DESIGN THINKING

Let's start!

Group 10

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VISIT TO UTMDIGITAL

Lecturer Accompanied :DR AZURAH
(Senior Lecturer in Faculty of Computing)

Student capacity :69 pax

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GROUP 10

SECTION1

FACULTY OF COMPUTING

Abdul Wafi

Ammar Yaseer

Manisha

Fadlin Afina

Cheah Zi Feng

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CONCLUSION

1 DO THE ACTIVITIES GIVE BENEFIT TO THE STUDENT?

The visit benefited us (students) by demonstrating how the workplace runs, allowing us to try out new technologies (HUAWEI IdeaHub), and explaining the significance of the data centre. These experiences not only provided us with a peek into how UTMDigitals operates, but also challenged our assumptions about office work, demonstrating its dynamic and entertaining character.

2 HOW DO THESE ACTIVITIES IMPACT ON THE OUTCOME OF THE COURSE/SUBJECT?

These activities make the subject matter more relevant and practical. They demonstrate real-world applications, assisting us in better understanding the subject and preparing us for the actual job environment.

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CONCLUSION

3 DO YOU LEARN SOMETHING IMPACTFUL FROM THE ACTIVITY?

Yes of course!We got a really great exposure in the IT industry which really motivate us to look forward in our future careers in this field.

4 DO THE ACTIVITIES SPARK EXCITEMENT/INTEREST AMONG THE STUDENT?

Absolutely! The students were atttracted by the facilities that are in the UTMDigital.Everyone had fun exploring around and asking question.

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CONCLUSION

5 **DO YOU FEEL THAT VISITING THE ORGANIZATION AND ATTENDING THE TALK HELPS YOU LEARN THE COURSE MATERIAL BETTER?**

Yes, seeing how it was run and attending the discussion expanded my knowledge, making the course material appealing and useful.The UTMDigital staff was helpful and welcoming!The visit gave us new knowledge about how workplaces operate and introduced us to innovative technology, enhancing ourlearning experience.

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INTRODUCTION

Design thinking is a mindset and innovative problem-solving anchored around human-centered. Design thinking can create new things or modify the existing application to fulfill the user's requirements.

SmartMoney results from a design thinking journey, a powerful tool to be your trustworthy financial partner. SmartMoney is a practical answer to a pervasive issue that plagues students, professionals, and families. SmartMoney is more than just an app; it's your dependable financial partner. With this powerful tool, you will find managing your money to be less of a headache and more of a hassle-free experience.

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STEPS AND DESCRIPTION IN DESIGN THINKING

1. Emphatize
2. Define
3. Ideate
4. Prototype
5. Test

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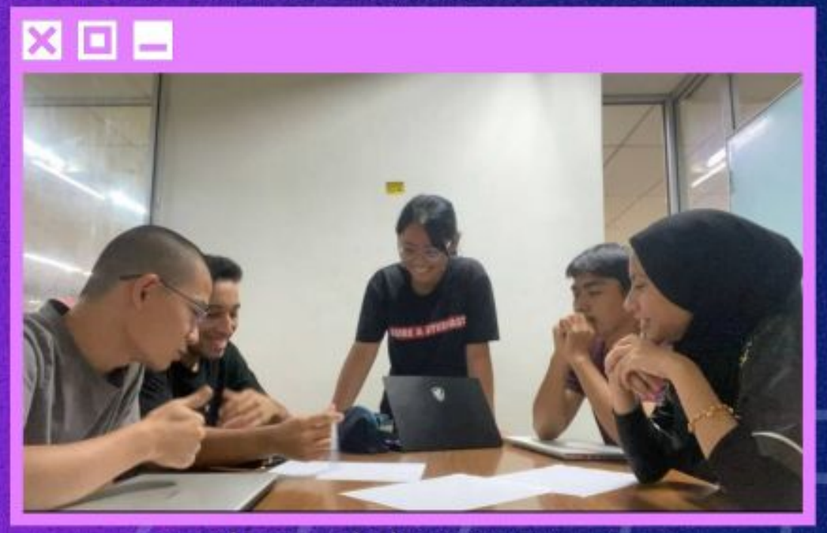
STEPS AND DESCRIPTION INCLUDE PROBLEM, SOLUTION, TEAM WORKING

