TECH PRENEUR

DICHI ACADEMY

elix

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CBRD FUND

TECHNOLOGY ENTREPRENEURSHIP FULL STACK DEVELOPMENT

TECHPRENEUR GRADUATION CEREMONY

INDUSTRY PARTNERS

foodpanda

Amk

PhillipCapitalCambodia
Bank • Insurance • Trustee

CANADIA BANK

AUPP
TECHNOLOGY CENTER

BOOKMEBUS
where every corner is bookable

RMA
CAMBODIA

SINET
DEDICATED. ALWAYS.

ISI
ISIGROUP

FWD
insurance

sabay TEKH

RAINTREE

Sala

COOLBEANS

Coca-Cola
Cambodia
Beverage
Company

TECH PRENEUR

DICHI ACADEMY

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CBRD FUND

Highlight of Techpreneur Bootcamp

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Coca-Cola Cambodia Beverage Company

TECH PRENEUR

Techpreneur

Bootcamp

A dynamic program that inspires top university students to innovate and tackle real-world challenges through cutting-edge technology and entrepreneurial expertise.

Participants Insights:

TOP 30

out of **600 students**

37%

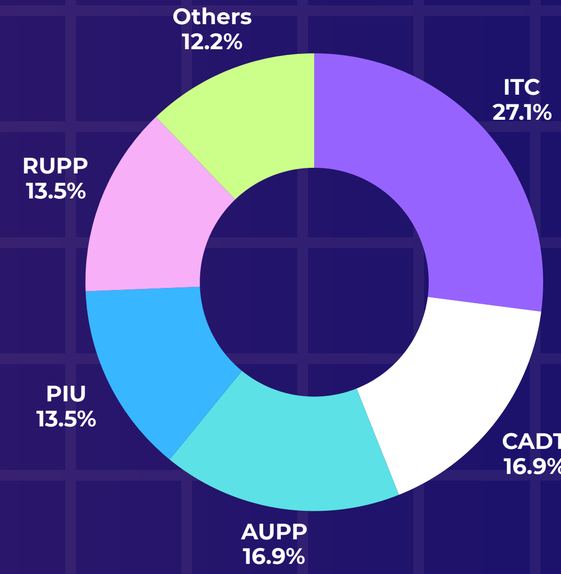
Female Overall

- **Only 10% Female** in IT-related fields

PROVINCES REPRESENTED

- Phnom Penh (33.3%)
- Kandal (13.3%)
- Battambang (10%)
- **Others** (43.4%)

UNIVERSITIES



- ITC (26.7%)
- AUPP (16.7%)
- CADT (16.7%)
- **Others** (39.9%)

TECH PRENEUR

PROGRAM LAUNCH DAY
20 June, 2024

6 Months

ACCELERATED LEARNING
June - Dec 2024

WORKSHOPS & IDEATION CHALLENGES
Aug - Dec 2024

3 Months

IDEATION & MVP DEVELOPMENT
Jan - March 2025

MVP Demo Day
April 2025

TECH PRENEUR

PROGRAM LAUNCH DAY

20 June, 2024

Launching
Event

The journey officially began on June 20th, 2024, with a Launching Ceremony, witnessed by H.E. So Visothy, Career Partners, and guests.

TECH PRENEUR

Accelerated Learning

Techical Training

6 Months

ACCELERATED LEARNING

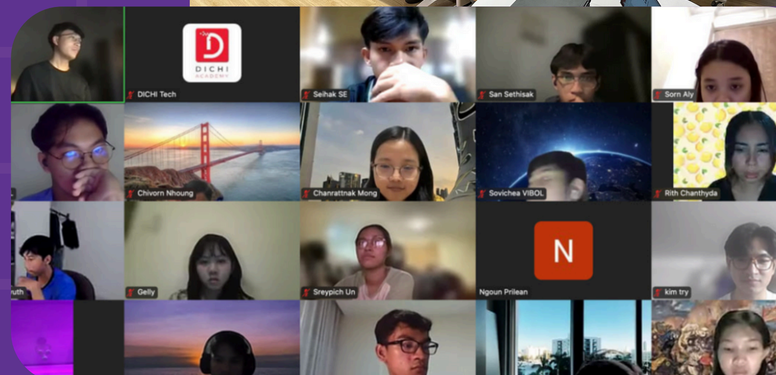
June - Dec 2024

01 Fundamentals of Javascript

02 Ruby Programming

03 Ruby on Rails (MVC Framework)

04 Database with PostgreSQL



TECH PRENEUR

Accelerated Learning

Techical Training (Cont.)

