UNILEARN

Enhancing Students' Learning Experience With Blended Learning Model in Nigerian Federal Universities

A GCGO PRESENTATION ON EDUCATION IN NIGERIA FEDERAL UNIVERSITIES COMPILED BY:

Adedoyin Adewale

Abimbola Olowoyeye

Abidemi Akintunde

James Oyebade

Opeyemi Oluwadare

Yinka Akindele

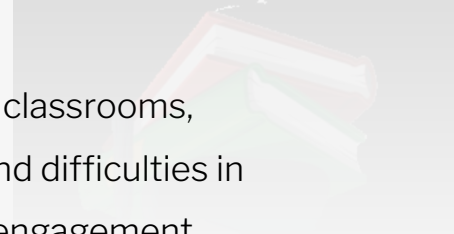# Introduction

GCGO:

EDUCATION

The Problem

Due to an influx of admissions aimed at addressing the illiteracy rate in the country, higher education institutions in Nigeria are facing challenges in meeting the needs of students due to limited capacity.

Why does this matter?

The challenge results in a shortage of classrooms, insufficient transportation facilities, and difficulties in the educational process and student engagement.

The problem at hand is significant as it hampers the pursuit of an enjoyable educational experience, discouraging individuals from furthering their education.

Affected Group

Background

Ogechukwu is a motivated and ambitious undergraduate student pursuing a degree in Environmental Management and Toxicology. She is passionate about learning and wants to excel academically. Ogechukwu feels like she is constantly limited by the challenges of traditional classroom learning. No matter how hard she plans she still manages to be humbled by infrastructural challenges in her institution.

Ogechukwu
Ajibade

Age
20

Frustrations
· Inadequate transportation
· Expensive accommodation
· Insufficient sitting spaces
· Late releases of lecture notes

Education
B.Sc. Environmental Management and Toxicology (in view)

"I get to the bus park so early only to get to the classroom and realise that it is crowded already" - **Ogechukwu**

Technologies

Goals & Behaviour
· Graduate as the overall best graduating student
· Attend lectures timely
· Complete 2 readings of the lecture materials before the end of semester.
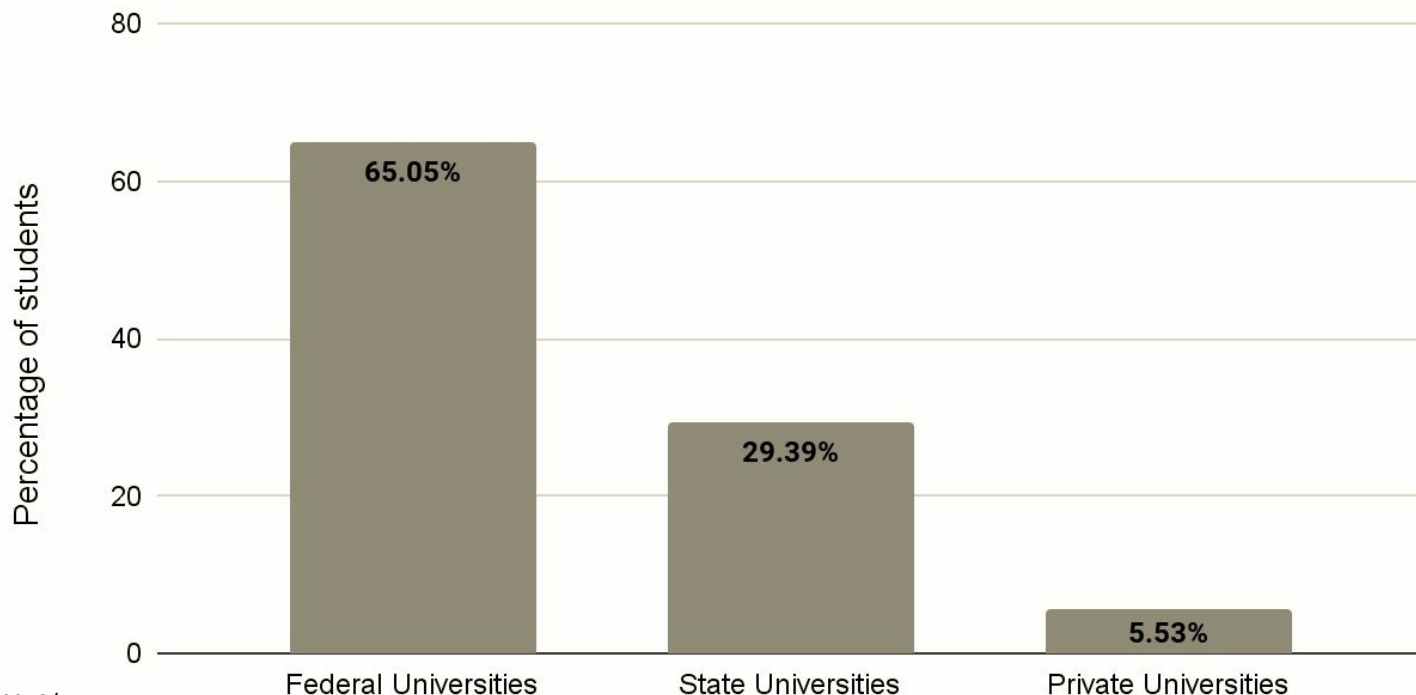· Get a part-time job/ start a business
· Avoids complicated tech products