Problem statement

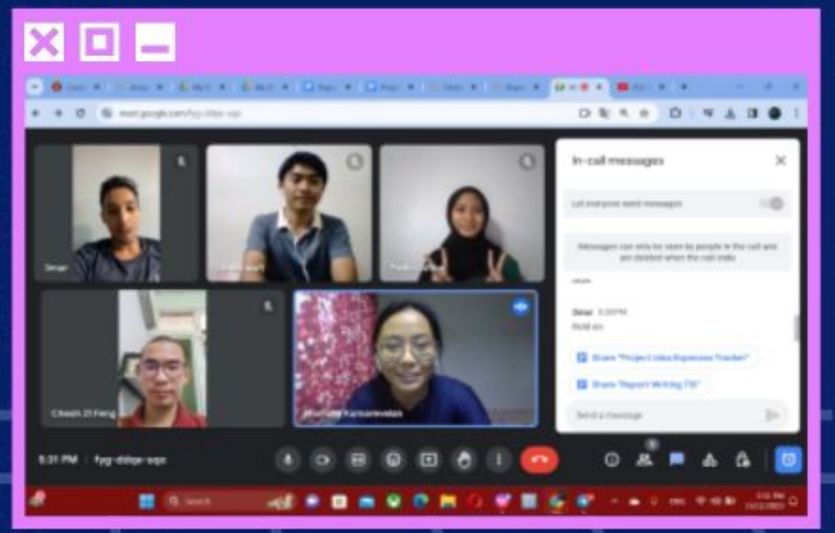
- Lack of financial knowledge
- Ineffiecient tracking and budgeting
- Limited access to suitable tools

Solution

- A space to share financing knowledge
- User-friendly interface
- Provide essential function



physical discussion



online meeting

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DESIGN THINKING ASSESSMENT POINTS

1 THE END OF THE PROJECT DEMONSTRATION

- We assess our solution's effectiveness based on user feedback.
- Our team demonstrated effective collaboration during the project.

2 THE TRANSITION BETWEEN DESIGN THINKING PHASES

- Successfully executing detailed plans.
- Effective teamwork allowed us to excel in each design thinking phase.

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DESIGN THINKING EVIDENCE

Empathize

Q: DO YOU FIND MAINTAINING A GOOD HABIT OF TRACKING AND BUDGETING SEEMED LIKE A STRUGGLE TO STAY MOTIVATED?

A: THE SHORT ANSWER WOULD BE YES, BECAUSE LIFE CAN GET PRETTY HECTIC, CAN GET BUSY WITH CLASSES OR WITH MY LIFE. AND I DO TEND TO FORGET OTHER PRIORITIES THAT I HAVE TO MAINTAIN, OTHER THAN RECORDING MY FINANCIAL AND OTHER STUFF.

Q: HAVE YOU ENCOUNTERED CHALLENGES IN UNDERSTANDING EFFECTIVE MANAGEMENT IN FINANCE STRATEGIES?

A: YES, SOMETIMES I FEEL LIKE IT'S VERY DIFFICULT IN MANAGING FINANCE AND I THINK I NEED MORE GUIDANCE AND INFORMATION ABOUT IT

Q: HAVE YOU EVER FELT THAT THE TOOLS AVAILABLE FOR MANAGING FINANCES ARE JUST TOO COMPLICATED OR COSTLY?

A: YES, I HAVE. FOR ME (THE TOOLS) IT'S TOO COMPLEX AND EXPENSIVE, WHICH DOESN'T FIT MY SITUATION. AND IT LED TO SERIOUS MISMANAGEMENT IN MY FINANCES

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Define

- Many users struggle with overspending and accumulating debt due to a lack of budgeting knowledge.

