



**UNIVERSITI MALAYSIA TERENGGANU**

**FACULTY OF OCEAN ENGINEERING TECHNOLOGY & INFORMATICS**

**CSM3114 : FRAMEWORK BASED MOBILE APPLICATION DEVELOPMENT**

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**Assignment 1 : List To Do Based Mobile Application**

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## **Table Of Contents**

<b>1.0 Executive summary of the prototype.....</b>	<b>3</b>
<b>2.0 The Prototype Design.....</b>	<b>4</b>
<b>3.0 The UI for the application with explanation.....</b>	<b>5</b>
<b>4.0 Potential commercial value and the pricing of the prototype.....</b>	<b>8</b>
<b>5.0 Lesson Learned.....</b>	<b>9</b>
<b>6.0 Conclusion.....</b>	<b>10</b>
<b>7.0 References.....</b>	<b>11</b>

## **1.0 Executive summary of the prototype**

**Intuitive Interface:** The prototype boasts an intuitive and visually appealing interface, ensuring a seamless user experience. Users can easily navigate through the app, adding, editing, and organizing tasks effortlessly.

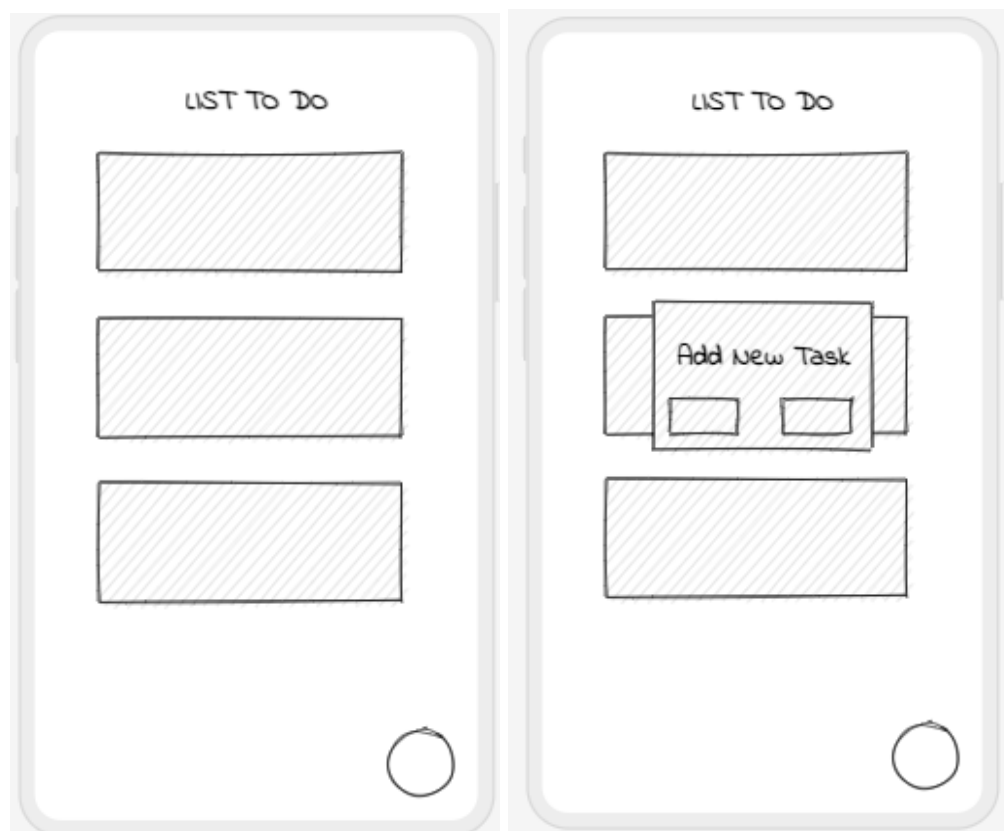
**Academic Task Prioritization:** This mobile app can understand the academic landscape. It allows students to prioritize assignments, exams, and project deadlines, ensuring they can effectively manage their academic workload.

**Collaboration:** The prototype introduces collaboration features, allowing users to share and collaborate on tasks with team members or collaborators. This promotes enhanced teamwork and coordination in achieving shared goals.

**Smart Reminders:** This mobile app incorporates smart reminder functionalities, ensuring that users never miss a deadline. Customizable reminders can be set for individual tasks, providing timely notifications to keep users on track.

## 2.0 The Prototype Design

This prototype for the mobile-based application that has a wide range of users from students and professionals to anyone making a reliable tool for presenting their task organization. Future iterations will focus on optimizing performance, enhancing collaboration features, and incorporating additional functionalities to further meet the diverse needs of our users.