Motivations
· Family
· Increased earning power due to flying grades
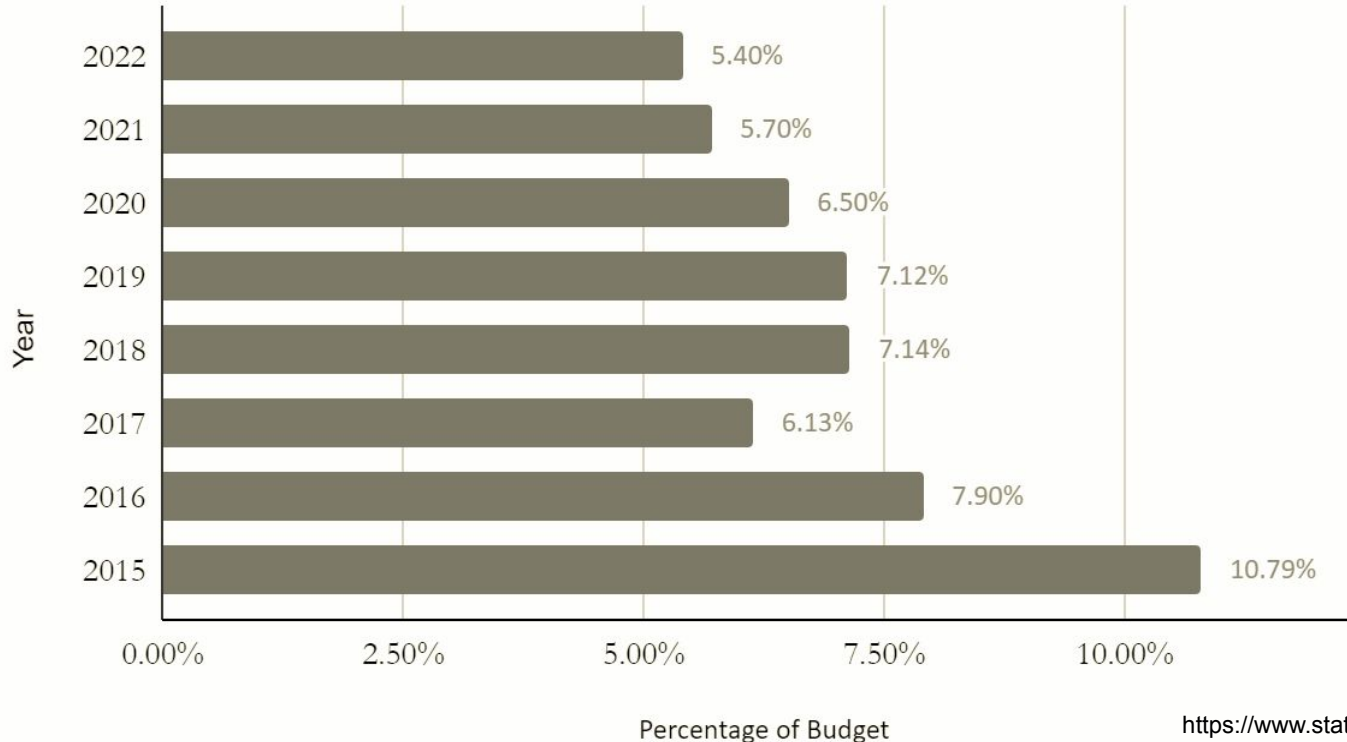· The possibility of getting a great Job