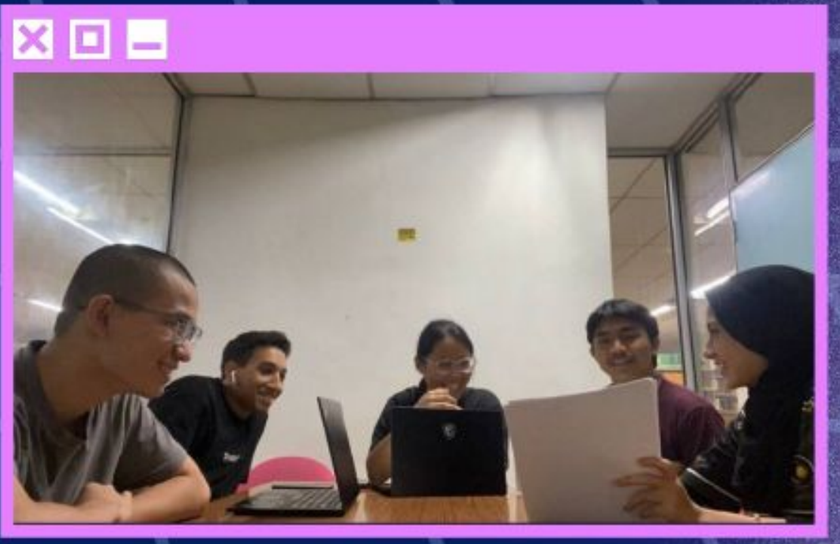
Our solution is to create a community within the Smart Money app where users can share insights and guidance on managing expenses.

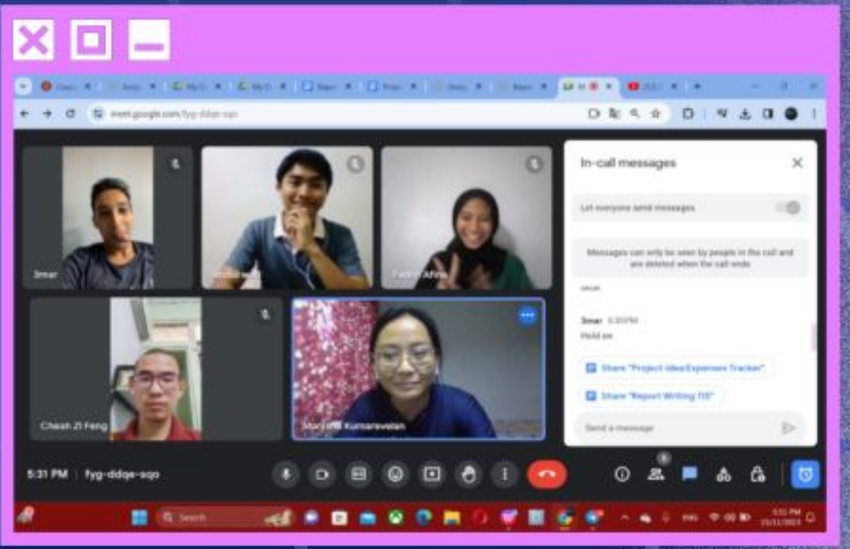
- Another challenge is users' difficulty in tracking expenses consistently.

To address this, we design the app to appear simple and user-friendly, making expense tracking feel easy and accessible.

- Limited access to suitable financial tools is also a problem, often due to complex interfaces and subscription requirements.

The solution is to streamline our Smart Money app, focusing on essential functions and ensuring a straightforward onboarding process for users' basic financial information.