6 Months

ACCELERATED LEARNING

June - Dec 2024

05 Fundamentals of Javascript

06 ReactJs Front End Development

07 NextJs Server Side Rendering

08 NestJs Back End Development

TECH PRENEUR

Accelerated Learning

Entrepreneurship Training

6 Months

ACCELERATED LEARNING

June - Dec 2024

Working as a Team

Market Research

Design Thinking

Pitching & Presentation

Problems & Solutions

WORKSHOPS & IDEATION CHALLENGES

Aug - Dec 2024

WORKSHOPS

INDUSTRY SHARING SESSIONS

FWD insurance

"WORKING WITH DIFFERENT STAKEHOLDERS"

SINET DEDICATED ALWAYS.

"MANAGING AN EFFECTIVE TEAM "

BOOKMEBUS where every corner is bookable

"STARTUP JOURNEY"

WORKSHOPS & IDEATION CHALLENGES

Aug - Dec 2024

WORKSHOPS

INDUSTRY SHARING SESSIONS

"CAREER SELECTION AND PREPARATIONS"

"PROBLEM VS SOLUTION SPACE"

"CREATING THE RIGHT PRODUCT"

IDEATION CHALLENGES

INDUSTRY PROBLEM SOLVING

WORKSHOPS & IDEATION CHALLENGES

Aug - Dec 2024

foodpanda

Amk អេ អឹម ខេ

PhillipCapitalCambodia
Bank ▪ Insurance ▪ Trustee

RMA CAMBODIA

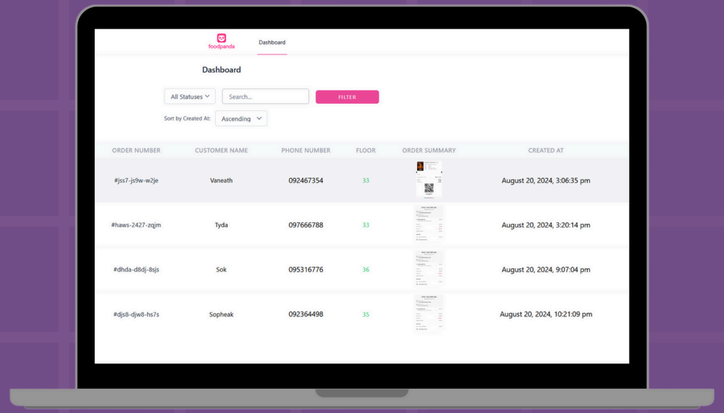
Problem Statement: foodpanda

The primary issue identified is excessively **long delivery times** within the GIA Office Building.

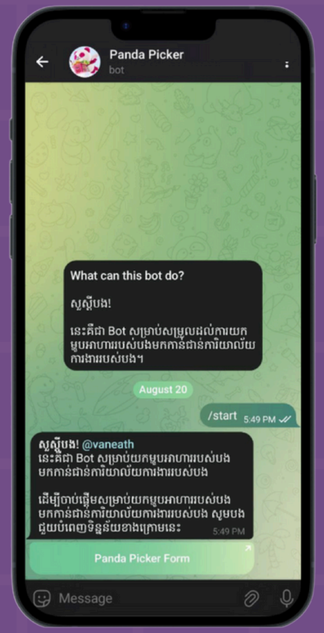
Customer Wait Times: Customers experience lengthy queues in elevators to meet the rider.

Rider Wait Times: Riders often face prolonged waiting periods outside the building.

Student's Solution: foodpanda



PANDA PICKER BOT



Before the Solution:

- Customers spent **30 minutes** in the elevator.
- Riders waited **15 minutes** for customers.

After the Solution:

- Customers now wait just **7 minutes**.
- Riders wait less than **2 minutes**.

Daily Time Savings (20+ Orders):

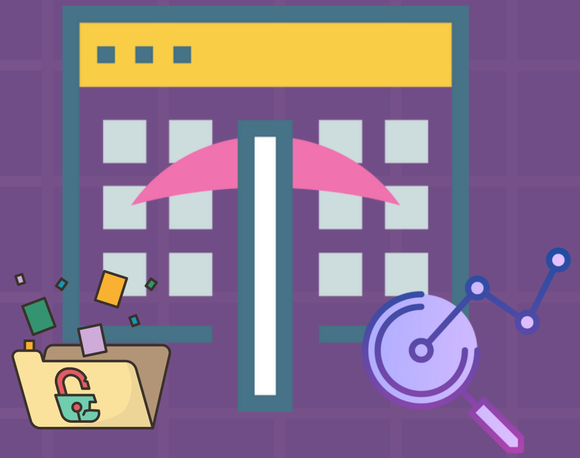
- Customers saved a total of **8.5 hours**.
- Riders saved a total of **5 hours**.