Research

As of 2019, NUC mentioned that the entire Private Universities account for just 5.53% of the total enrollment and State Universities account for 29.39% of Universities across Nigeria, indicating that 65.05% are enrolled in Federal Universities.

https://www.statista.com/statistics/1130218/expenditure-on-education-in-nigeria/

Percentage of undergraduate students at universities in Nigeria as of 2019

Bar chart — Percentage of students (y-axis, 0 to 80):
- Federal Universities: 65.05%
- State Universities: 29.39%
- Private Universities: 5.53%

Budget Allocation for Education in Nigeria

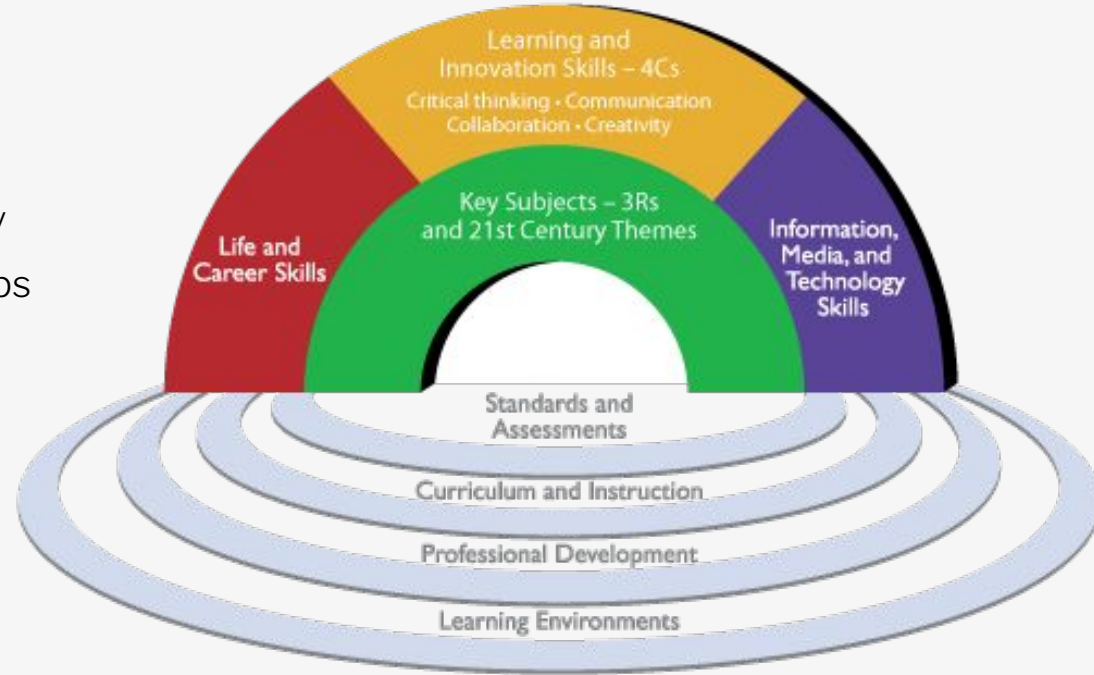| Year	Percentage of Budget
2022	5.40%
2021	5.70%
2020	6.50%
2019	7.12%
2018	7.14%
2017	6.13%
2016	7.90%
2015	10.79%

Research

The Federal Government of Nigeria's allocated budget to education was 7.12% in 2019, with fluctuations between 2015 and 2019 and a notable decline since 2020.