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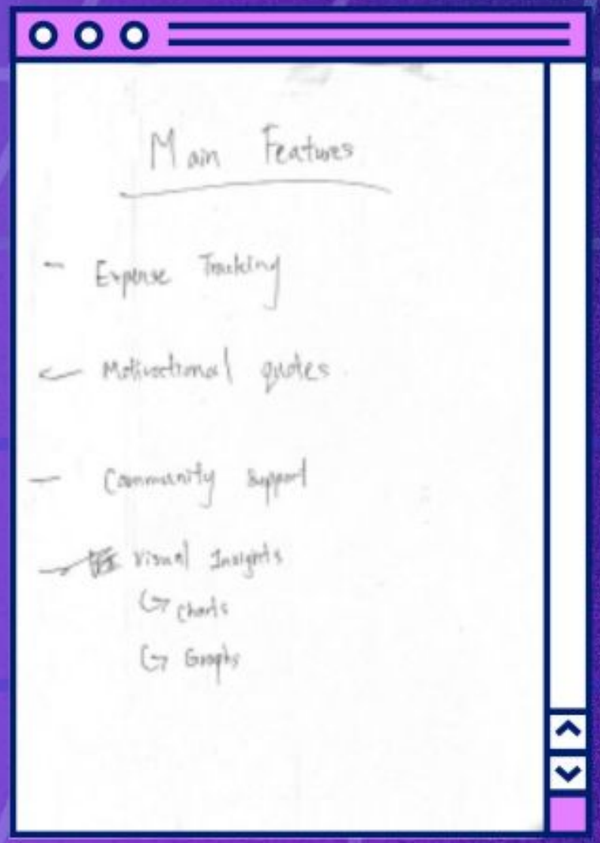
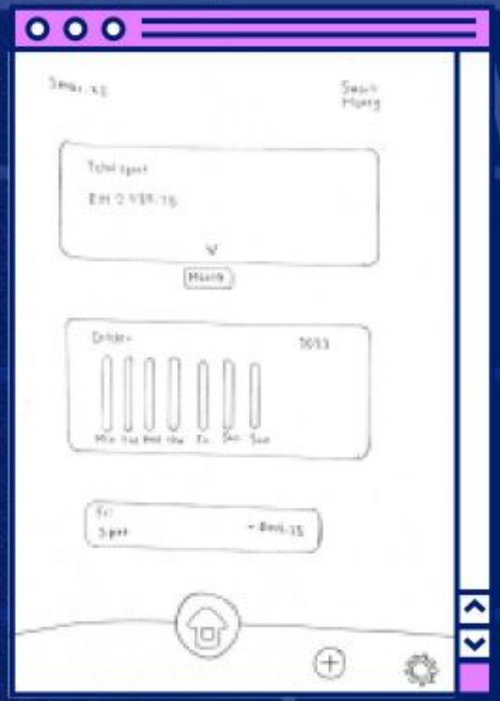
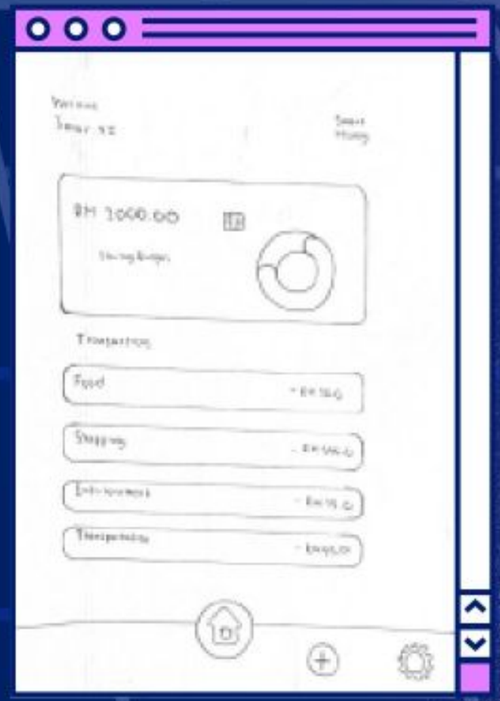
Ideate

WE DISCUSSED SUITABLE FEATURES AND IMPROVEMENTS THAT COULD BE MADE TO THE APP. HERE IS THE SKETCHES INCLUDED APPROPRIATE SUGGESTIONS FROM THE SURVEY AND SUITABLE FEATURES THAT ARE USEFUL FOR THE USERS. ONCE WE REACHED AN AGREEMENT FOR THE SKETCHES, WE BEGAN TO MAKE THE PROTOTYPE ON CANVA







