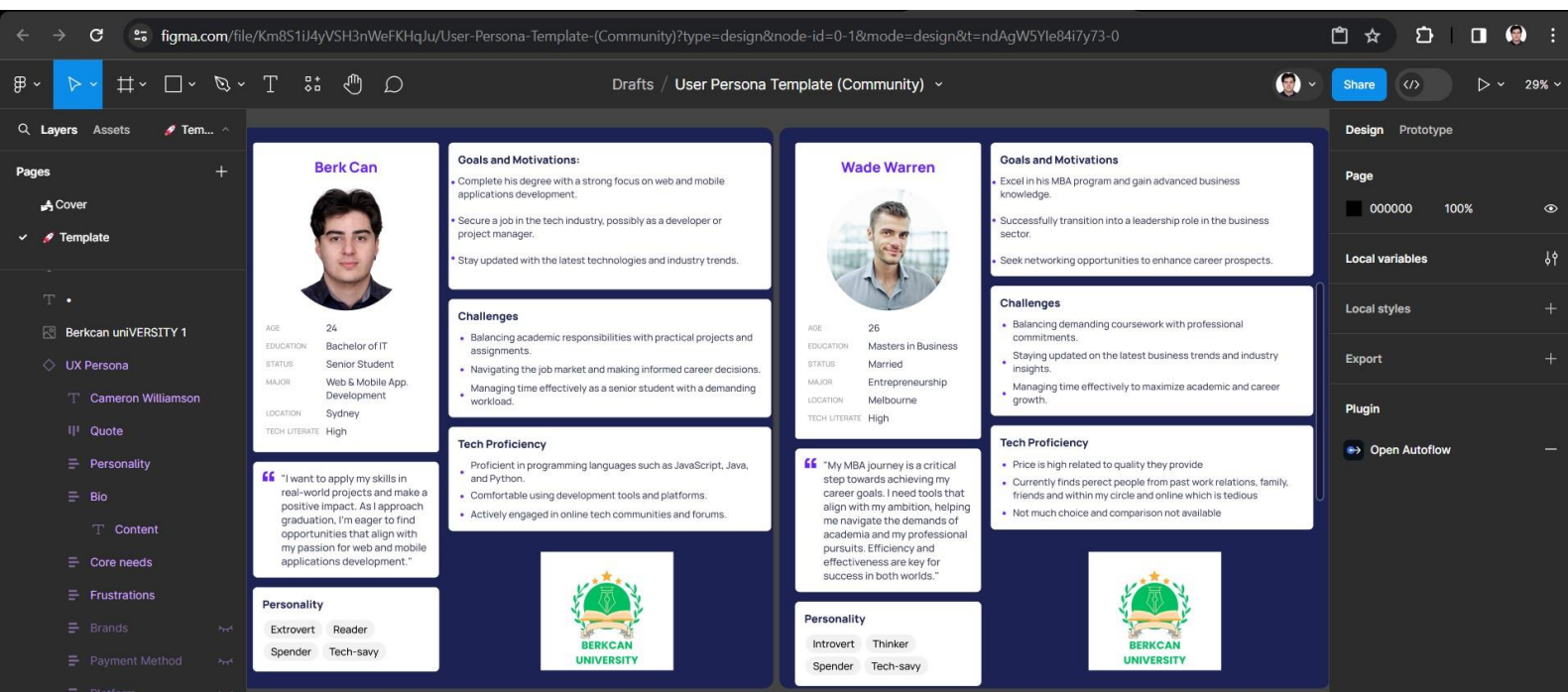


Assignment 1: Mock up.

