

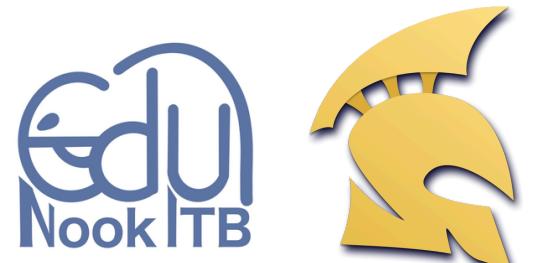
EduNook ITB

“One Click to
Discover Your Ideal
Study Environment”

SPARTA HMIF 2023 Milestones Project

Team Introduction

Meet The Team



Kevin Azra
Product Manager



Zaka Hanif
Software Developer



Orvin Andika
Software Developer



Muhammad Edo
Software Developer



Julius Artur
Software Developer



Mahesa Fadhillah
Software Developer



Inggrid Amelia
Data Scientist



Sabilul Huda
Data Scientist



Leonard Arif
Data Scientist

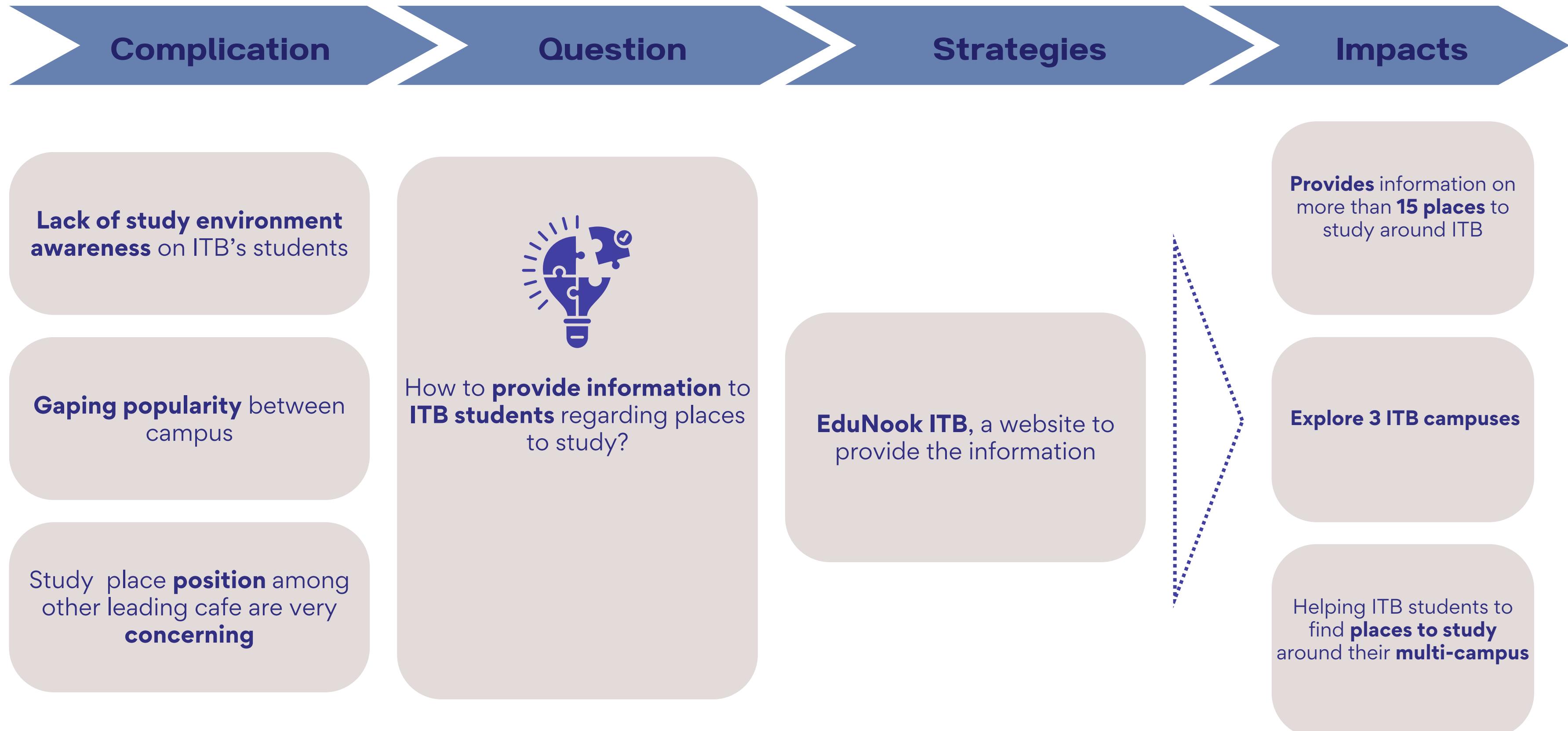


Luckman
Software Developer



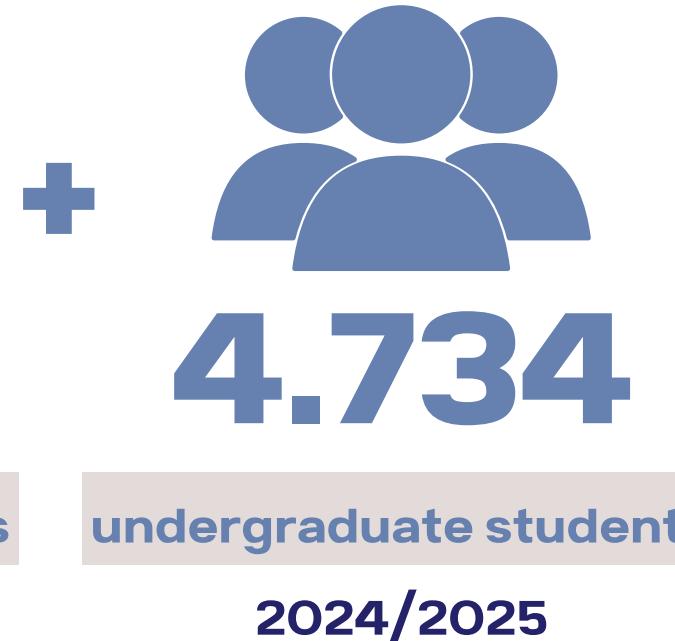
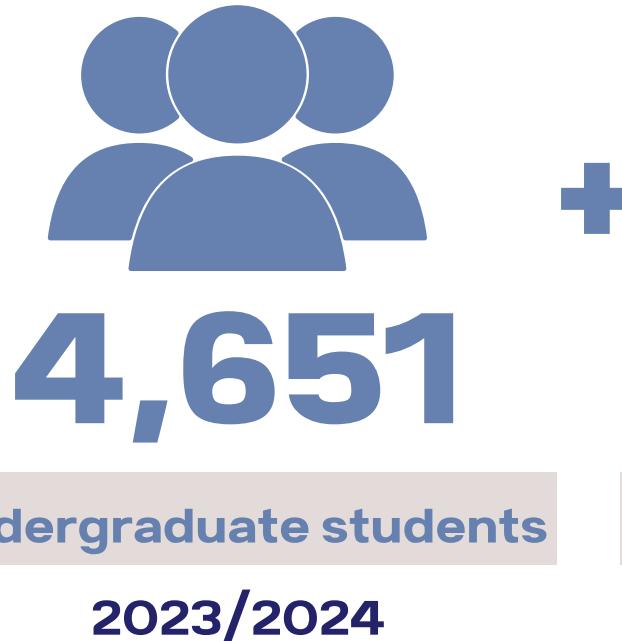
Gabriela Jennifer
UI / UX Designer

Executive Summary

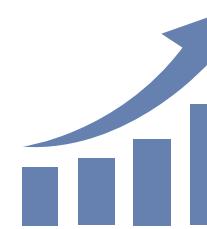


A media platform is needed to facilitate and assist ITB students in finding information about study places.