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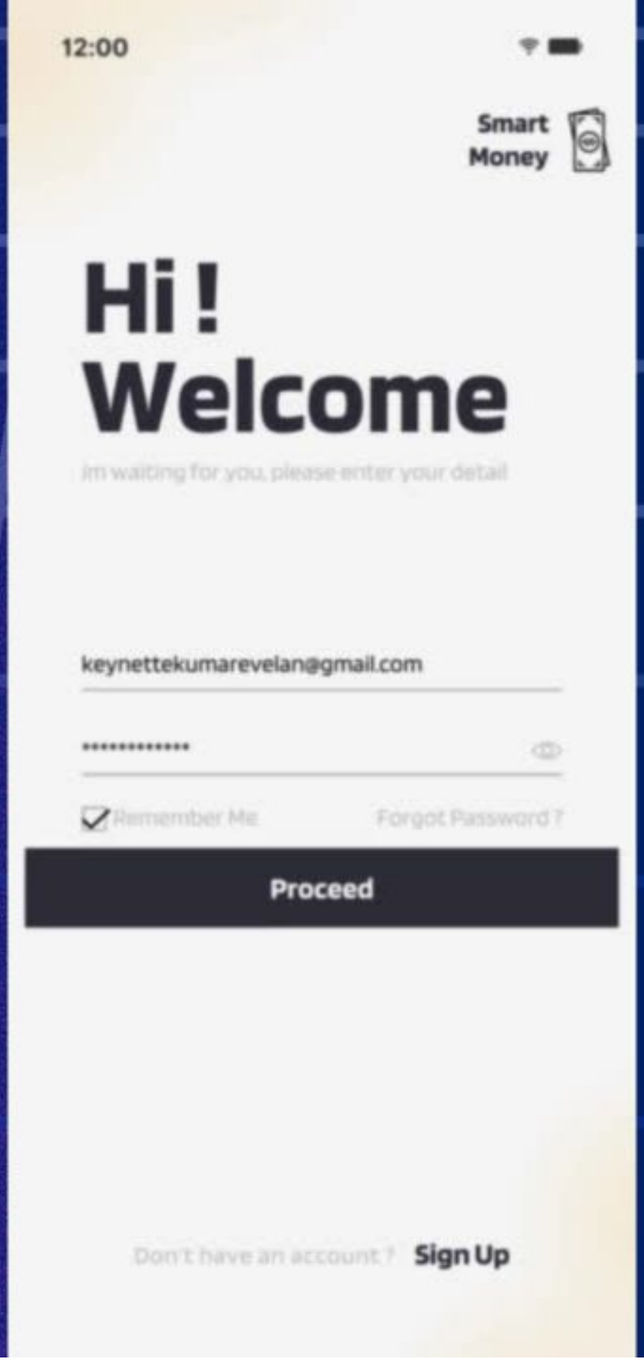

VIDEO

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Prototype

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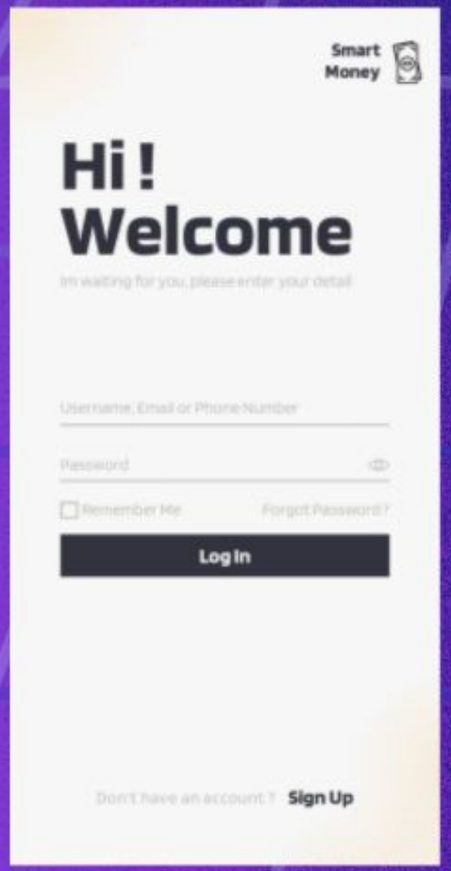