Scenario: University Course Registration App

1-USER PERSONAS

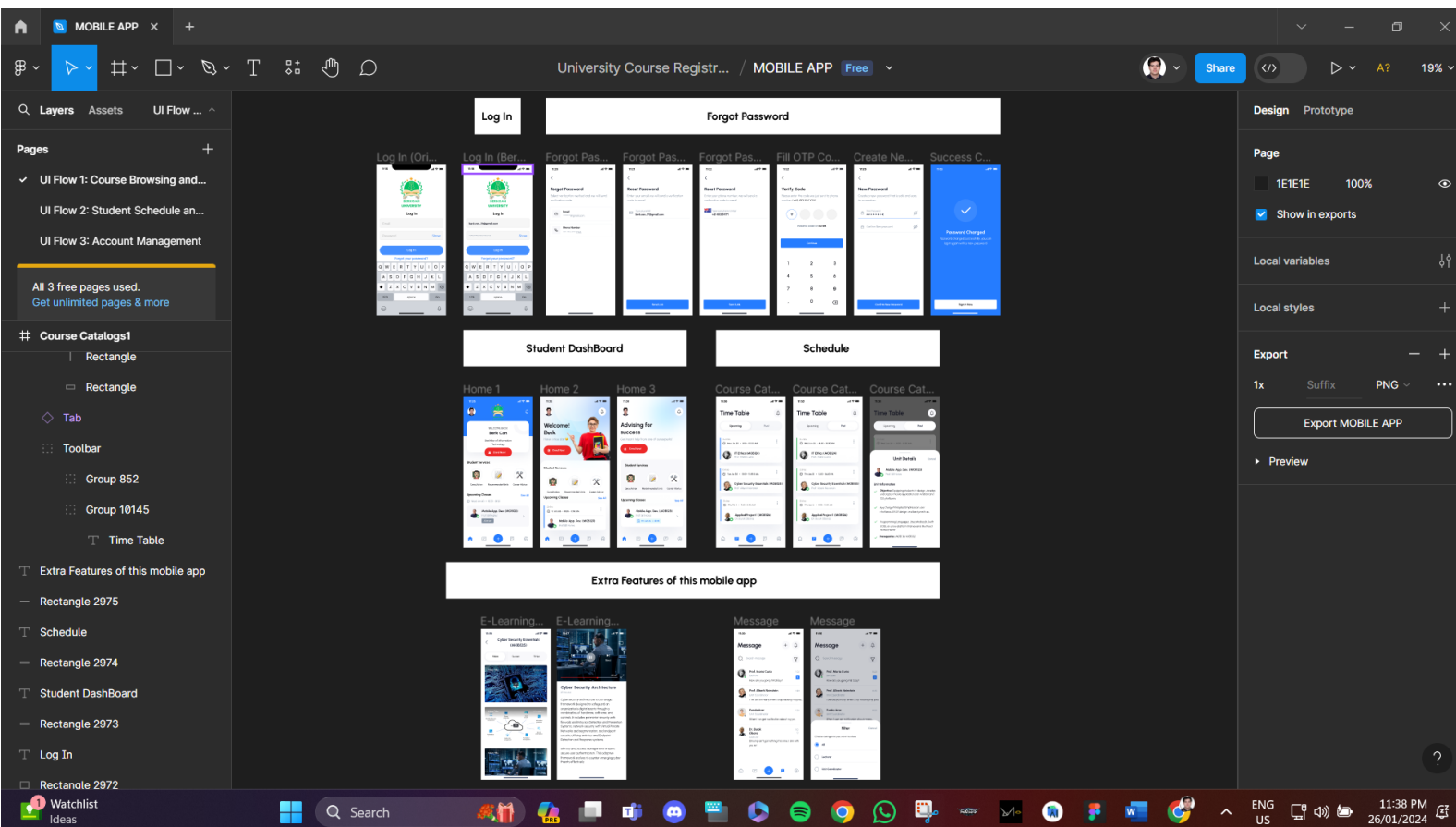


User 1: Berk Can

User 2: Wade Warren

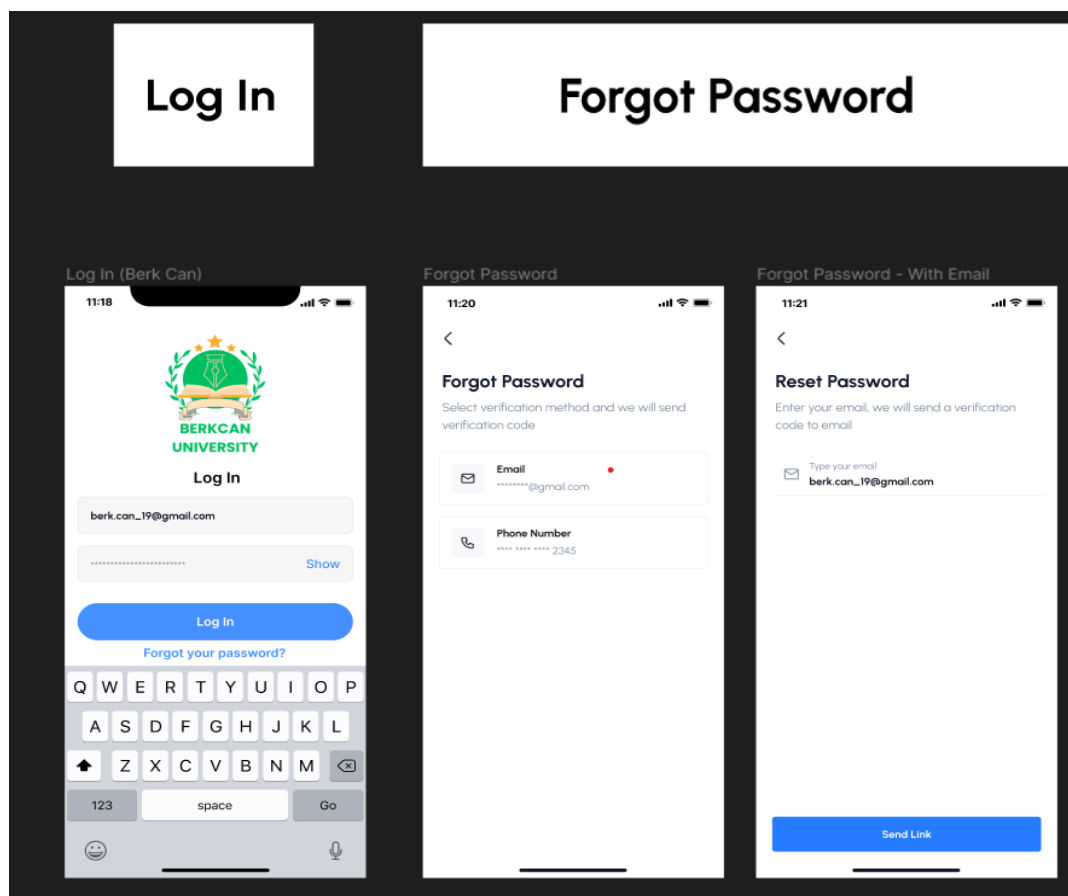


2-UI FLOWS AND DESIGN



General Overview of UI Flow 1

UI Flow 1 – User Persona 1 – Berk Can



Forgot Password


Forgot Password - With Phone

11:22

<

Reset Password

Enter your phone number, we will send a verification code to email

 Type your phone number
+61 483554171

Send Link

Fill OTP Code

11:22

<

Verify Code

Please enter the code we just sent to phone number (+61) 483 554 XXX

9

Resend code in 00:48

Continue

1 2 3
4 5 6
7 8 9
. 0

Create New Password

11:23

<

New Password

Create a new password that is safe and easy to remember

New Password
••••••••

Confirm New password
••••••••

Confirm New Password

Success Changed

11:23

✓

Password Changed


Password changed successfully, you can login again with a new password

Sign In Now

Student DashBoard

Home 1




11:25



WELCOME BACK!
Berk Can
Bachelor of Information Technology


Enrol Now!

Student Services

 Consultation  Recommended Units  Career Advice

Upcoming Classes


Wed Jun 20 • 8:00 - 8:30

 **Mobile App. Dev. (MOB123)**
Prof. Bill Hates

Allocate

Home 2




11:25



Welcome!
Berk
Have a nice day 😊


Enrol Now!

Student Services

 Consultation  Recommended Units  Career Advice


Upcoming Classes

Online
Fri Jan 26 • 8:00 - 11:30 AM

 **Mobile App. Dev. (MOB123)**
Prof. Bill Hates

Home 3




11:26




Advising for
success
Get instant help from one of our experts!

Enrol Now!

Student Services

 Consultation  Recommended Units  Career Advice

Upcoming Classes

 **Mobile App. Dev. (MOB123)**
Prof. Bill Hates
Fri Jan 26 • 8:00

Schedule

Course Catalogs1

11:30

Time Table


Upcoming

Past

In-class

Mon Jan 29

8:00 - 10:30 AM




IT Ethics (MOB124)

Prof. Maria Curia

Online

Tue Jan 30

10:00 - 11:59.9 AM




Cyber Security Essentials (MOB125)

Prof. Alberk Neinstein

Online


Thu Feb 1


5:00 - 11:30 AM





Applied Project 1 (MOB126)


Dr. Burak Obana











Course Catalogs2

11:32

Time Table


Upcoming

Past

In-class

Wed Jun 20

8:00 - 10:30 AM




IT Ethics (MOB124)

Prof. Maria Curia

Online

Thu Jun 21

12:00 - 16:30 PM




Cyber Security Essentials (MOB125)

Prof. Alberk Neinstein

Online


Thu Jun 21


8:00 - 11:30 AM





Applied Project 1 (MOB126)


Dr. Burak Obana











Course Catalogs3

11:33

Time Table


Upcoming

Past

In-class

Wed Jun 20

8:00 - 10:30 AM




IT Ethics (MOB124)

Prof. Maria Curia

Unit Details

Cancel



Mobile App. Dev. (MOB123)

Prof. Bill Hates


Unit Information


✓ Objective: Equipping students to design, develop, and deploy mobile applications for Android and iOS platforms.


