay Bills** What is to be done? What is to be done? You need to pay the electricity bill. **Enter your Task** Set reminder date and time Set reminder date and time Set Date Tue,19 Sep 2024 Banking Personal Business AVE TASK Insurance Personal

Shopping











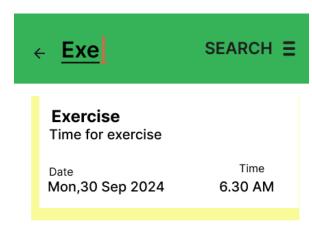


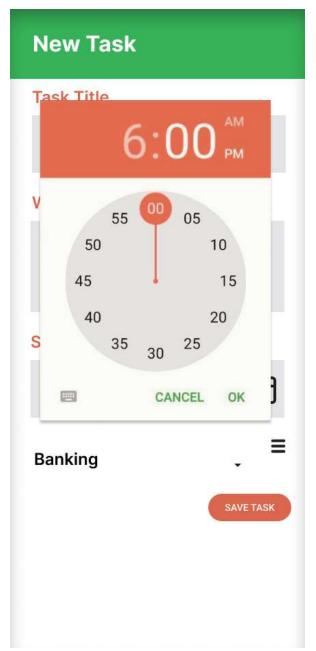
Personal

10.15 AM

Personal

Time 6.30 AM







Content of xml files of Strings and Colors: Strings

```
<resources>
<string name="app name">ToDo</string>
<string name="toolbar title">ToDo</string>
<string name="action search">Search</string>
<string name="new task title">New Task</string>
<string name="task title label">Task Title</string>
<string name="enter task title hint">Enter Task Title</string>
<string name="task description label">What is to be done?</string>
<string name="enter task hint">Enter your Task</string>
<string name="set reminder label">Set reminder date and time</string>
<string name="set date button">Set Date</string>
<string name="save task button">Save Task</string>
<string name="category label">Category</string>
<string name="category banking">Banking</string>
<string name="category business">Business</string>
<string name="category insurance">Insurance</string>
<string name="category personal">Personal</string>
<string name="category shopping">Shopping</string>
```

```
<string name="search">SEARCH</string>
<string name="personal">Personal</string>
<string name="shopping">Shopping</string>
<string name="banking">Banking</string>
<string name="pay bills title">Pay Bills</string>
<string name="pay bills description">You need to pay the electricity bill</string>
<string name="shopping title">Shopping</string>
<string name="shopping_description">Go for Shopping!!</string>
<string name="exercise title">Exercise</string>
<string name="exercise description">Time for exercise</string>
<string name="date">Date</string>
<string name="time">Time</string>
<string name="pay bills date">Thu, 19 Sep 2024</string>
<string name="pay bills time">10.15 AM</string>
<string name="shopping_date">Wed, 25 Sep 2024</string>
<string name="shopping time">2.00 PM</string>
<string name="exercise date">Mon, 30 Sep 2024</string>
<string name="exercise time">6.30 AM</string>
<string name="new task">New Task</string>
<string name="task title">Task Title</string>
```

```
<string name="when">When?</string>
<string name="save task">SAVE TASK</string>
<string name="time picker ok">OK</string>
<string name="time picker cancel">CANCEL</string>
<string name="app name exercise">Exe</string>
<string name="app name todo">ToDo</string>
<string name="label date">Date</string>
<string name="label_time">Time</string>
<string name="task exercise title">Exercise</string>
<string name="task_exercise_description">Time for exercise</string>
<string name="task pay bills title">Pay Bills</string>
<string name="task pay bills description">You need to pay the electricity bill</string>
<string name="action_search">SEARCH</string>
<string name="action_add">Add Task</string>
<string name="task type personal">Personal</string>
<string name="exercise date">Mon,30 Sep 2024</string>
<string name="exercise time">6.30 AM</string>
<string name="pay bills date">Thu,19 Sep 2024</string>
```

```
<string name="pay_bills_time">10.15 AM</string>
<string name="task_time">2.00 PM</string>

<string name="delete_task">Delete</string>
</resources>
```

Colors

```
<resources>
<color name="colorPrimary">#4CAF50</color>
<color name="colorPrimaryDark">#388E3C</color>
<color name="colorAccent">#ff7058</color>
<color name="litherGray">#a1a1a1
<color name="green">#388E3C</color>
<color name="red">#D32F2F</color>
<array name="random color">
<item name="red 400" type="color">#e84e40</item>
<item name="pink 400" type="color">#ec407a</item>
<item name="purple 400" type="color">#ab47bc</item>
<item name="deep purple 400" type="color">#7e57c2</item>
<item name="indigo 400" type="color">#5c6bc0</item>
<item name="blue_400" type="color">#738ffe</item>
<item name="light blue 400" type="color">#29b6f6</item>
<item name="cyan 400" type="color">#26c6da</item>
<item name="teal 400" type="color">#26a69a</item>
<item name="green 400" type="color">#2baf2b</item>
<item name="light green 400" type="color">#9ccc65</item>
<item name="lime 400" type="color">#d4e157</item>
<item name="yellow 400" type="color">#ffee58</item>
<item name="orange 400" type="color">#ffa726</item>
```

```
<item name="deep_orange_400" type="color">#ff7043</item>
<item name="brown_400" type="color">#8d6e63</item>
<item name="grey_400" type="color">#bdbdbd</item>
<item name="blue_grey_400" type="color">#78909c</item>
</array>
</resources>
```