### 3.0 The UI for the application with explanation

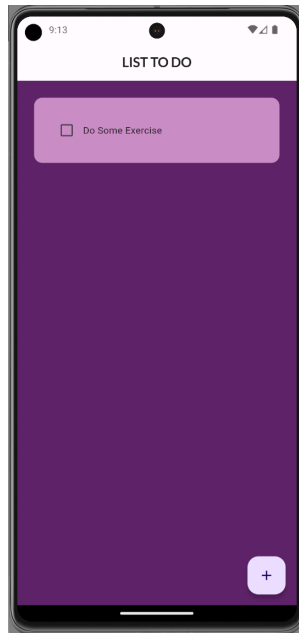


Figure 3.0

This application displays a list of interfaces to perform applications that make it easier for users or students to record or organize their schedule by clicking the new task section.

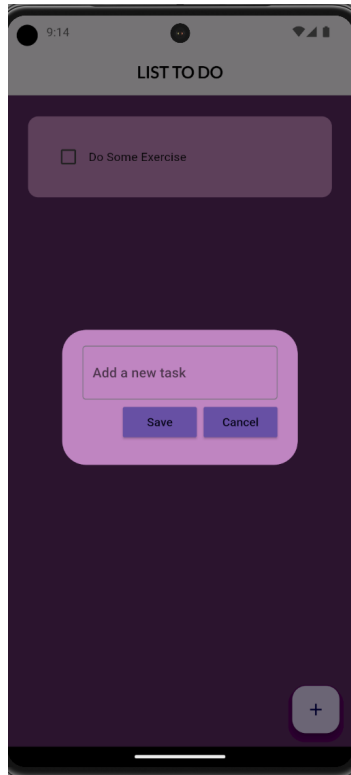


Figure 3.1

This view shows when clicked to add a new task using the AlertDialog package. This button also provides save and cancel.

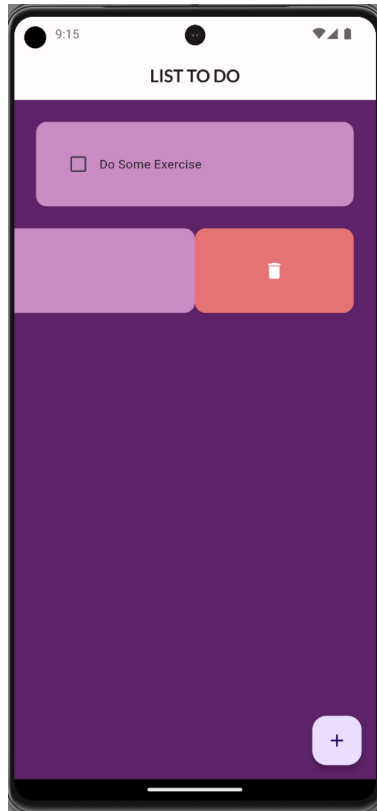


Figure 3.2

This interface displays the part of the task to be completed by ticking the part of the small box. The delete function is in the constructor. When the task is finished, slide to the left of the box to delete using the Slideable package library.

#### **4.0 Potential commercial value and the pricing of the prototype**

The List To Do Management App prototype presents a significant commercial value owing to its tailored approach to the unique needs of university staff and students. Its key features cater to the academic environment, providing a specialized solution for efficient task management, collaboration, and communication. The application's potential commercial value lies in the aspects with a focus on the university environment, this app taps into a specific niche with distinct needs. This targeted approach enhances its relevance and appeal to universities seeking a comprehensive and purpose-built task management solution.

Developing a pricing strategy for List To Do App involves considering the value it brings to its users and the financial sustainability of the product. The suggested such as Premium Model that can offer a basic version of the app for free, allowing users to experience essential features. This encourages widespread adoption and serves as a gateway to the premium features.



## 5.0 Lesson Learned

During the development of the List To Do prototype, several lessons were learned:

1. The importance of a user-centric design approach for better user engagement.
2. Universities have diverse workflows. Ensure ListToDo is adaptable to accommodate varied course structures and administrative processes.
3. Balancing simplicity and functionality is key to creating an effective list to do application.
4. Prioritize user feedback and iterate design based on real-world usage to enhance user satisfaction and app effectiveness.
5. Recognize the collaborative nature of university projects. Strengthen collaborative features for effective teamwork and coordination.

## **6.0 Conclusion**

In conclusion, the development of our advanced Notes Application aims to simplify the note-taking experience. By combining flexibility, efficiency, and user-friendly design, the application is poised to address the limitations of traditional methods. Users can expect a versatile platform that caters to various note types, enhances organization, boosts productivity, and ensures accessibility from any device. The envision a future where note-taking becomes a seamless and empowering aspect of everyday life with this application. The lessons learned during the development process will contribute to future improvements and innovations.

## 7.0 References

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