Institut Teknologi Bandung (ITB) welcomed a total*



With many students occupying the Jatinangor and Ganesha campuses, there will be a disparity in knowledge about the learning facilities in the respective campus areas.



Therefore,

Knowledge gaps about facilities may arise

Situation and Urgency

common situation amongst Institut Teknologi Bandung (ITB) students

- Students spend most of their time on campus for studying and completing academic tasks
- Adequate and comfortable learning facilities are crucial for supporting the learning process.

based on APJII 2022 survey,**

99,26%

university students have the highest internet penetration in Indonesia



A platform is needed as a source of information

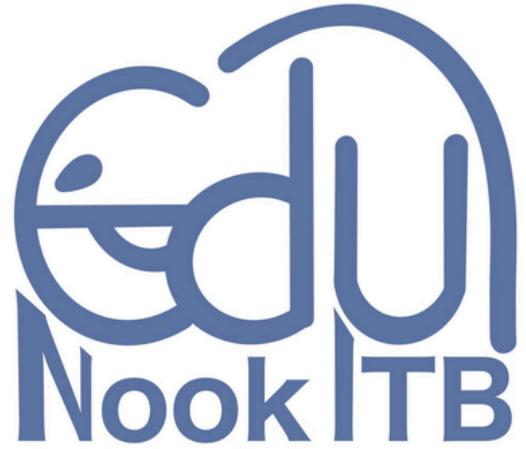
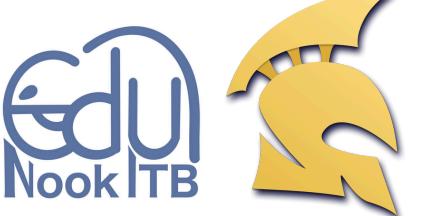
To enhance students' learning experience, it is important for them to be aware of and utilize campus facilities without incurring additional costs.

*<https://www.itb.ac.id/berita/5669-mahasiswa-baru-itb-ikuti-pelaksanaan-pmb-2023/59703#:~:text=BANDUNG%2C%20itb.ac.id,dan%2044%20mahasiswa%20Program%20Profesi>.

**<https://www.suara.com/teknologi/2022/06/09/192337/penetrasi-internet-indonesia-tertinggi-di-kalangan-pelajar-dan-ibu-rumah-tangga>

Resolution

Therefore, we propose developing a website specifically designed to help student find various study locations on campus.