https://www.statista.com/statistics/1130218/expenditure-on-education-in-nigeria/

Research

The 21st Century Learning Technologies Framework places a strong emphasis on addressing the current educational gaps. It recognizes the need to integrate technology into the learning process to bridge these gaps and enhance student outcomes.

https://open.library.okstate.edu/adect/chapter/21st-century-learning-technologies-use-in-nigerian-classrooms-issues-prospects-and-challenges/

P21 Framework for 21st Century Learning
21st Century Student Outcomes and Support Systems

© 2007 Partnership for 21st Century Learning (P21)
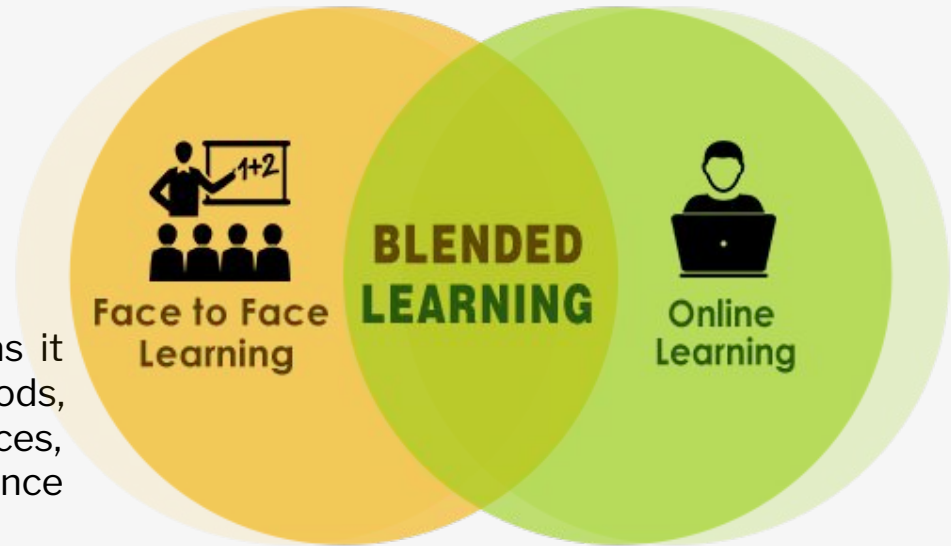www.P21.org/Framework