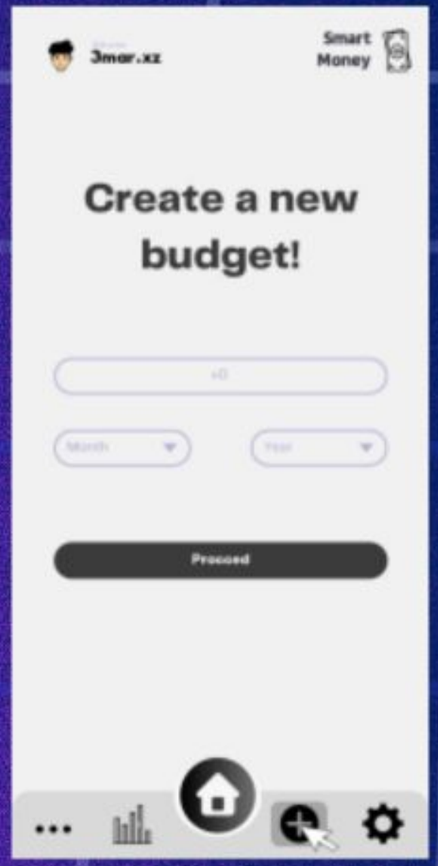

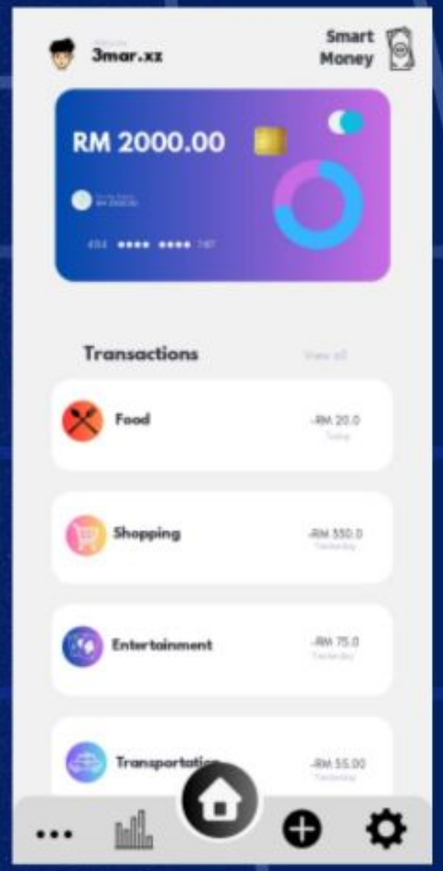

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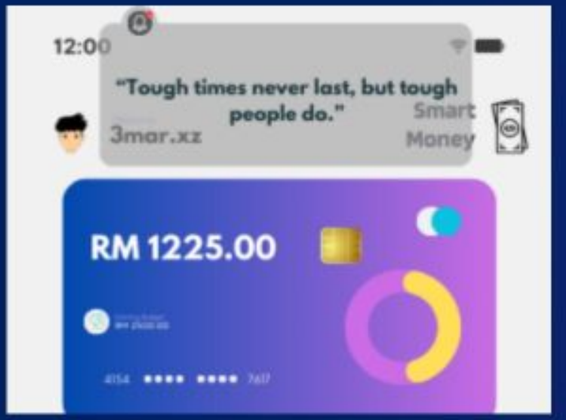
1

- Daily Allowance Calculator
- Saving
- Recommended Plans

3

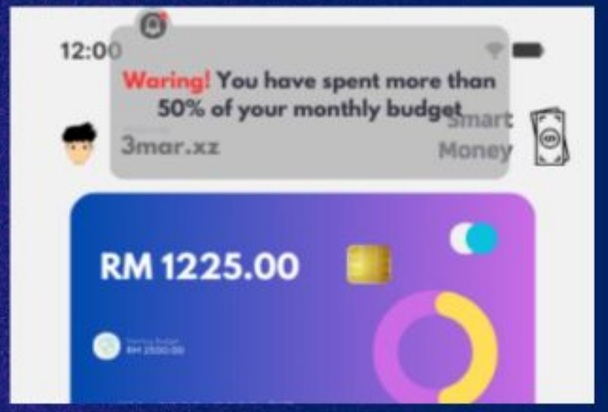
-Card Info
-Notifications
-Account Info
-Language