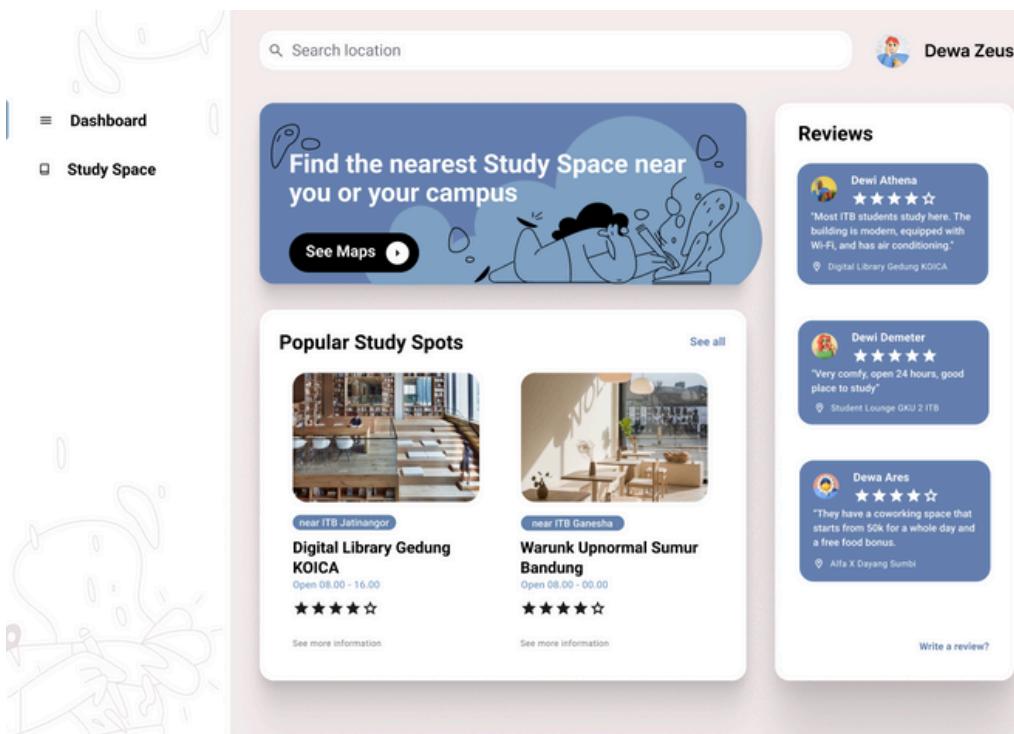
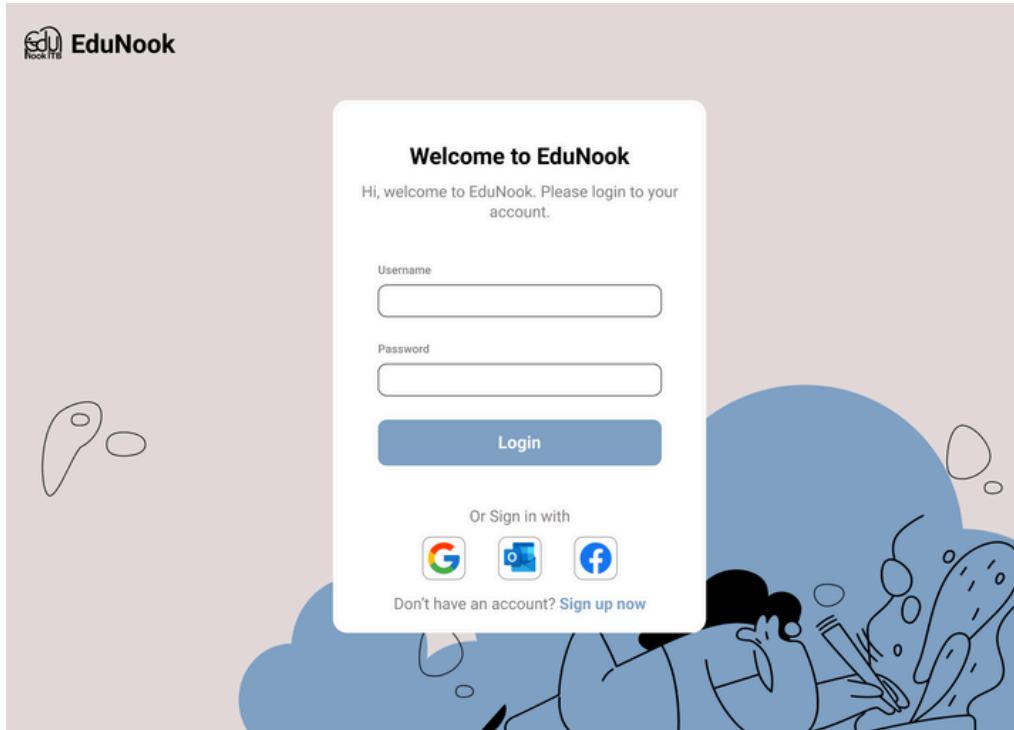
EduNook ITB

Website designed to provide information about learning places around ITB Ganesha Campus, ITB Jatinangor Campus, and ITB Cirebon

Concept

The Edunook ITB concept consists of recommendations for places to study, reviews and main guides.

Overview,



Our Mission

This website will be a guide for ITB students who want to **find ideal locations to study**. The place to study can be a **cafe or co-working space**.