Proposed Solution

Blended learning presents an effective solution for addressing the challenges faced by students in Nigerian Federal Universities.
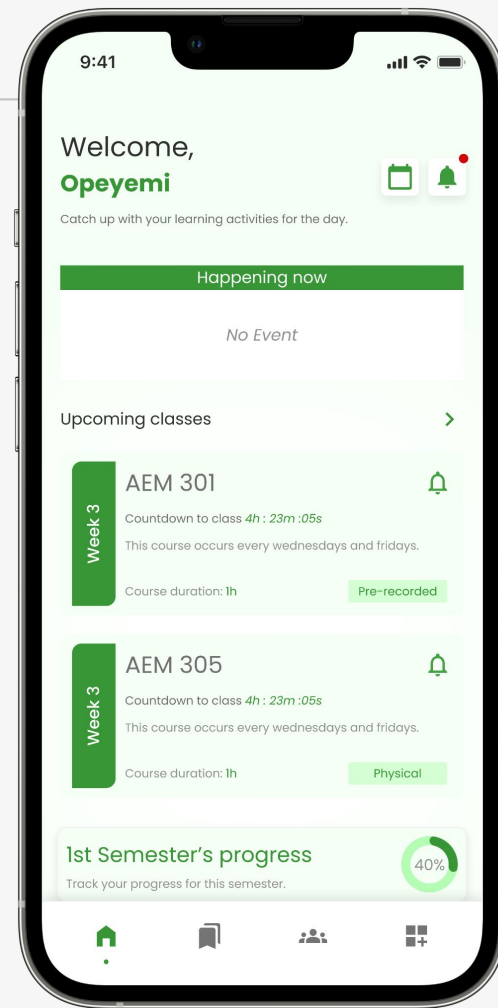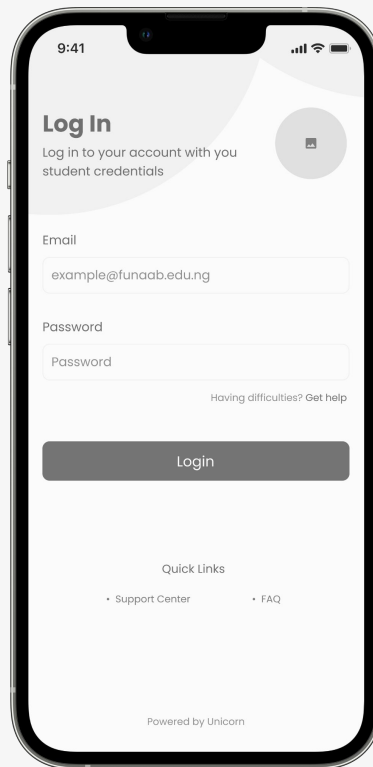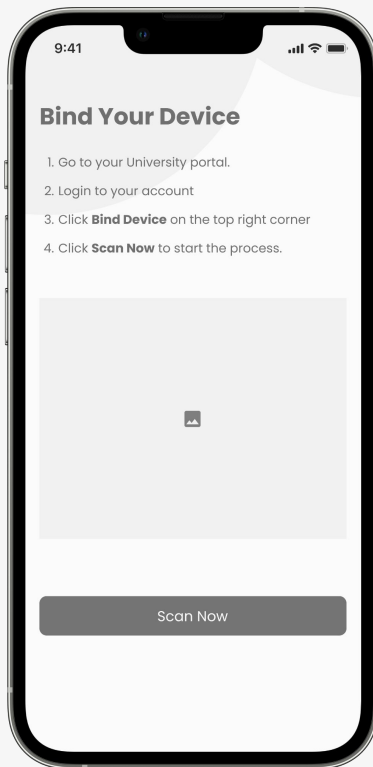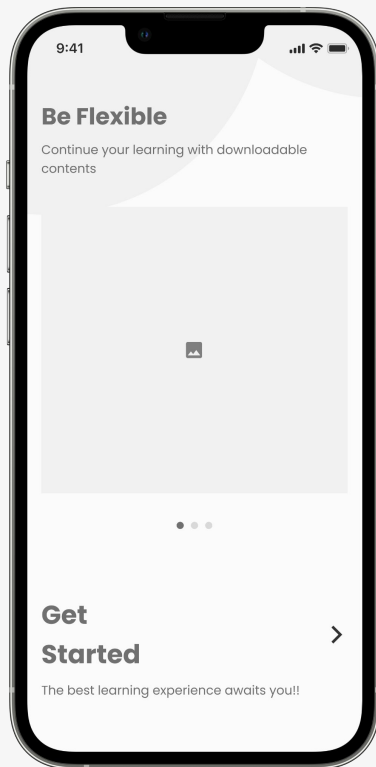
Why?