✓ App Design Principles: Emphasis on user interfaces, UI/UX design, and best practices.


✓ Programming Languages: Java (Android), Swift (iOS), or cross-platform frameworks like React Native/Flutter.


✓ Prerequisites: MOB 110, MOB 112











Extra Features of this mobile app


E-Learning Materials

11:36


< **Cyber Security Essentials (MOB125)**

Video Quizzes Slides


Video Title 20 minutes



Video Title 20 minutes




Video Title 20 minutes



E-Learning Materials2

11:47

Previous  Next

-02:47

Cyber Security Architecture

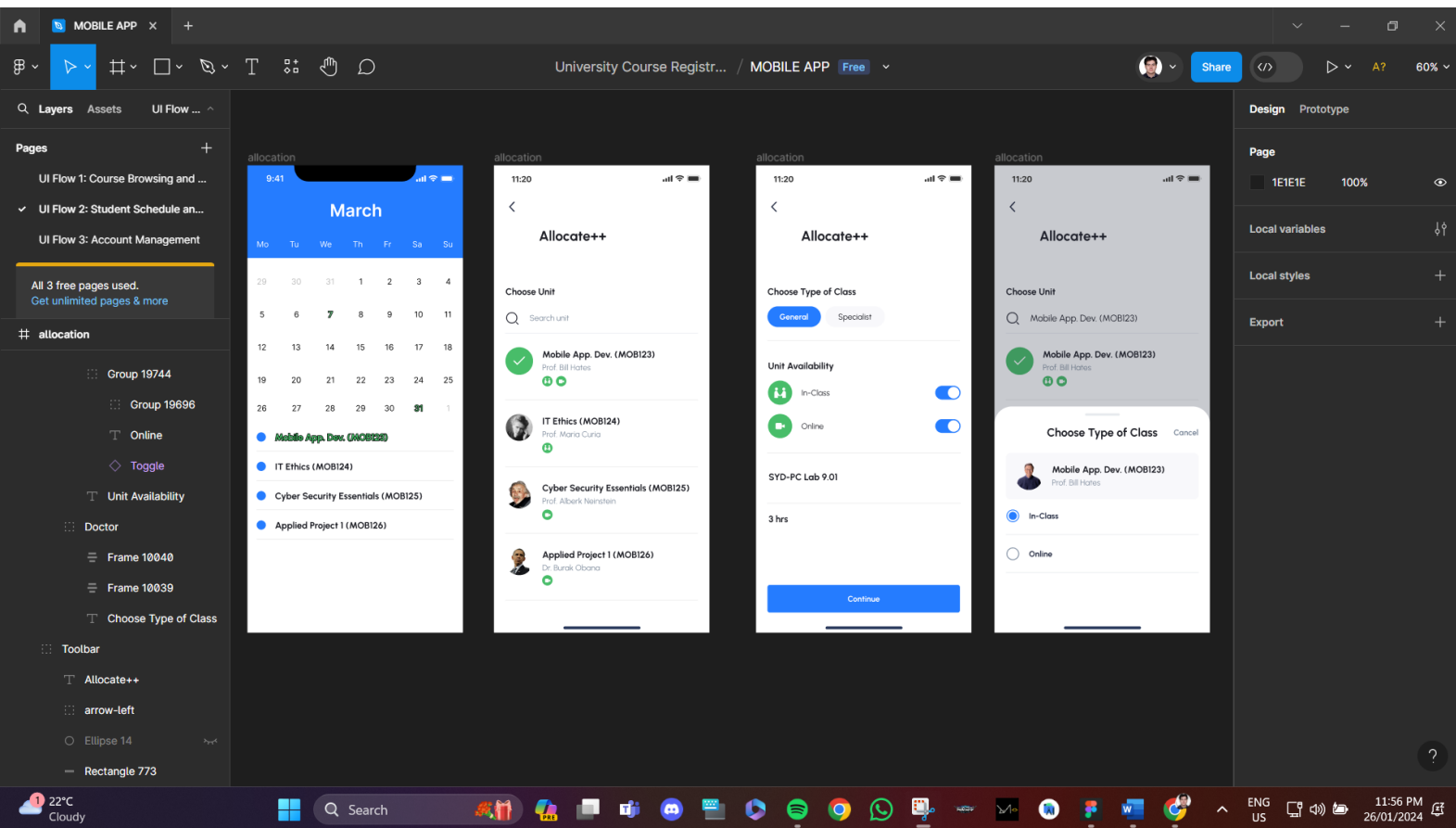
20 minutes

Cybersecurity architecture is a strategic framework designed to safeguard an organization's digital assets through a combination of hardware, software, and controls. It includes perimeter security with firewalls and Intrusion Detection and Prevention Systems, network security with Virtual Private Networks and segmentation, and endpoint security utilizing antivirus and Endpoint Detection and Response systems.