Key Segment Profile

- **ITB students** from three campuses (Ganesha, Jatinangor, Cirebon)
- **Lecturers and teaching staff**
- **ITB researchers and staff**

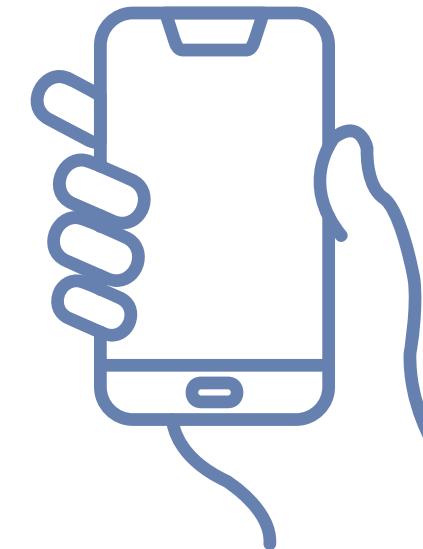
Features

Search feature

Review

Interactive Map

Place Recommended



Resolution

Interact with our prototype and get a closer look as a user



Welcome to EduNook
Hi, welcome to EduNook. Please login to your account.

Username _____
Password _____
Login
Or Sign in with
Google, ODBC, Facebook
Don't have an account? [Sign up now](#)

Search location: Dewa Zeus

near ITB Ganessa near ITB Jatinangor near ITB Cirebon

Dashboard Study Space

Perpustakaan Pusat ITB 18 km away Open 08.00 - 16.00 ★★★★☆
Warunk Uptormal Sumur Bandung 18 km away Open 08.00 - 00.00 ★★★★☆
Bahagia Kopi - Braga 18 km away Open 07.00 - 21.00 ★★★★☆
Coffe Toffee 20 km away Open 08.00 - 00.00 ★★★★☆
Bagi Kopi Ciumbuleuit 19 km away Open 07.00 - 01.00 ★★★★☆
Kopi Toko Djawa (Teuku Umar) 18 km away Open 07.00 - 20.00 ★★★★☆

← Previous 1 2 3 ... 67 68 Next →

Search location: Dewa Zeus

Dashboard Study Space

Perpustakaan Pusat ITB ★ 4.8 (202 reviews)

About this place
Perpustakaan Pusat ITB terbuka untuk kunjungan dari masyarakat umum dengan memenuhi anuran yang berlaku. Pengunjung Non-ITB pada saat datang ke Perpustakaan Pusat ITB, akan diminta melakukan registrasi, mengisi formulir kunjungan, menyerahterikan kartu identitas, dan memakai name tag pengunjung. Setelah itu, pengunjung akan diminta untuk meyimpan tas atau barang bawaan di loker yang sudah disediakan dan kemudian dapat memanfaatkan fasilitas yang tersedia untuk keperluan belajar. Pengunjung umum hanya dapat membaca koleksi di dalam gedung perpustakaan.

See more +

Facilities: Free WiFi, Dedicated workspace, Power outlet, Air Conditioner, Elevator, No food or drinks

Opening Hours: Monday 08.00 - 16.00, Tuesday 08.00 - 16.00, Wednesday 08.00 - 16.00, Thursday 08.00 - 16.00, Friday 08.00 - 10.30, 13.00 - 7.30, Saturday Closed, Sunday Closed

Address: Kawasan ITB Kampus Ganessa, Jl. Ganessa No.10, Lb. Siliwangi, Kecamatan Coblong, Kota Bandung, Jawa Barat 40132

Reviews: Write a review

Bukan Chronos 2 days ago
Perpustakaan Pusat ITB ★★★★★
Di lokasi spot dekat jendela cukup panas, mungkin kiri pembiasaan cuaca marahari jadi agak gerah klo kerja diarea ini. Saya berharap banget banyak fasilitas seperti 'water refil station' dan lunch area bisa dilengkapi. Untuk mendukung suasana mahasiswa selama belajar. Overall, perpustakaan ini cukup memuaskan dengan ukuran yg luas dan memiliki beragam raka buku dengan macam-macam koleksi.