TEAM 1 - PANDA PICKER

Problem Statement:

RMA Cambodia seeks a **Data Acquisition** Plan to understand the car market and customer personas better.

Student's Solution:



This team leverages AI for **data analysis, scraping data** from Khmer24 and Facebook to **identify patterns, ensuring fast** implementation with an existing platform.

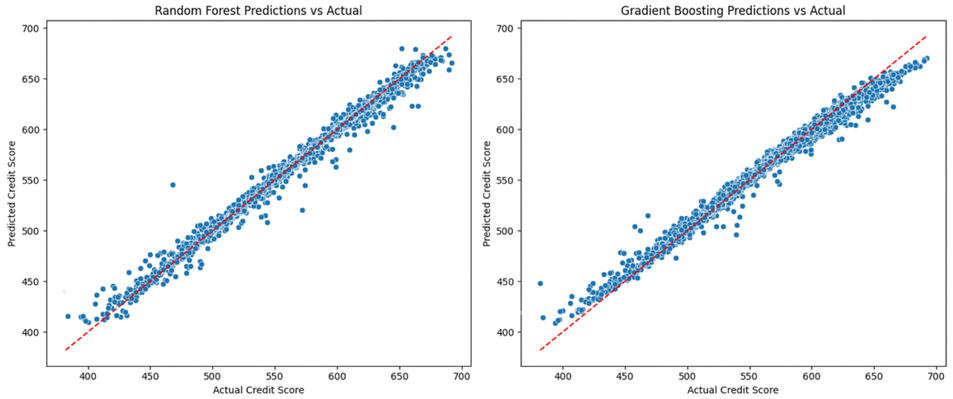
Problem Statement:

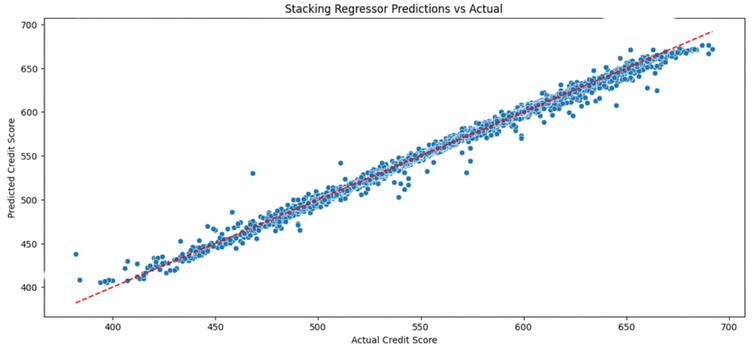
PhillipCapitalCambodia
Bank ▪ Insurance ▪ Trustee

Phillip Bank is seeking a **tech-driven** solution to **predict and analyze** customer data. Furthermore, the bank needs **effective strategies** to improve customer retention and engagement.

Student's Solution:

PhillipCapitalCambodia
Bank ▪ Insurance ▪ Trustee





Random Forest CV R²: 0.9887 = 98.87%

Gradient Boosting CV R²: 0.9831 = 98.31%

Stacking Regressor R²: 0.9927

99.27%

Problem Statement:

First Statement: AMK internal staff can see improvements in **searching for precise information** from **various documents** more conveniently and accurately to boost productivity.

Student's Solution:

Sentence1: I found a **bug** in my garden.

Sentence2: I found a **bug** in code.

Sentence3: This person is **bugging** me.

Text Embedding Model

0.6	0.3	0.1	...
0.8	0.5	0.3	...
0.4	0.2	0.9	...

Store these in vector database

With **AI-powered search** and **intelligent responses**, this winning team claimed **first place** by leveraging embeddings, vector databases, and LLMs for fast, accurate document retrieval.