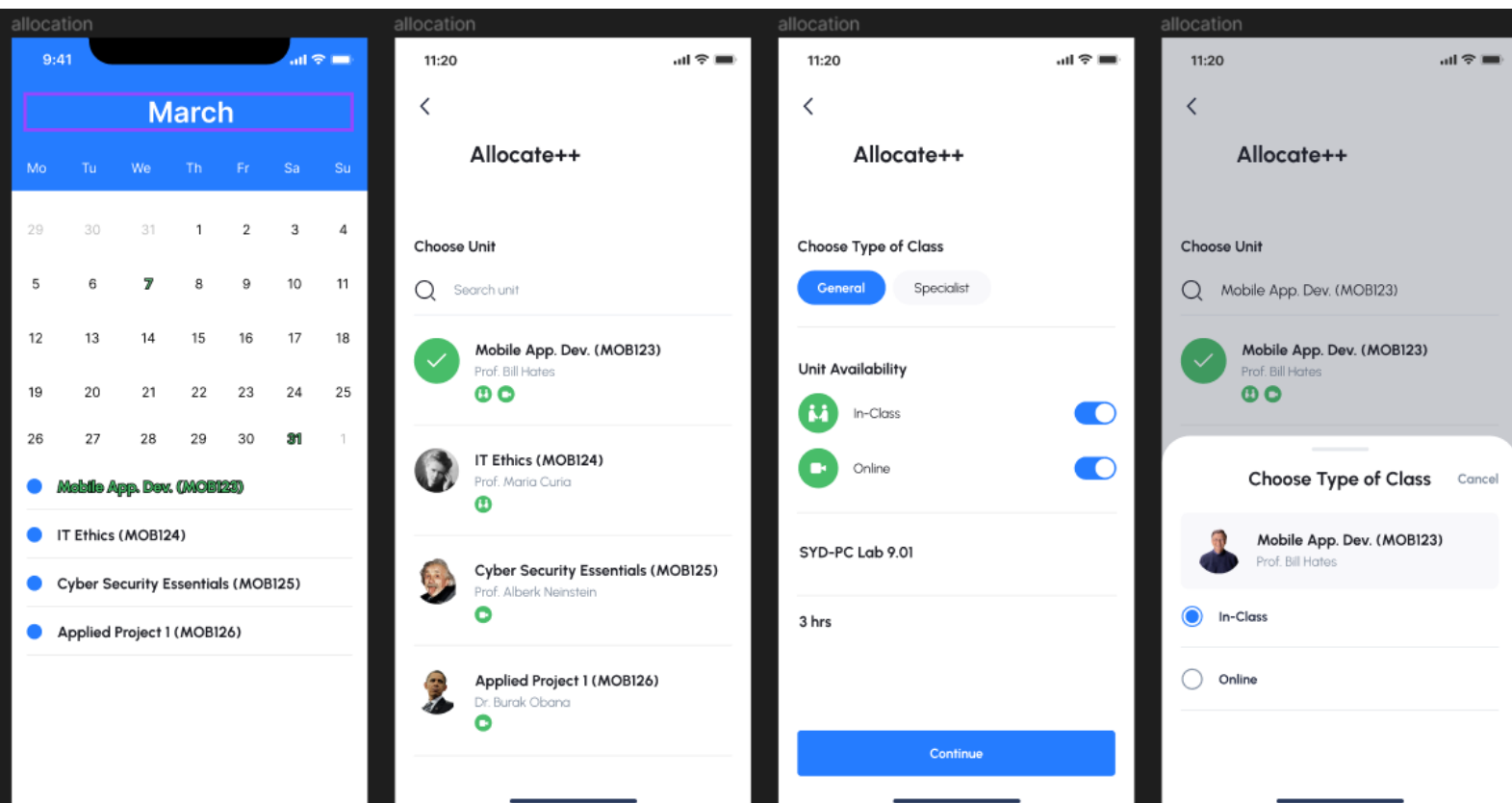
Identity and Access Management ensures secure user authentication. This adaptive framework evolves to counter emerging cyber threats effectively.