Bukan Chronos 8 months ago
Perpustakaan Pusat ITB ★★★★★
A nice and cozy place to read books and add some knowledge about everything. A huge collection of books majorly about science and technology. Placed inside Bandung Institute of Technology. Open from 9 am until 9 pm. Most of the visitors are students but this library is welcome for guest outside the campus. This library also give free internet for guest. A lot of desk with individual power outlets, perfect for studying.

Bukan Chronos 1 year ago
Perpustakaan Pusat ITB ★★★★★
This is a huge and cozy library located at the northern part of Institut Teknologi Bandung, close to the northern gate. It has so much of interesting items that can be searched easily by using the computer. The library has many seats and tables that can be used to sit and read the book. This place is also equipped with elevator and air conditioner (but the coolest air conditioner is only available at the first floor). The wi-fi is also available but only can be used by the students of ITB.

Location: INI CONTOH UNTUK FITUR GMAPS (OPSIonal)

Search location: Dewa Zeus

Find the nearest Study Space near you or your campus See Maps

Popular Study Spots: Digital Library Gedung KOICA (near ITB Jatinangor), Warunk Uptormal Sumur Bandung (near ITB Ganessa)

Reviews: Dewi Athena ★★★★★ "Most ITB students study here. The building is modern, equipped with Wi-Fi, and has air conditioning." Digital Library Gedung KOICA
Dewi Demeter ★★★★★ "Very comfy, open 24 hours, good place to study" Student Lounge GKK 2 ITB
Dewi Ares ★★★★★ "They have a coworking space that starts from 50k for a whole day and a free food bonus." Alfa X Dayang Sumbi

See all Write a review?

Profile: Dewa Zeus

Dewa Zeus 19623000@std.stei.itb.ac.id 23 Favourite 10 Reviews

Favourite: Digital Library Gedung KOICA (near ITB Jatinangor), Warunk Uptormal Sumur Bandung (near ITB Ganessa)