5 motivational quotes



2 Community and Support

4 Budget Exceeded Alert



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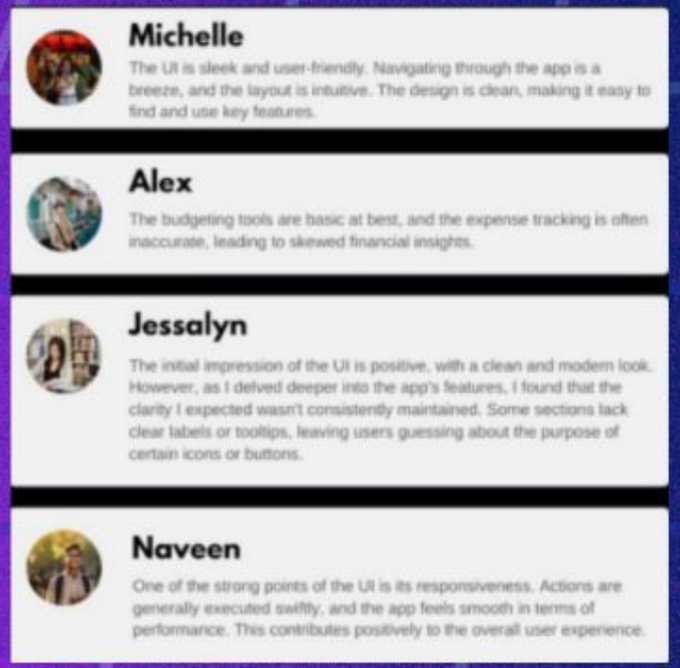
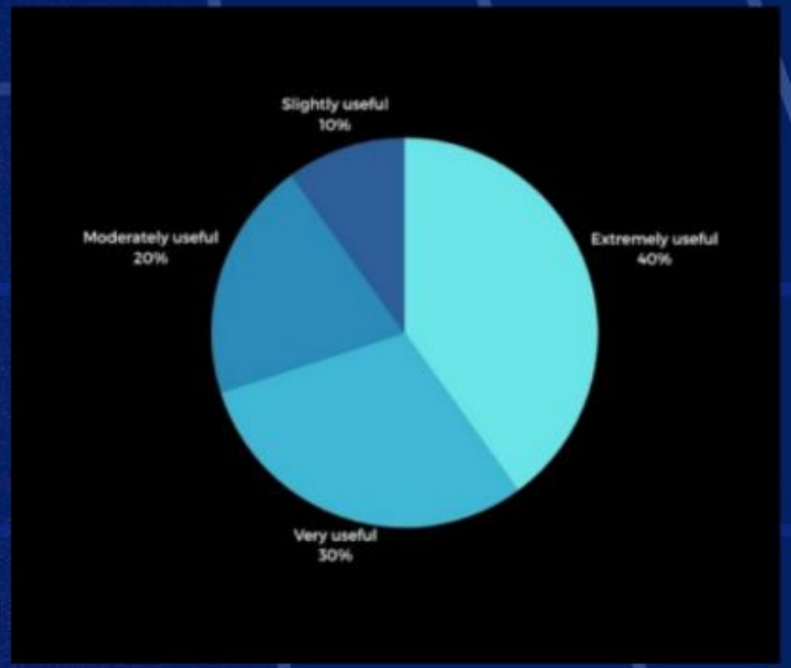
Test

USER'S FEEDBACK AND RESPONCES

Some suggestions made by the user

- Enhance the expense tracking system to be more efficient and can be further detailed so users can have a better insight into their financial expenses.
- More detail labels on every icon so that users can navigate easily in the app
- Overall few features and the interface can be improved by giving it more detail