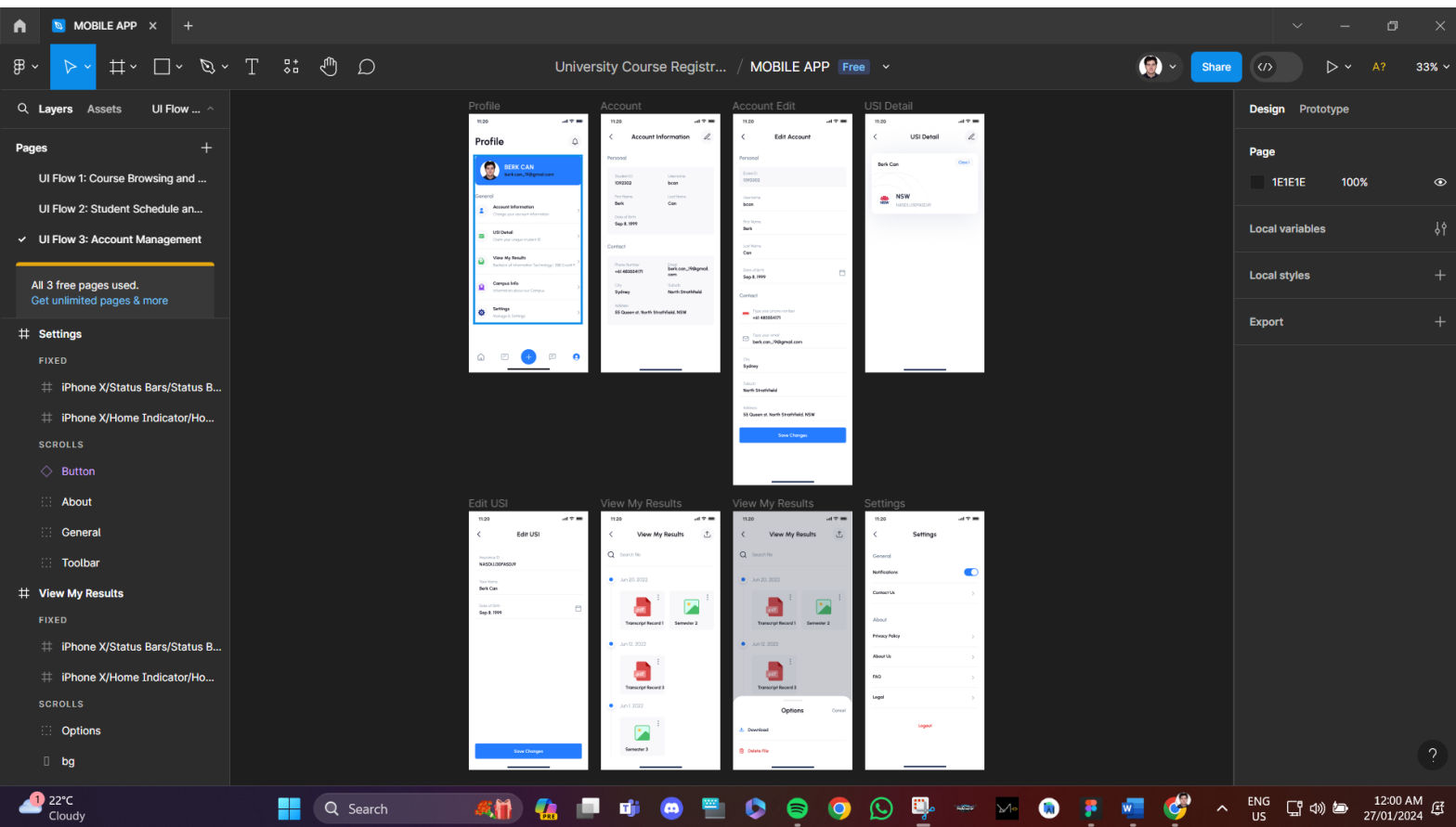
UI Flow 2 – User Persona 1 – Berk Can



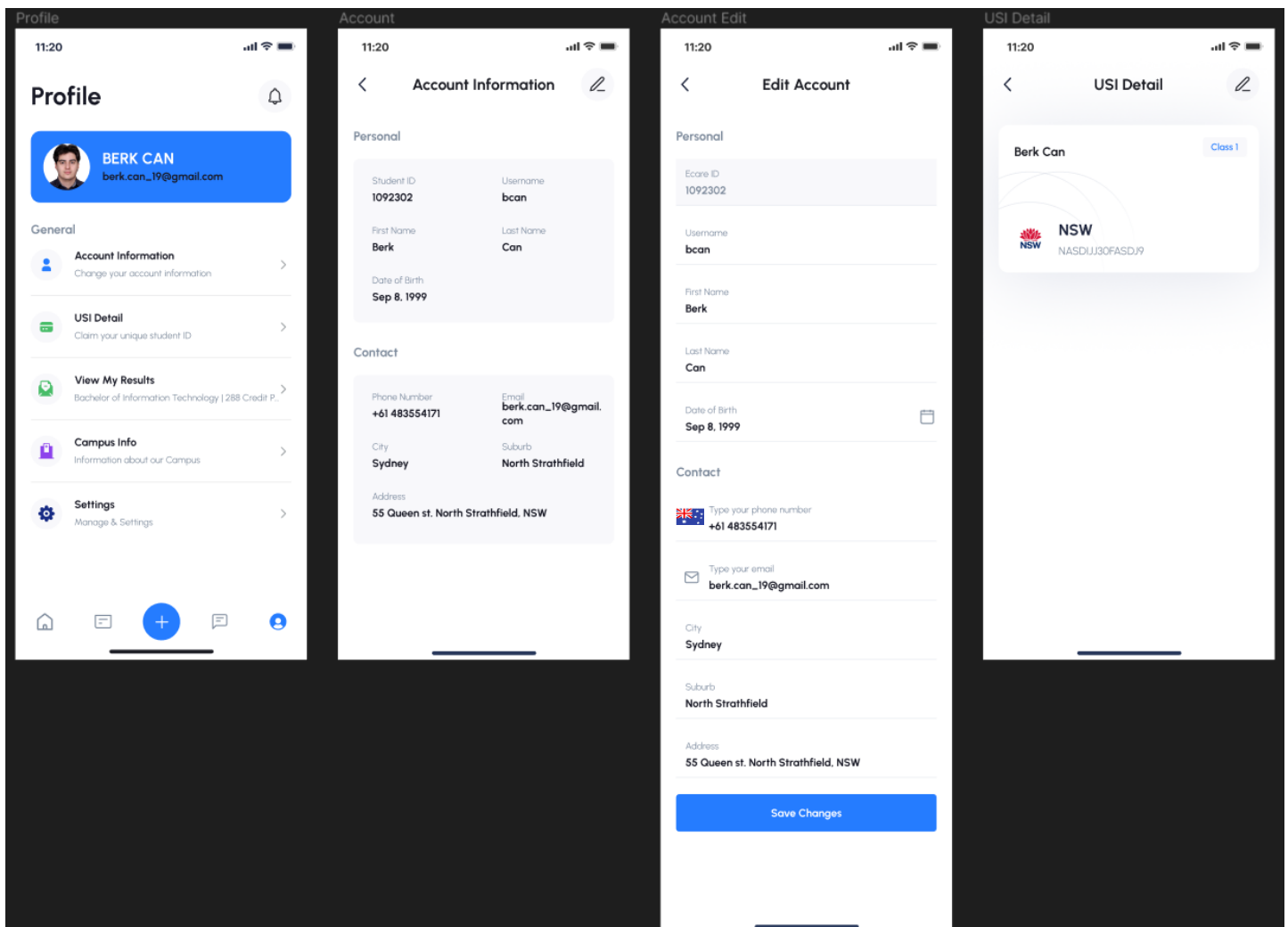
General Overview of UI Flow 2

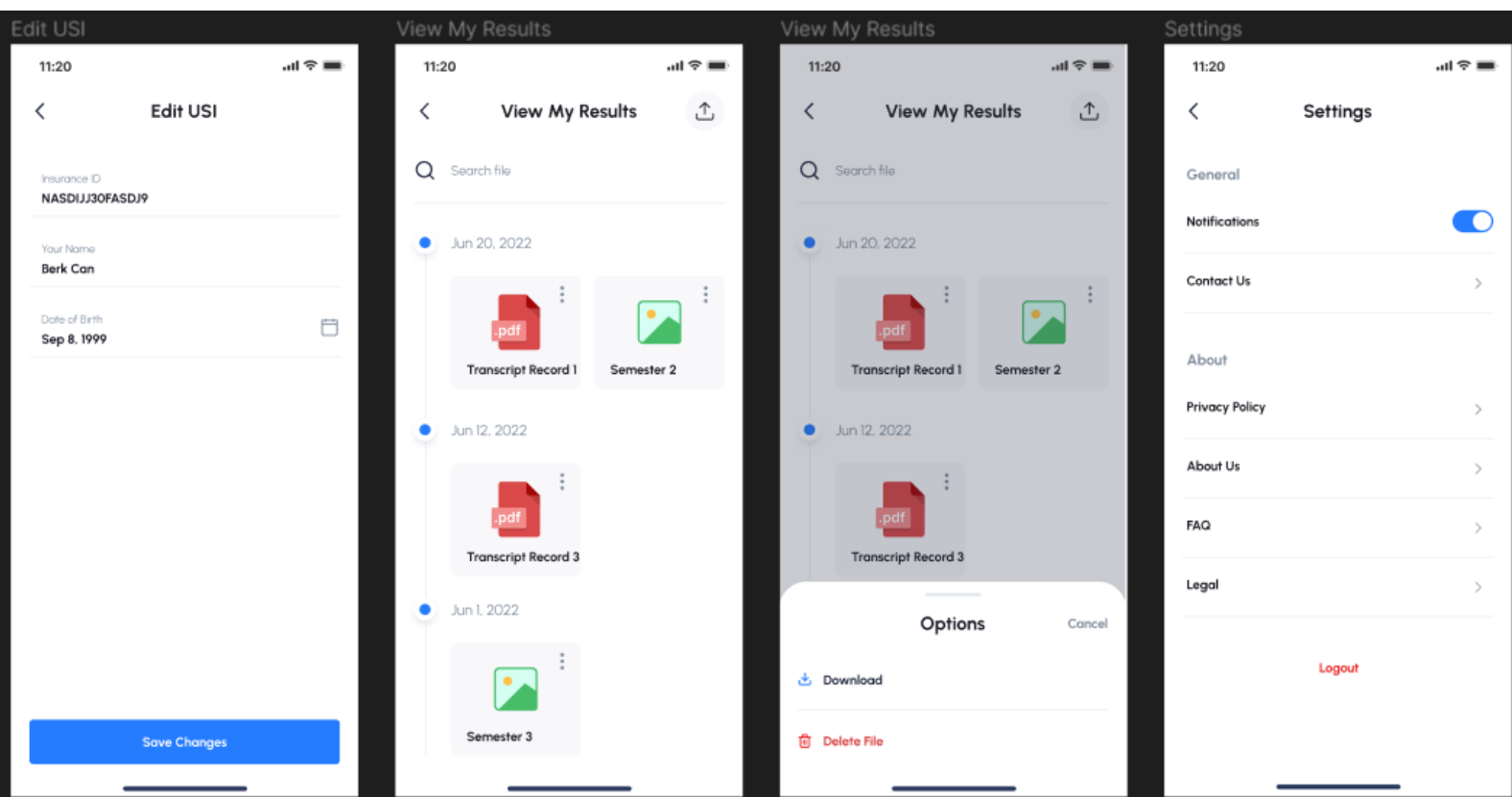


UI Flow 3 – User Persona 1 – Berk Can



