



UNIVERSITI MALAYSIA TERENGGANU
FACULTY OF OCEAN ENGINEERING TECHNOLOGY & INFORMATICS
CSM3114
FRAMEWORK BASED MOBILE APPLICATION DEVELOPMENT

PROJECT 1:QUICKNOTES

Prepared by:

NAME:ANIS NAZIFFA BINTI MAT DIN

MATRIC NUMBER:S61963

Prepared for:

DR MOHAMAD NOR BIN HASSAN

[BACHELOR OF COMPUTER SCIENCE(MOBILE COMPUTING) WITH HONORS]
SEMESTER I 2023/2024

TABLE OF CONTENT

1.0 Executive Summary	3
2.0 Prototype Design	4
2.1 Home Screen	4
2.2 Add Note Screen	4
3.0 UI for the application	5
3.1 Home Screen	5
3.2 Add Note Sreen	6
4.0 Potential Commercial Value and Pricing Prototype	7
5.0 Lesson Learned	8
6.0 Conclusion	8
References	9

1.0 Summary

The QuickNotes app prototype is a robust and user-friendly mobile application. With features like organizing notes by update time and a handy search option for instant access to specific notes, it helps users organize their notes effectively. The aesthetically pleasing user design of the program improves the whole experience by facilitating easy note creation, editing, and organization for users.

QuickNotes is based on the Flutter framework, offers a powerful platform for quickly creating, editing, and organizing their notes. It is simple for users to group their notes according to when they were last updated, guaranteeing that the most pertinent data is retrieved quickly. The application's aesthetically beautiful and user-friendly design provides an additional level of accessibility.

QuickNotes stands out as a user-friendly mobile application crafted using Flutter. Those looking for a smooth and aesthetically beautiful note-taking experience will find what they're looking for in its noteworthy features, which include the option to arrange notes by modification time and a handy search tool. The software is a great option for anyone who want to organize their notes easily because of its strong functionality and ease of use.

2.0 Prototype Design

2.1 Home Screen

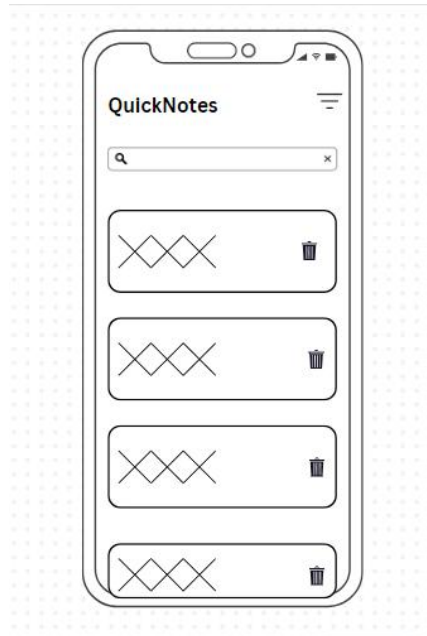


Figure 1 Home Page

2.2 Add Note Screen

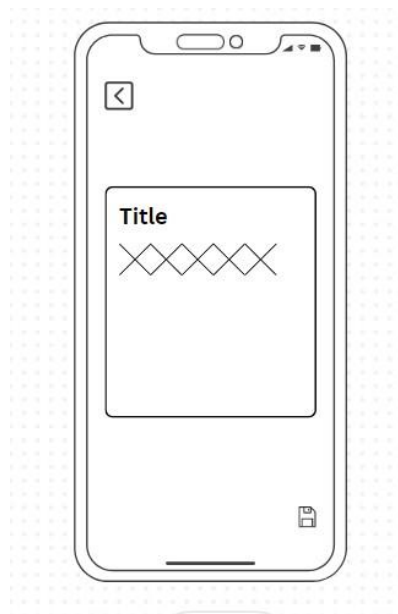


Figure 2 Add Note

3.0 User Interface

3.1 Home Page

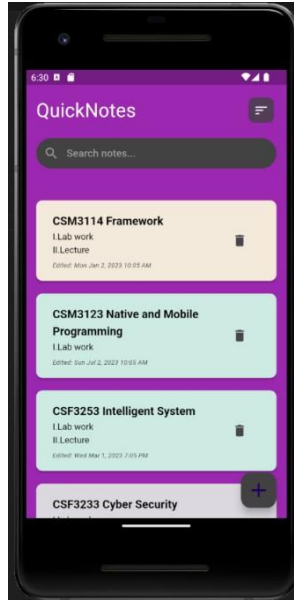


Figure 3 UI for Home Screen

The home screen for QuickNotes mobile app such as figured in Figure 3 is a simple and user friendly design that show detail overview list of the notes. The list is based on what the user has add previously on 'Add Screen'. If the user has not yet add anything, the list will not be displayed. User can also type a search query to search specific notes from the list. Next, user can also using 'filterednotes' to allow users to quickly find the information they need within their notes. Then, it has delete button that function when the user tap on it, it will give between yes or no and remove the notes from the list.