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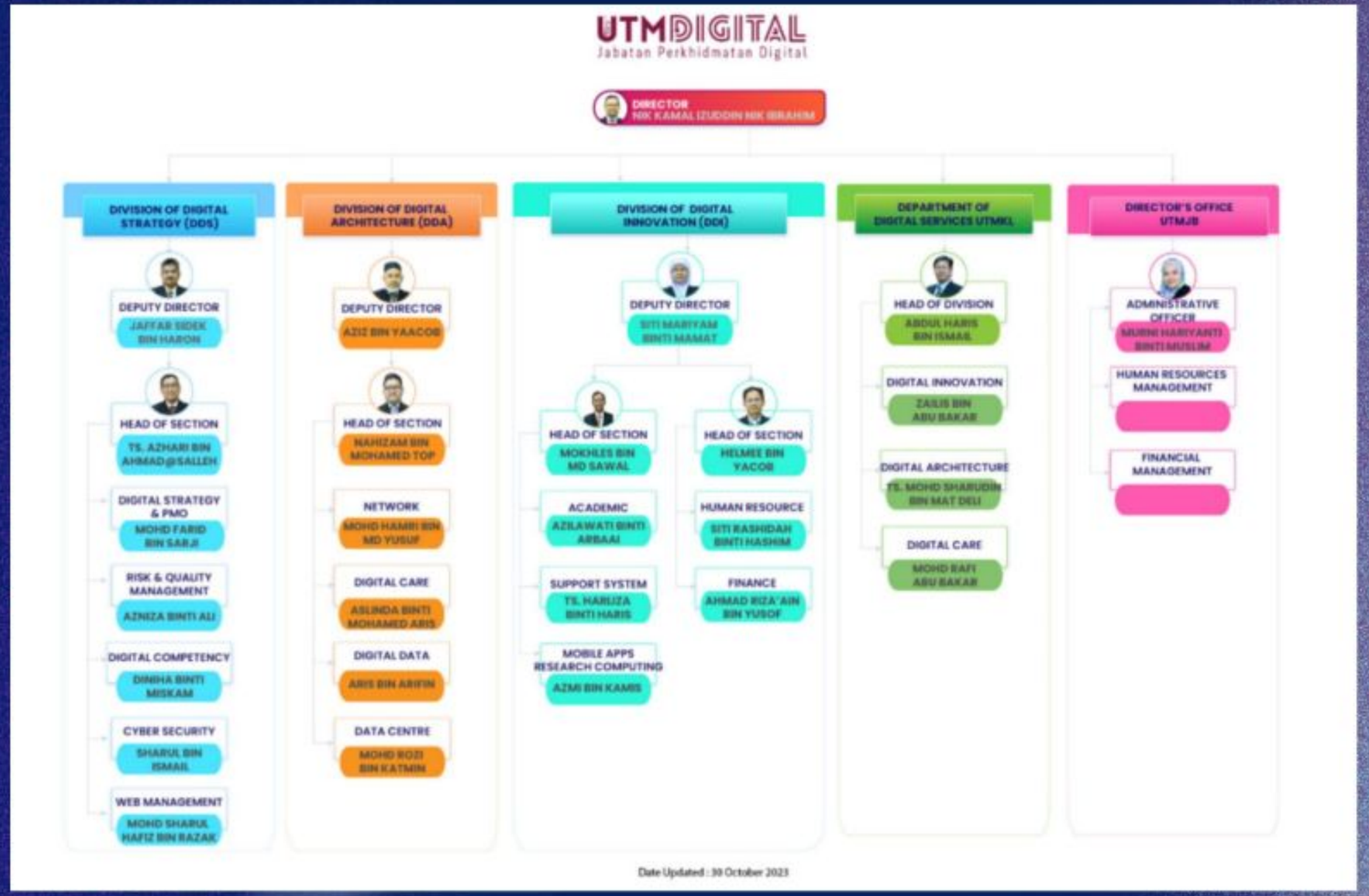
DIRECTOR OF UTMDIGITAL

MR. NIK KAMAL IZUDDIN NIK IBRAHIM

STRUCTURE



VISION & MISSION

VISION

Digital University Driver

MISSION

Strengthening academia-centric service delivery through data driven digital ecosystem

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SERVICE AND RELATED INFORMATION

- UTMID = UTMID is unique identification (ID) assigned to a user to authenticate a user before accessing UTM network, ICT applications and services including UTMWIFI, MyUTM portal and UTMSmart.
- Email
- Software = Microsoft 365, NVIVO(latest 2022), IBM SPSS, Matlab – Campus Wide License
- Application
- ICT Security
- Project Management
- Data Centre
- Even Support
- Quality Assurance
- Network
- ICT Policy & Guideline
- Websites

TEAM

- Top Management
- Diresctor's Office
- Division of Digital Strategy (DDS)
- Division of Digital Architecture (DDA)
- Division of Digital Innovation (DDI)
- UTMIDKL
- UTM-Synergy Programme

To know more : https://digital.utm.my/

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THANK YOU!

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