



# Technology Information System

PRESENTATION BY (GROUP 1):

1. MUHAMMAD SYAFIQ BIN ABDUL RAZAK
2. SAEED BIN ABDULRAHMAN
3. MUHAMMAD SYAZWAN BIN KAMARUZAMAN



# Muhammad Syafiq bin Abdul Razak

Full-stack Developer & UiUx Designer

# List Of Skills that I used or Learned

- 1. **JavaScript & TypeScript:**  
Used for building interactive and reliable web applications.
- 2. **Node.js (Backend & Servers-side rendering) :**  
Managed server-side operations for the project.
- 3. **React.js, Tailwind CSS & Bootstrap (Frontend & Client-side rendering) :**  
Helped create a responsive, user-friendly interface.
- 4. **Next.js (Framework) :**  
Helped create a responsive, user-friendly interface.
- 5. **MySQL (relational database management system (RDBMS)) :**  
Helped create a responsive, user-friendly interface.



# Major project that I contributed



Electronic Medical Record . Artificial Intelligence

UiUx from HIS@KKM system

UiUx from EMR.ai system

## Objective:

- Update the old HIS@kkm healthcare system to be more modern and accessible on any device, supporting a "Bring Your Own Device" policy for healthcare providers.

## My Role:

- Fullstack Developer and UI/UX Designer, responsible for both coding and designing a new, responsive interface.

## Challenges & Solutions:

- Legacy System Complexity:** We broke down the old system into essential modules to manage the project's complexity.
- UI/UX Redesign:** I focused on creating a user-friendly, mobile-compatible design.
- Small Team Size:** We prioritized core features due to limited resources.

## Outcome:

- EMR.ai provided a modern, user-friendly system, allowing staff to access records anytime, anywhere, enhancing their productivity and satisfaction.



# Reflect on Experience

## 1. Teamwork:

- Regular collaboration kept us aligned and efficient.

## 2. Communication:

- Consistent feedback helped improve the design and functionality.

## 3. Problem-Solving:

- Prioritizing critical features helped us handle the large workload.

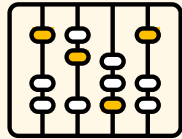
## 4. Adaptability:

- I adjusted my designs and approach based on user needs, helping us meet project goals.



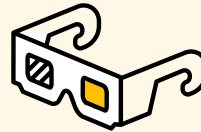
# Connecting Work To Practical Business Goal.

## Efficiency



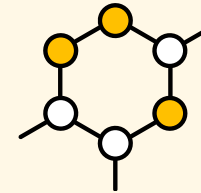
The new design reduced time spent managing patient data, letting staff focus more on care.

## Customer Satisfaction



A user-centered interface made the system easier to use, and the BYOD policy allowed staff more flexibility.

## Business Impact



The improved system boosted productivity and opened opportunities for better patient outcomes and potential revenue growth.



# Summarize Key Learning

## Key Learnings

This project sharpened my coding, design, teamwork, and problem-solving skills.

## Career Preparation

I gained confidence in tackling real-world challenges and built a solid technical foundation.

## Future Goals

I aim to strengthen my skills in cloud computing and agile project management, while staying updated on new technologies like AI.