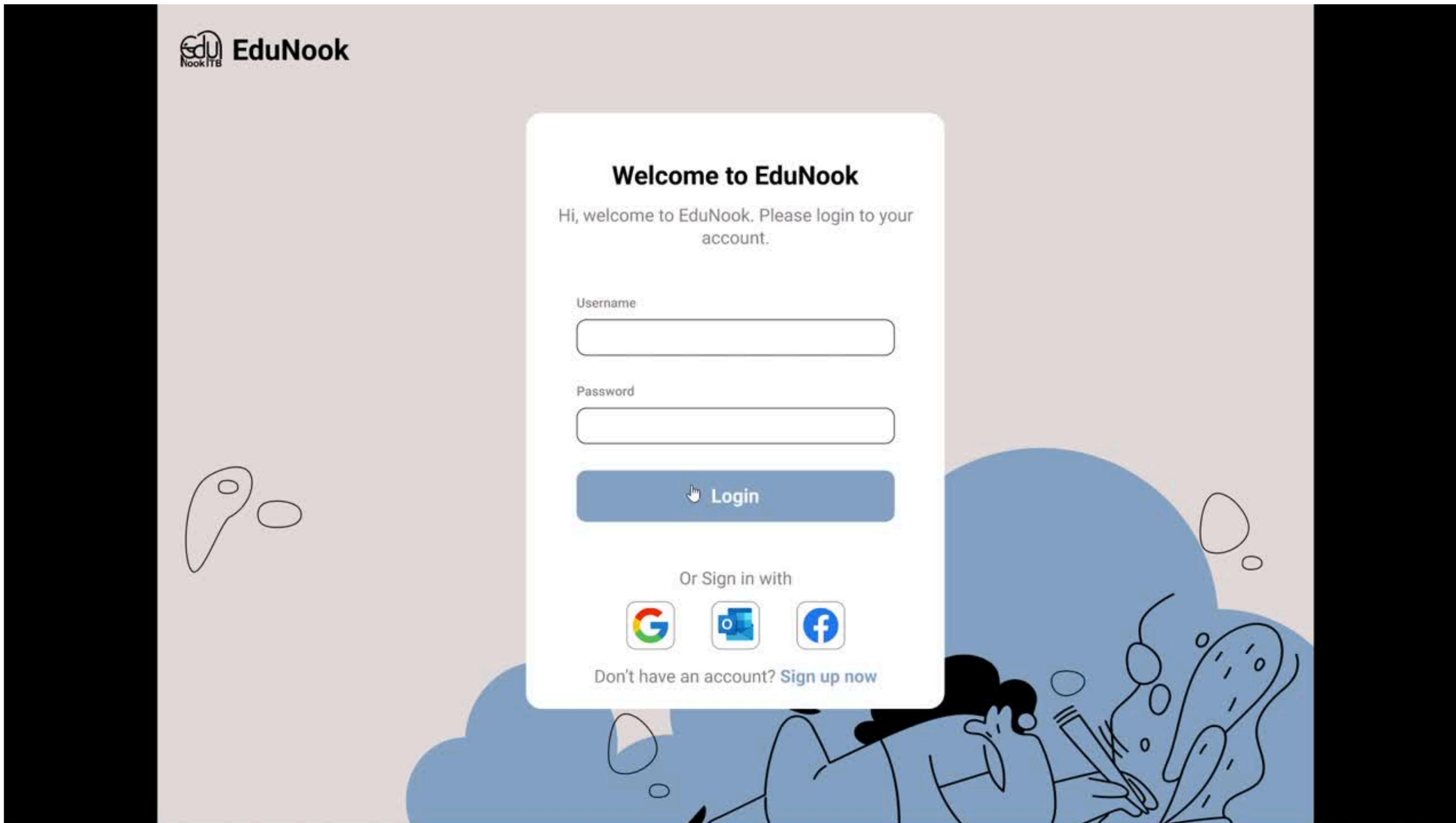
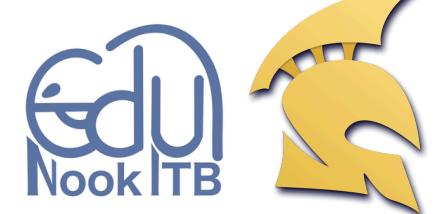
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Bahagia Kopi - Braga (near ITB Ganessa), Bento Kopi Jatinangor (near ITB Jatinangor)

Interact
prototype!



Demonstration



Through analysis EduNook ITB has lot of potential and also areas for further growth and improvement.

SWOT analysis helps explore EduNook ITB's internal and external aspects in a straightforward and flexible manner.

SWOT Analysis		Strength	Weakness
Opportunities	Threats		
		<ul style="list-style-type: none">• Based on real data and students' own experiences, the app can provide accurate and relevant information.• Features that help students track locations, such as interactive maps and a study place rating system.	<ul style="list-style-type: none">• Limited resources for continuous app development and maintenance.• Dependence on active student participation to collect data and feedback.• Potential errors in user-reported data, which could affect information accuracy
		<ul style="list-style-type: none">• Leveraging data and experiences from senior students to enrich data and provide deeper insights.• Numerous study locations at ITB that can be utilized as app content.• The growing trend of technology use among students to facilitate academic activities.	<ul style="list-style-type: none">• Competition from similar apps offering the same or more advanced features.• Changes in campus policies or infrastructure that may affect the accessibility of study places