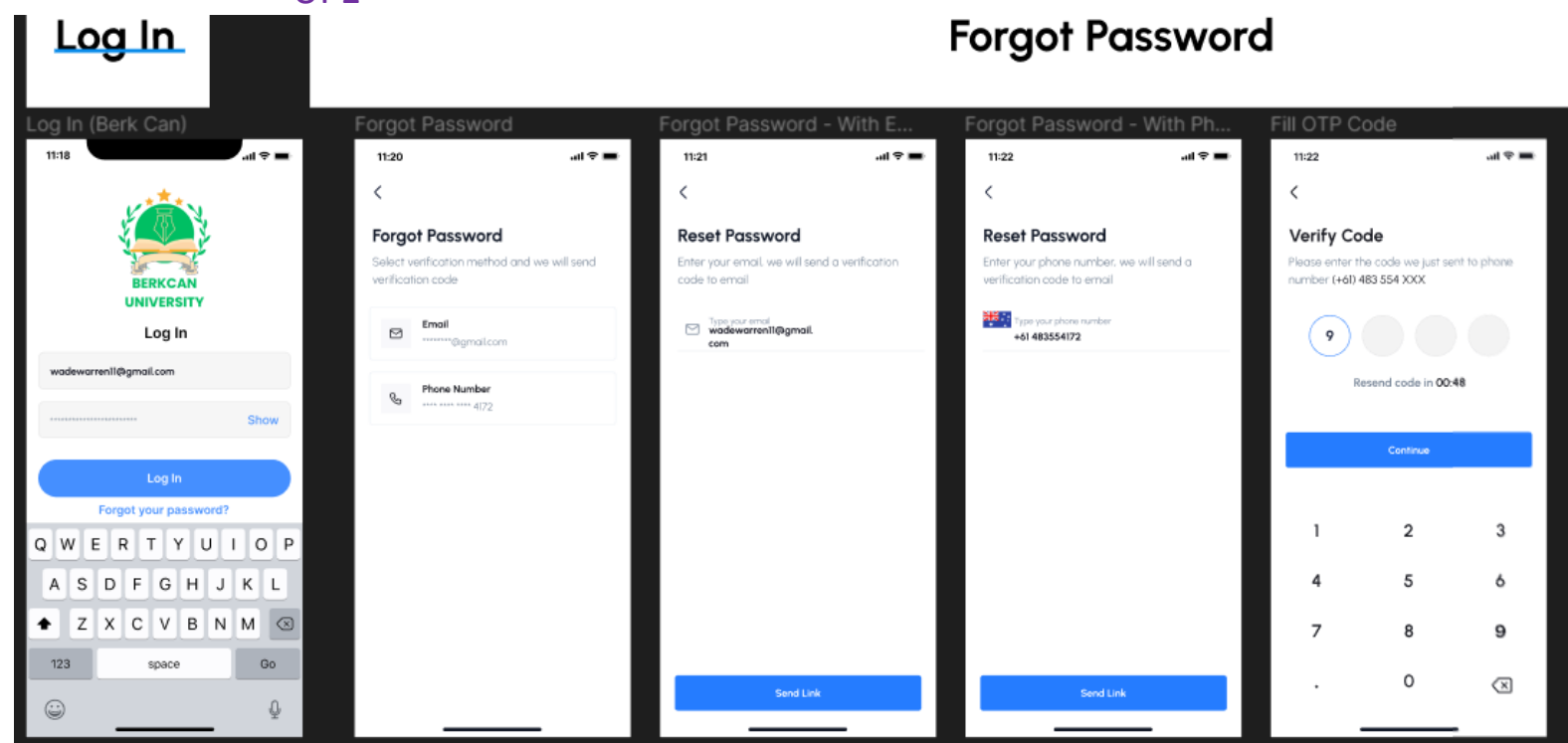
General Overview of UI Flow 3



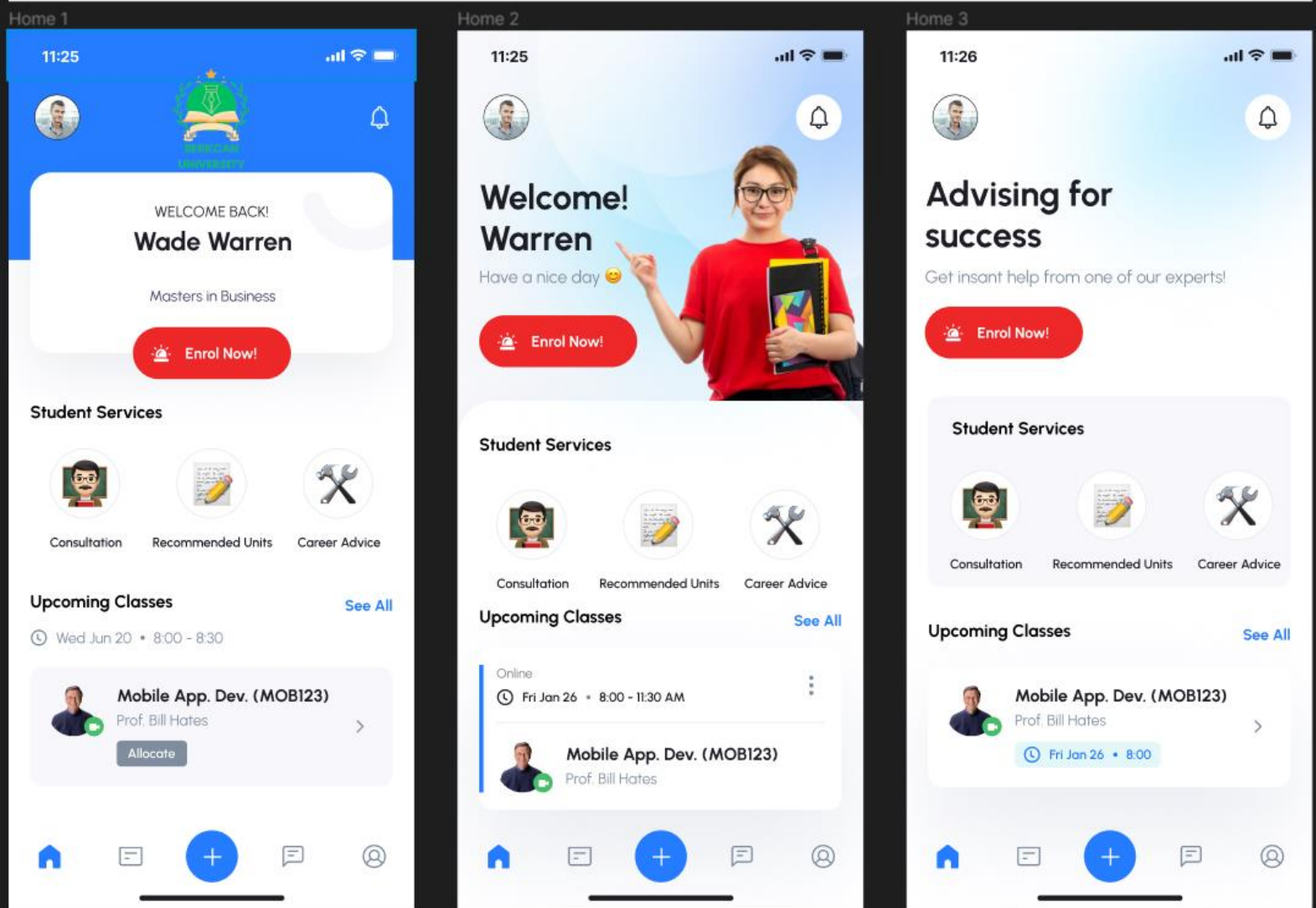


Changed UI Flows for – User Persona 2 – Wade Warren

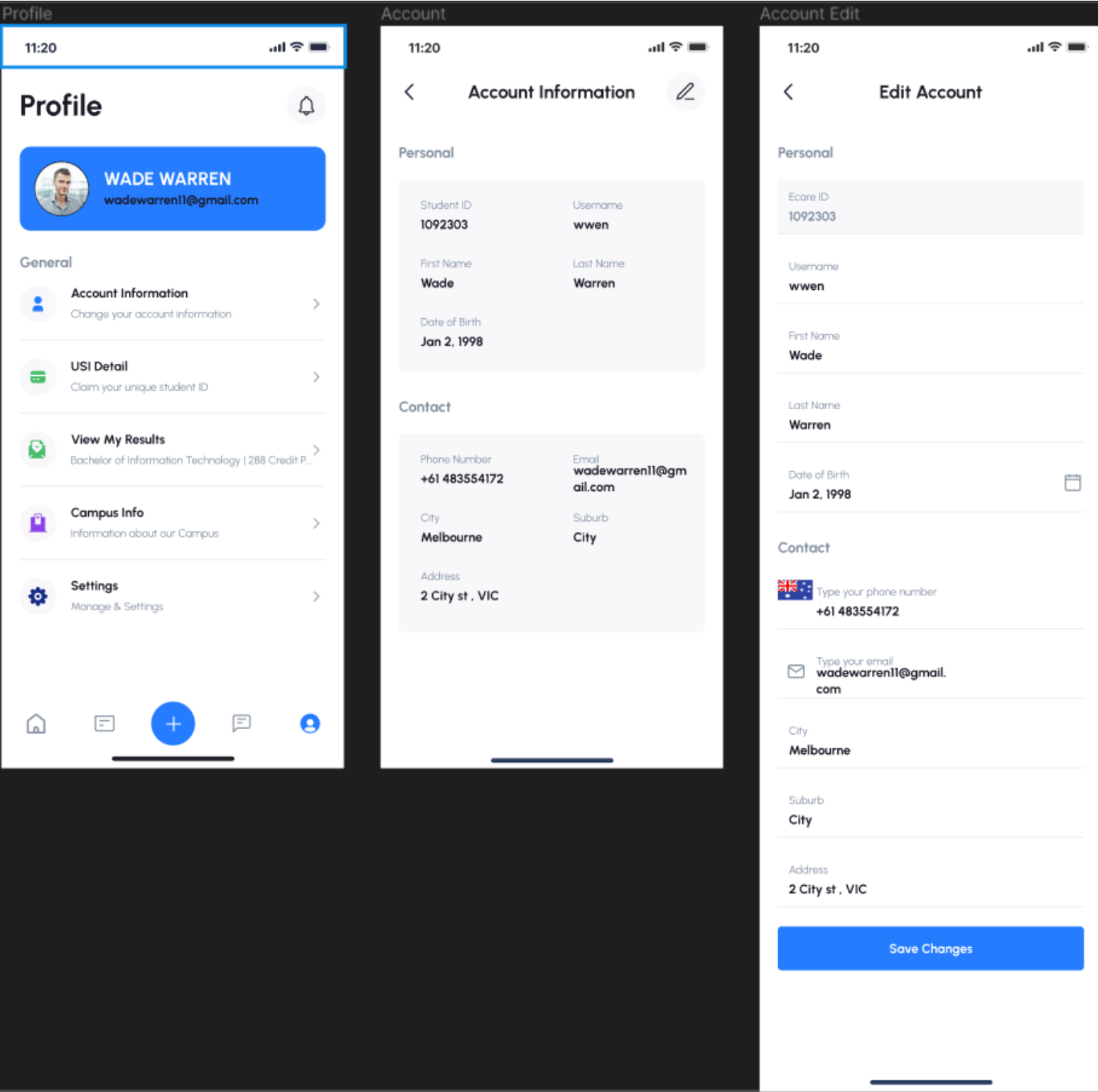
UI 1



Student DashBoard



UI



USI Detail

11:20

<

USI Detail



Wade Warren

Class 1

NSW

ASD98D8SDJD8J39DK

Edit USI

11:20

<

Edit USI

Insurance ID


ASD98D8SDJD8J3

Your Name

Wade Warren

Date of Birth

Jan 2, 1998



Save Changes

3- “Session 03 – Bringing UX into Mobile Application Development”