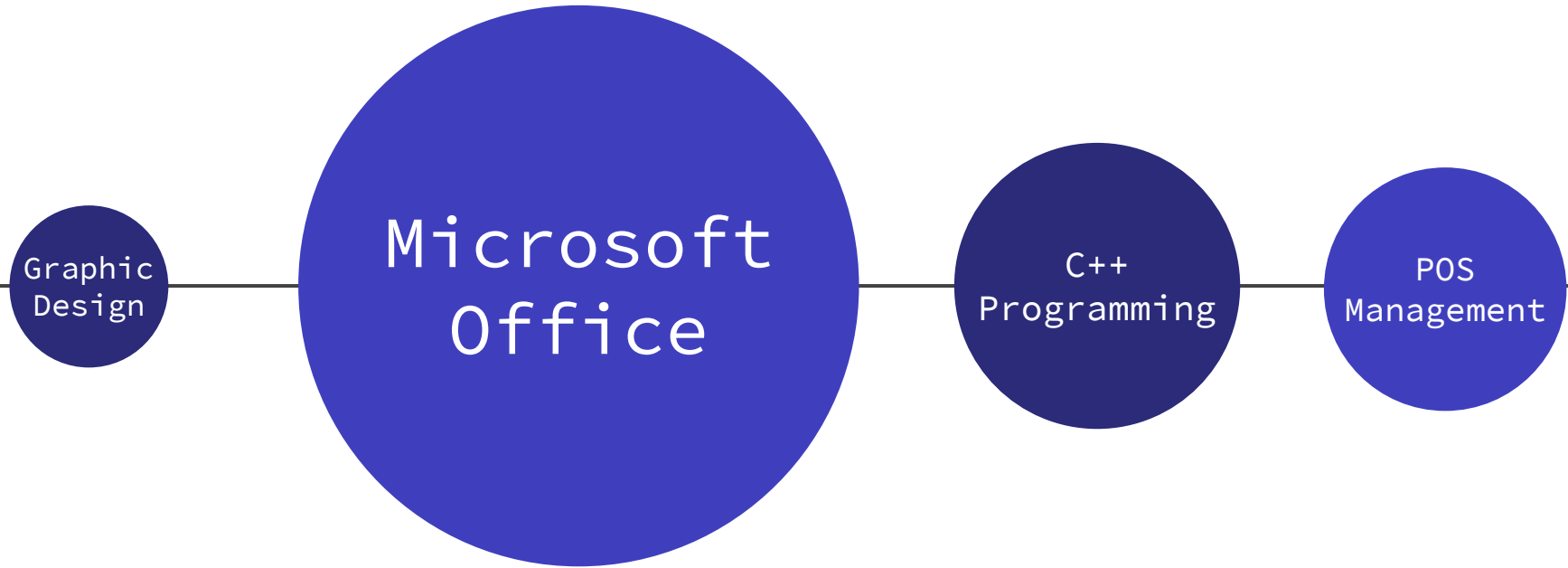
Thank you



# Saeed Basalama

Fragrance Vendor | Software Engineering Student

# Technical Skills



# Project: MAHA 2024 Sales

## Objective

Track the sales during the convention to later provide a comprehensive overview of the data collected

## My Role

Compile the sales record from the beginning of convention to the end in a presentation format.

## Challenges and Solutions

Plenty of items were sold as well as 5 variations per item made it a challenge to translate a linear sales record to a presentation. Solution was to manually input the sales into tabular spreadsheet to be easier to represent in graph form.

## Outcome

A concise and clear presentation was conducted, detailing the sales number and the most popular items as well as the most suitable variations.