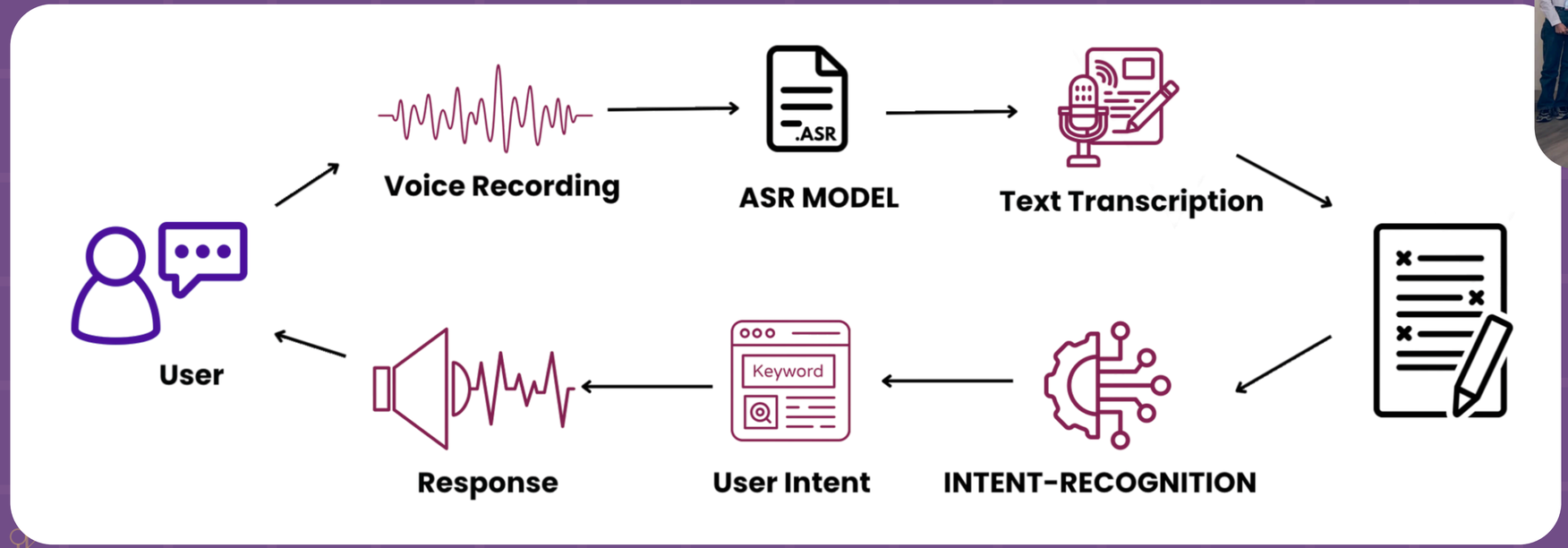
Problem Statement:

SPEECH-TO-TEXT

TEXT-TO-SPEECH

Second Statement: AMK Mobile are in need of **Speech-to-Text** and **Text-to-Speech** for the Khmer language. They aim to expand their features to serve their customer base, who rely on voice messages as their preferred form of communication.

Student's Solution:



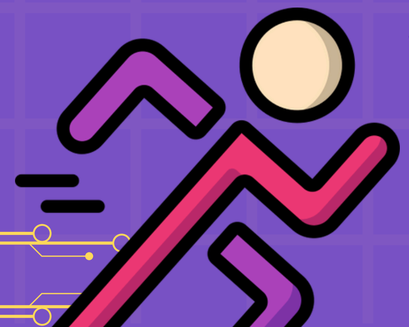
The team used **ASR models** and **intent recognition** for seamless **voice-to-text transcription** and **accurate user intent detection**

Ideation
& MVP Development

3 Months

IDEATION & MVP DEVELOPMENT

Jan - March 2025



With only **3 months,** they now form their team to **ideate** and develop a **functional MVP (Minimum Viable Product)**

MVP Demo Day

MVP Demo Day
April 2025

After 3 short months, the techpreneurs now pitch in front of our industry partners and private sectors to showcase what they have built, from the ground up in this intensive phase.

Program Achievements

22 ↗
Growth in Confidence

95%
Attendance **(over 9 months)**

100%
Globally Certified

3000+
Coding Exercise Completed

9.2 /10
Satisfaction Rate

Post-program Impacts

Globally Certified Full Stack Developer

BY US SILICON VALLEY

2 MVP Solutions

Adoption in Corporations

26/30

Employed Rate

Achieved in just **3 months**

Industries Our Graduates Work In

- Finance
- Agriculture
- EdTech
- Technology
- Public Sector
- Marketing
- E Commerce

Employed By

PhillipBank

HUAWEI

konektAgri
Connecting Khmer Farms

What makes Techpreneur special?

More than ideate, create

NOT a competition,

Solving real world problems!

International Standard Training and Certification

Strong industry partners engagement

Growing a diverse tech ecosystem

TECH PRENEUR

Are you ready for Techpreneur 2.0?