3.2 Add Note Page

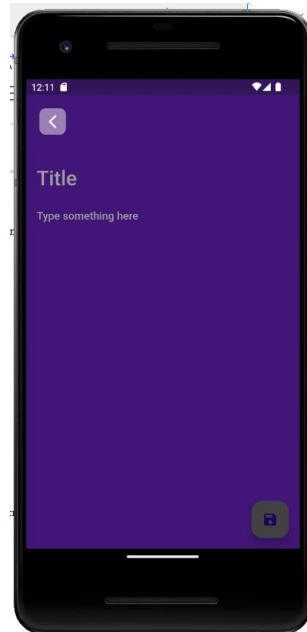


Figure 4 UI for Add Note Screen

Figure 4 shows 'Add Notes Screen ' for QuickNotes mobile app. It is a user-friendly design that allows users to add the title and description of the notes. It also has a save button to make sure users can save the notes and it will pop up on the home screen.

4.0 Potential Commercial Value and Pricing Prototype

The commercial value of the QuickNotes app is focused on ensuring its success and generating revenue. Aspects like what makes it unique, how many people enjoy using it, and revenue-generating strategies like showing advertisements or charging for extra features are taken into account. Even though QuickNotes is only a basic note-taking tool, it has the ability to make money by offering users premium capabilities or by showing support advertisements. As more people discover that the app is pleasant, its value rises, and user funding is essential to its long-term viability.

In simpler terms, making QuickNotes a successful app in addition to an excellent one ensures its commercial worth. Users' experience is prioritized with choices to pay for services they might find interesting and the ability to display adverts as needed to keep the site running. Making QuickNotes not just a helpful tool but also a presence that grows and endures over time is the goal.

The QuickNotes app prototype's price is established by taking into consideration a number of variables, including functionality, target market, and perceived value. Various price methods are taken into consideration, such as the one-time purchase, in-app purchase, subscription, and premium models. The app's ability to earn money for its features and satisfy user preferences is what determines its commercial worth. Market research, rival pricing, and user input will all have an impact on the price approach that is ultimately decided upon, ensuring that the prototype may possibly make money while offering consumers a worthwhile and satisfying experience. In the end, the prototype's cost is a key component of its business plan, trying to find a balance between customer affordability and sustainability for the app's growth and development in the future.

6.0 Lesson Learned

The QuickNotes app has taught us the importance of simplicity and designed for users design. QuickNotes became an easy note-taking application by emphasizing simple functionality, a clean layout, and intuitive interactions. The incorporation of crucial features, such effortless note generation, effective search options, and an organized deletion processes, shows that the app's success is highly reliant on paying attention to user needs and making it simple to use. Beyond just taking notes, the lesson emphasizes how an application's usability and general attractiveness may be improved by keeping it simple and focused on the user experience.

7.0 Conclusion

To sum up, the QuickNotes app is proof of the effectiveness of user-centered design and simplicity in the field of mobile applications. During the process of developing it, we discovered that an app can be made more user-friendly and productive by emphasizing a simple and clean layout in addition to important features like quick note writing and powerful search capabilities. A delete button with a confirmation step is a clever addition that enhances user security. QuickNotes is more than just a note-taking software, it's also a dedication to giving consumers a convenient and pleasurable tool. The process of developing QuickNotes serves as a reminder of the timeless lesson that successful and user-centric mobile application design requires a combination of simplicity and an understanding of user demands.

References

Flutter tutorial.(2019)- online tutorials library. Tutorialspoint. Retrieved from
https://www.tutorialspoint.com/flutter/flutter_tutorial.pdf

Dart Team. (2023). List class. Flutter API reference. Retrieved from
<https://api.flutter.dev/flutter/dart-core/List-class.html>

Flutter Team. (2024, January 6). showDialog function. Retrieved from
<https://api.flutter.dev/flutter/material/showDialog.html>