Target Market



Market Segmentation



**unique benefit that
makes us better and
attracts consumers**

Unique Selling Proposition

Personalized study recommendations

Campus specific Insights

User-friendly interface

Feedback and ratings

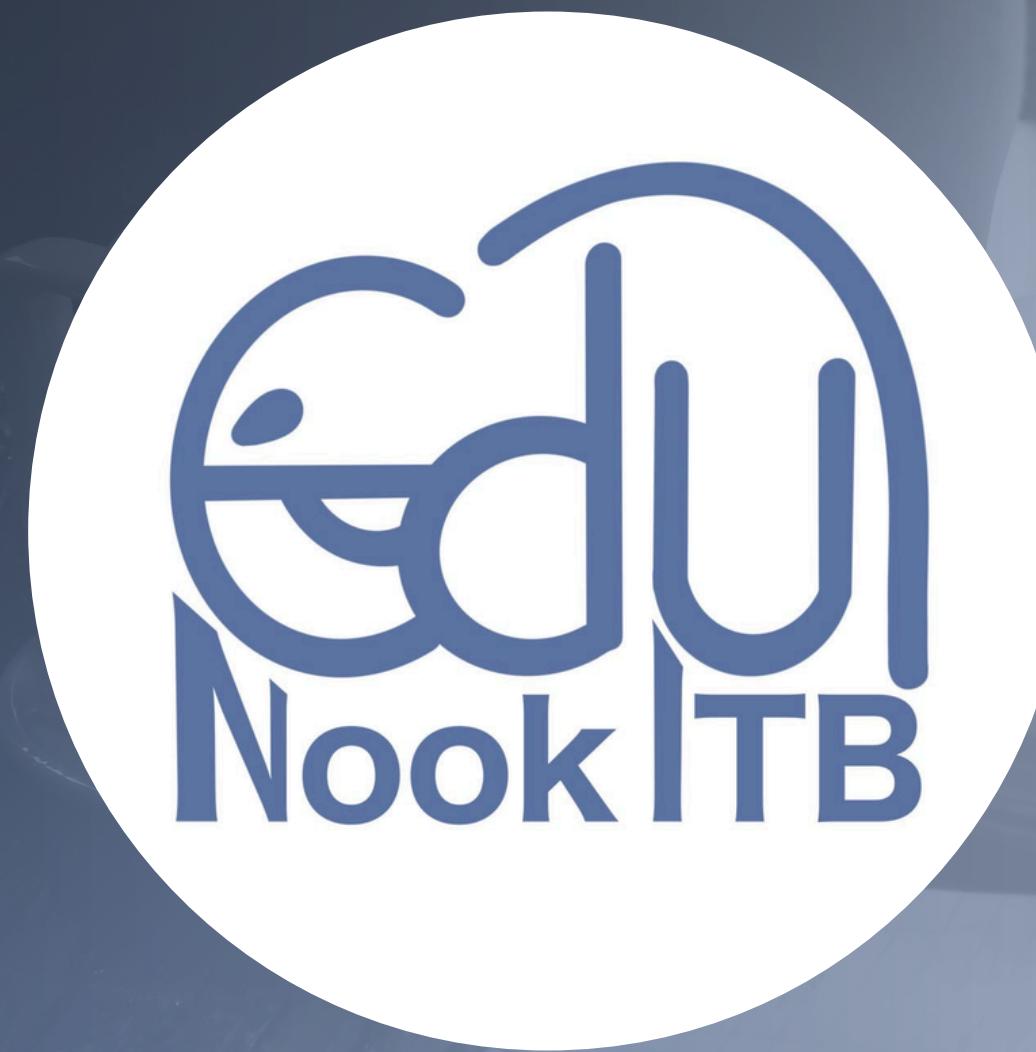
Impact

- The website can collect data on user **preferences and behaviors**, which can be used to refine recommendations and **improve future updates**.
- The website will likely see higher user interaction and **return visits due to its user-friendly features**.
- The structure of the website allows for **easy addition** of new locations and **features as needed**.
- With **recommendation algorithms**, the website can provide tailored **study space suggestions based on user preferences**, increasing user satisfaction and **return visits**.



- Users can **quickly** locate the most appropriate study spaces **without having to manually visit** or inquire about each location.
- **Search and recommendation features make it easier** for users to find suitable study spaces, catering to their specific needs.
- Users can **make better decisions** about where to study **based on detailed information** about facilities and environment.
- The website's design ensures that **users of various backgrounds and needs can easily navigate** and utilize its features, promoting inclusivity.
- The **ability to access all relevant study space** information in one place offers great convenience, reducing the need for users to visit multiple sources.

◀ Team 21



EduNook ITB
THANK YOU

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