Blended learning combines the flexibility of online learning with in-person interactions, allowing students to access quality education regardless of location or limited resources.
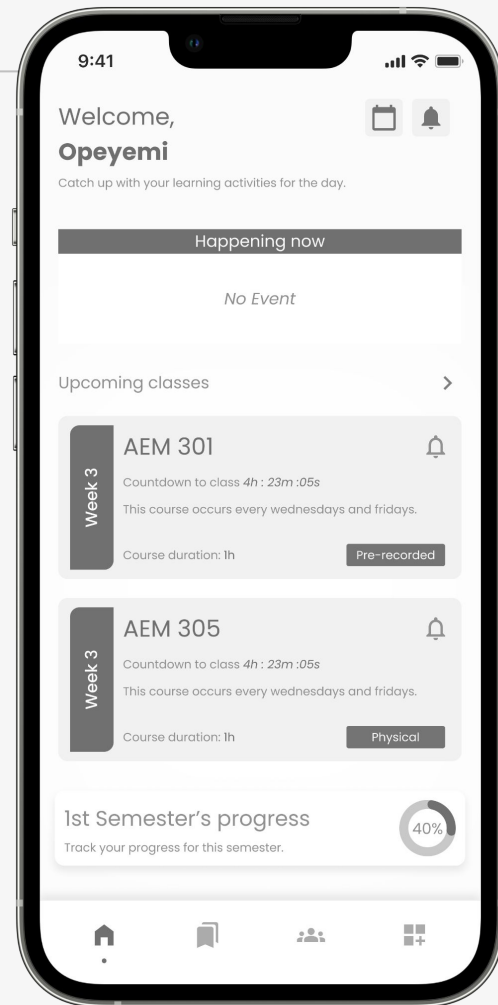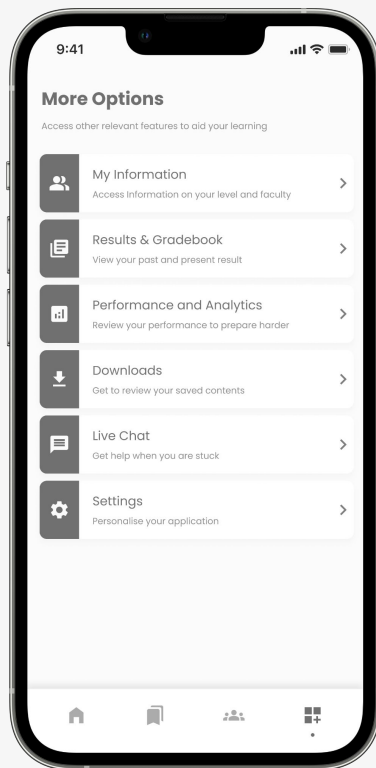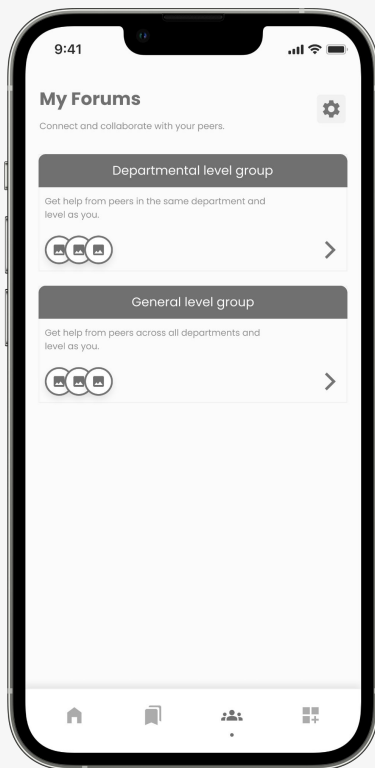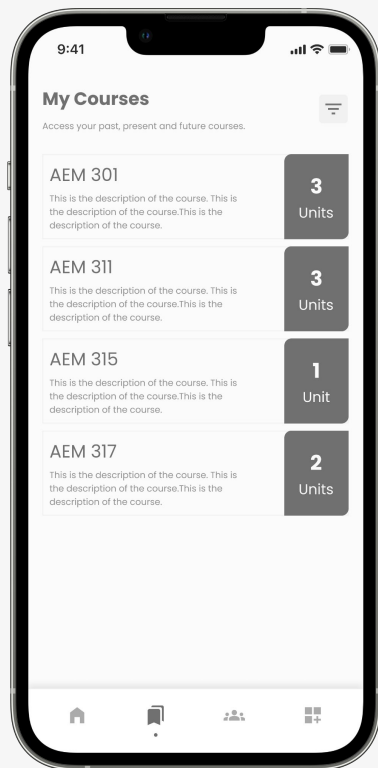
Blended learning will be an effective solution as it combines online and traditional classroom methods, allowing for flexible learning, access to resources, and personalized instruction to enhance engagement and academic success.

Wireframes

Be Flexible

Continue your learning with downloadable contents

Get Started

The best learning experience awaits you!!

Bind Your Device

1. Go to your University portal.
2. Login to your account
3. Click **Bind Device** on the top right corner
4. Click **Scan Now** to start the process.

Scan Now

Log In

Log in to your account with you student credentials

Email

example@funaab.edu.ng

Password

Password

Having difficulties? Get help

Login

Quick Links

• Support Center   • FAQ

Powered by Unicorn

9:41

Welcome,
Opeyemi

Catch up with your learning activities for the day.