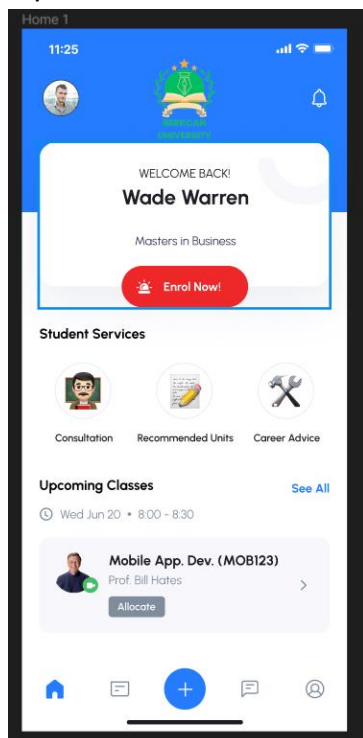
Requirement 3: Selecting UX Design Concept - Visual Hierarchy and Prioritization

For Requirement 3, I have chosen the UX Design concept of "Visual Hierarchy and Prioritization" from the concepts discussed in "Session 03 – Bringing UX into Mobile Application Development."

Justification with Examples:

Homepage Visual Hierarchy:

On the dashboard, Sarah and Alex are presented with a visually prioritized display of their profile information, emphasizing their respective academic details and program-specific recommendations.



Course Catalog Prioritization:

In the Course Catalog, courses are presented with a clear visual hierarchy, prioritizing essential information such as course name, instructor, schedule, and available seats. This aids users like Sarah and Alex in quickly assessing relevant details based on their academic focuses.

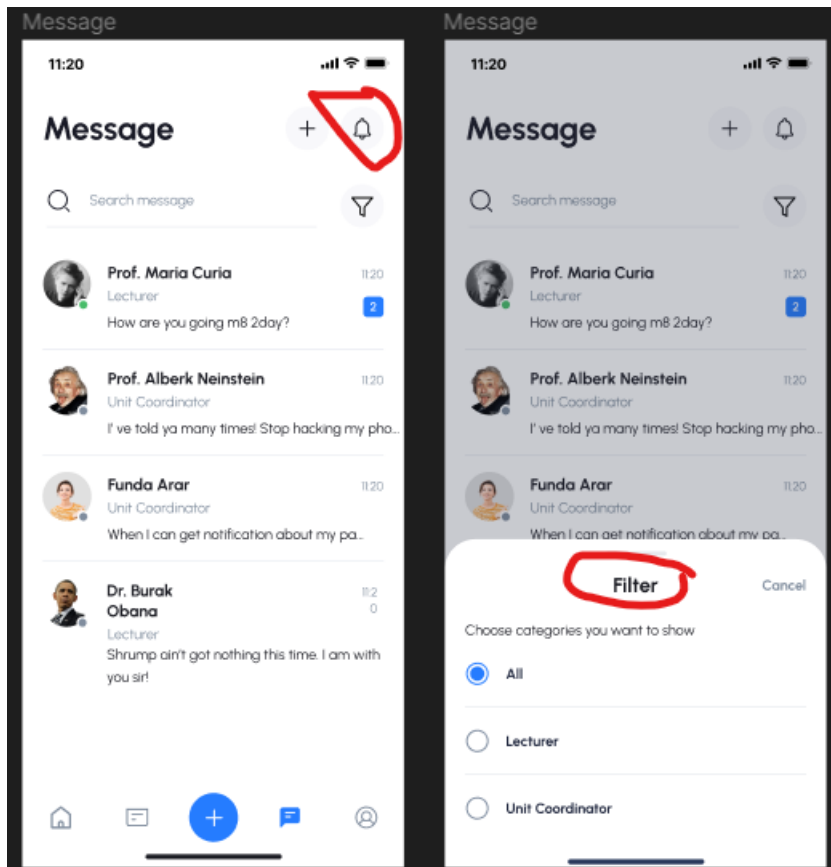
Call-to-Action Prioritization:

Interactive elements, such as the "Enrol Now!" button, are strategically placed with noticeable visual cues, prioritizing key actions and facilitating a streamlined registration process for both tech-savvy users.



Notifications Visual Hierarchy:

Notifications are visually prioritized based on urgency and relevance, ensuring that important updates or announcements catch the immediate attention of users like Berk and Warren.



By implementing Visual Hierarchy and Prioritization, my UI design ensures that users with different academic backgrounds and preferences, such as Berk and Warren, can effortlessly navigate the app, focusing on critical information and actions. This approach enhances the overall user experience by guiding their attention to key elements and functionalities within [the BerkCan University Course Registration App](#).

Summary

The University Course Registration App has been meticulously designed with a user-centric approach, catering to the specific needs of students like Berk Can and Wade Warren. The incorporation of "Visual Hierarchy and Prioritization" ensures an intuitive and efficient user experience. The app not only facilitates seamless navigation but also prioritizes essential features, such as course details and notifications. This project represents a successful fusion of cutting-edge technology, secure API integration, and a commitment to delivering a user-friendly tool for streamlining the course registration process.

References:

Kadek Wawan Cahyadi, I Gusti Ayu Agung Diatri Indradewi, & Putu Yudia Pratiwi. (2023). UI/UX Design for Mobile-based Sports Instructor Search Application "Befind" using Design Thinking. *Sistemasi: Jurnal Sistem Informasi*, 12(3), 835–850.

<https://doi.org/10.32520/stmsi.v12i3.2986>

Jason Morris. (2017). *Hands-On Android UI Development : Master the Art of Creating Impressive and Reactive UIs for Mobile Applications on the Latest Version of Android Oreo*. Packt Publishing.

Nasir, N. H., Lestari, F., & Kadir, A. (2022). Android-based Mobile Panic Button UI application design development in responding to emergency situations in Universitas Indonesia (UI). *International Journal of Emergency Services*, 11(3), 445–470. <https://doi.org/10.1108/IJES-07-2020-0041>

Russ, K. C. W. (2017). An assistive mobile application i-AIM app with accessible UI implementation for visually-impaired and aging users. *2017 6th International Conference on Information and Communication Technology and Accessibility (ICTA), Information and Communication Technology and Accessibility (ICTA), 2017 6th International Conference On*, 1–6. <https://doi.org/10.1109/ICTA.2017.8336016>

Walaa Helmy, & Maha Lashin. (2021). Features of New Design Principles for Mobile Applications UI/UX for Smartphones. *Journal of Architecture, Art & Humanistic Science*, 6(25), 480–491. <https://doi.org/10.21608/mjaf.2020.25213.1533>