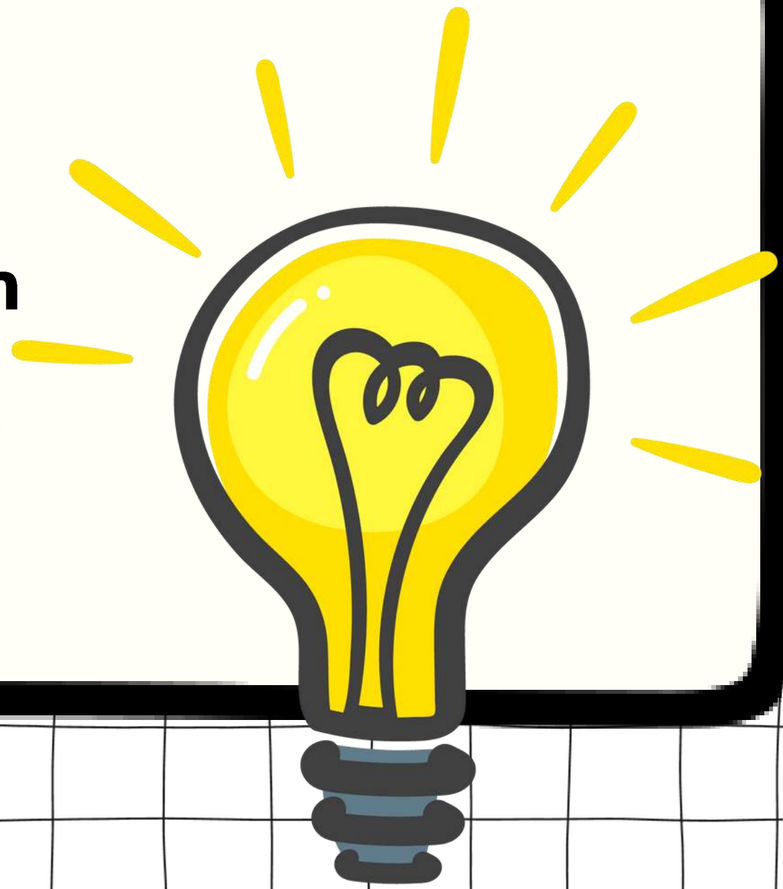
CONNECT

The Ultimate Organizational Platform

Bridging Gaps in Dining, Location, and Academic/Professional Needs
Get Connected with Connect!!!!



Problems Addressed

- Difficulty in managing and comprehending information from classes and meetings for students.
- Ambiguity on where a user can eat.
- Suboptimal resource utilization (food, shuttle services) by the management and students.
- Navigational issues for students in large campuses.

Business Concept

Integrates

Dining

- Problem: Inefficient management and utilization of dining facilities, and students' difficulty in locating desired meals.
- **Solution:** connects students with on-campus dining options based on proximity, and dish preferences
- **Benefit:** management receives data-driven insights to minimize food wastage and optimize inventory.

Classes

- Problem: Managing and comprehending a plethora of information from various classes and meetings.
- **Solution:** A platform that transcribe, summarize, and store content from classes and meets using generative AI.
- **Benefit:** Facilitates better info retention and management for students and professionals alike.

Maps/Shuttles

- Problem: Navigational challenges for students or staff across campuses. locations and shuttle timings.
- **Solution:** provides map of campus, and shuttle services info
- **Benefit:** Enhances user movement experience and aids management in optimizing shuttle service through usage data.

Behind the Scenes of Connect

Dining

Restaurant and Menu Management:

- Established restaurant entries and configured respective menu items.

API Development:

- Developed an API to retrieve all restaurant details.
- Created an API to log all searched items by users.

Smart Search and Mapping:

- Integrated search functionality with data, focusing on showcasing only operational places on campus. sorted based on proximity

Predictive Analysis for Optimization:

- Utilized search data to predict customer flow and implement strategies to minimize food wastage, and inventory management.

Classes

Video Upload and Data Extraction:

- Administrators or professors upload video lectures which undergo video and audio to text extraction processes.

Data Cleaning and Optimization:

- Extracted data is refined by cleaning and removing redundancy to enhance accuracy in summarization.

Machine Learning Model for Summarization:

- Cleaned data is processed through a Machine Learning model to generate a concise summary of the lecture.

Summary Posting:

- The generated summary is posted on the website, providing students with an accessible and concise overview of the lecture.

Maps/Shuttles

Shuttle Information Availability

- Displays details of all available shuttles for students and employees to select.

Real-Time Shuttle Mapping

- Redirects to shuttle maps, providing real-time specific shuttle information and tracking.

Inclusive Campus Mapping

- Offers an exhaustive campus map to retrieve diverse information and navigate through the university.

Target Audience

Primary Audience

Students and university staff seeking an organized and efficient means to navigate through daily university life.

Secondary Audience

University management and administrators focusing on optimized resource utilization and improved student experiences.

Tertiary Audience

External entities like dining service providers, aiming to enhance their service delivery and management through data-driven insights.

Monetization Strategy

B2B Model

Forge partnerships with dining services, offering predictive analytics to optimize their operations for a fee.

Subscription Model

Introduce a premium user version, providing additional features and enhanced user experience for a subscription fee.

Data Analytics Service

Offer universities a subscription-based access to advanced, detailed analytics, aiding in strategic decision-making and resource optimization.

Scalability Plan

Geographical Expansion

Initiate with select universities and progressively deploy across various global locations.

Diversification

School Level: *Adjust the platform to cater to school students and administrations, focusing on cafeteria management, school bus tracking, and class summaries.*
Corporate Level: *Adapt the platform for office environments with features like canteen management, meeting room bookings, and summaries of meetings.*

TTechnology Enhancement

Continually upgrade technological aspects, incorporating more advanced machine learning models, and possibly integrating IoT devices for more accurate data collection and analytics.

Evolution

User-Centric Development

Community Building:
- Develop features to facilitate user interaction, community building, and collaborative activities within the platform.

Personalized User Journeys:
- Enhance user profiles and journey mapping to provide deeply personalized experiences, from navigation to dining and informational content.

User Feedback Integration:
- Implement a robust feedback system, ensuring user input is integral in shaping future developments of Connect.

Adaptive Technologies

AI and ML Advancements:
- Continuously refine and advance AI models to deliver richer, more accurate predictions and personalized experiences.

Security Enhancements:
- Ensure data integrity and user privacy by adopting the latest cybersecurity technologies and practices.

Diverse Monetization

Marketplace Integration:
- Introduce a marketplace where external vendors, like food outlets or bookstores, can offer services directly to users.

Advertisement Platform:
- Develop a nuanced advertisement platform, offering targeted advertising opportunities to businesses within and outside the platform.

Data Insight Sales:
- Provide data insights and analytics-as-a-service to businesses looking to understand user behavior and trends.

Future Scope

What's next for Connect 🚀

- Looking ahead, we plan to incorporate more personalized features, such as individual study plans based on lecture summaries and dietary preferences for meal recommendations.
- We also envision a community feature where students can exchange notes, discuss popular dishes, or even coordinate shuttle rides together.
- Expanding to other campuses and integrating further campus services, like library bookings or event notifications, are also on the horizon.

Thank you

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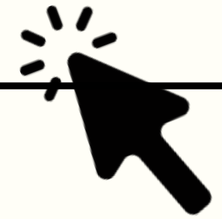

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