Happening now

No Event

Upcoming classes >

Week 3

AEM 301

Countdown to class *4h : 23m :05s*

This course occurs every wednesdays and fridays.

Course duration: 1h   Pre-recorded

Week 3

AEM 305

Countdown to class *4h : 23m :05s*

This course occurs every wednesdays and fridays.

Course duration: 1h   Physical

1st Semester's progress

Track your progress for this semester.   40%

Wireframes

NEEDS & PAIN POINTS

- User expressed difficulty in locating the course credit unit information and needs the process to be easy.

- Needs the wireframes to be colorful.

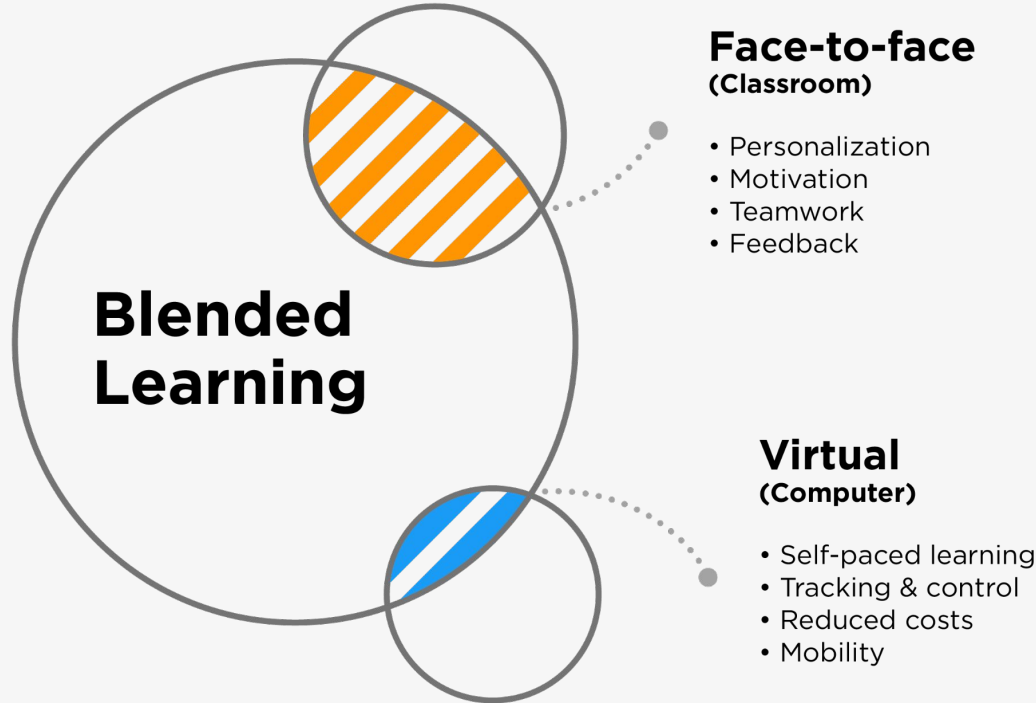**USERS**

Recommendations

- The use of contrast to differentiate elements on the interface thereby calling users' attention to items of utmost importance.

- Use of familiar icons to make features recognisable to users

Think **Big!**

- Hire a team of experienced developers to build an MVP of the solution.
- Partner with a federal university and pilot the solution.
- Observe and iterate.
- Plan expansion to other federal universities.

Blended Learning

Face-to-face
(Classroom)

- Personalization
- Motivation
- Teamwork
- Feedback

Virtual
(Computer)

- Self-paced learning
- Tracking & control
- Reduced costs
- Mobility

Why Blended Learning?

Blended learning combines the flexibility of online learning with in-person interactions, allowing students to access quality education regardless of location or limited resources.

Why Blended Learning would make an Important Difference

- Access to quality education.
- Flexibility in learning in terms of time and pace.
- Personalized learning experience.
- Enhanced engagement and collaboration.
- Access to updated and relevant resources.
- Preparation for the digital economy.