# Soft Skills



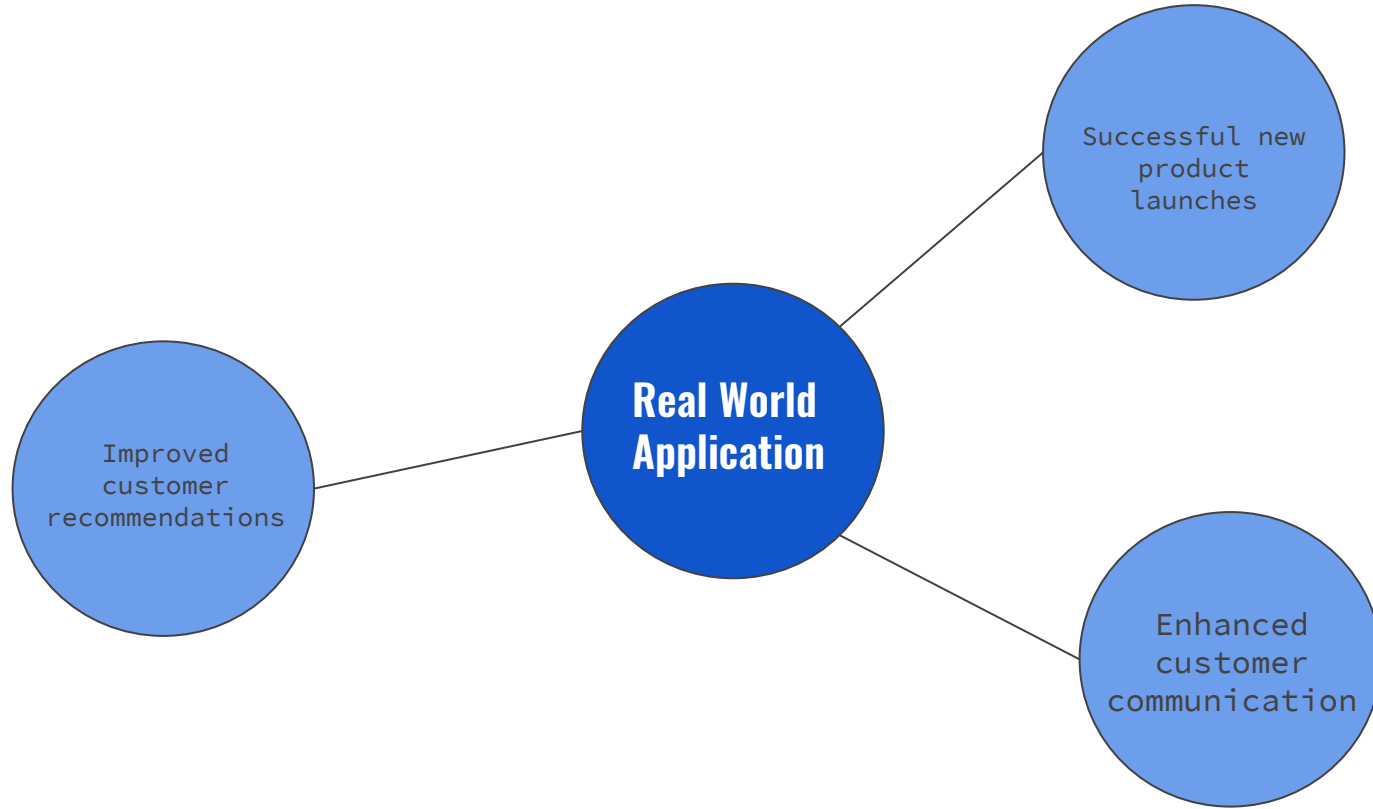
Time  
Management

Active  
Listening

Collaboration

Interpersonal  
Communication





# Reflection & Conclusion

## **Reflection**

This experience has deepened my understanding of data representation and refined my skills in sales presentation. I'm now confident in tackling different or related IT challenges.

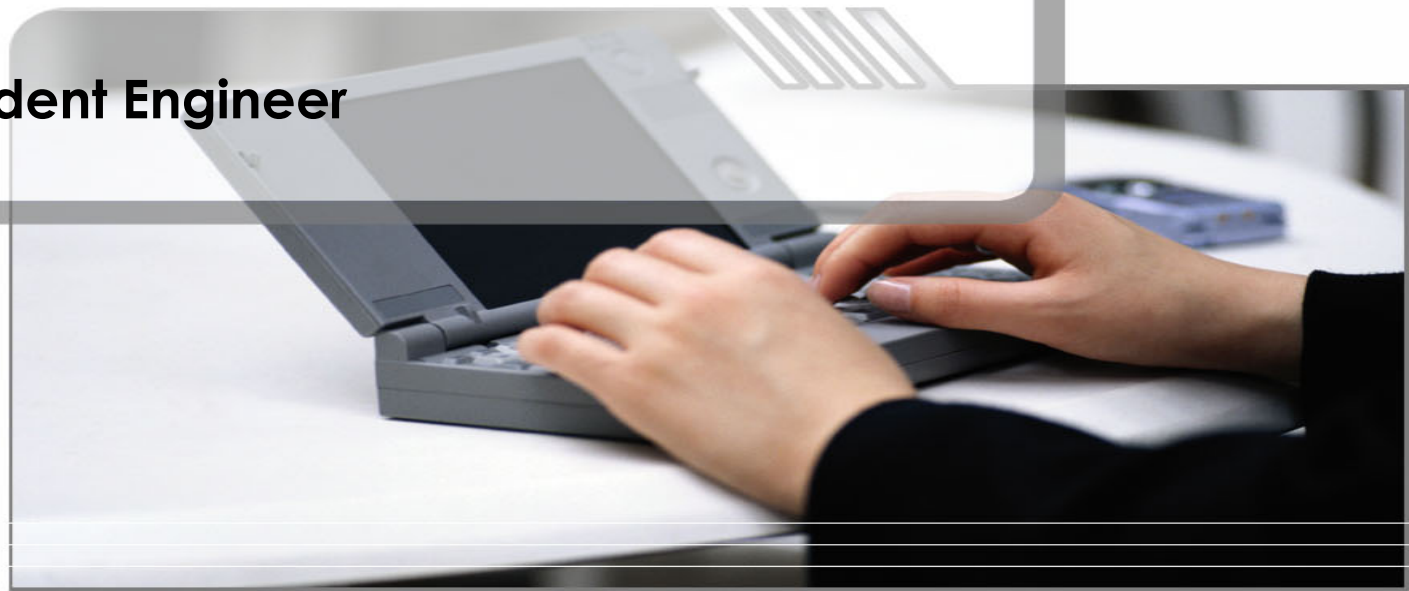
## **Future**

I hope to learn better techniques of data analysis and use them to my advantage in work or own business.

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Muhammad Syazwan

**Resident Engineer**



# Experience

1

Resident Engineer - JOS Malaysia

2

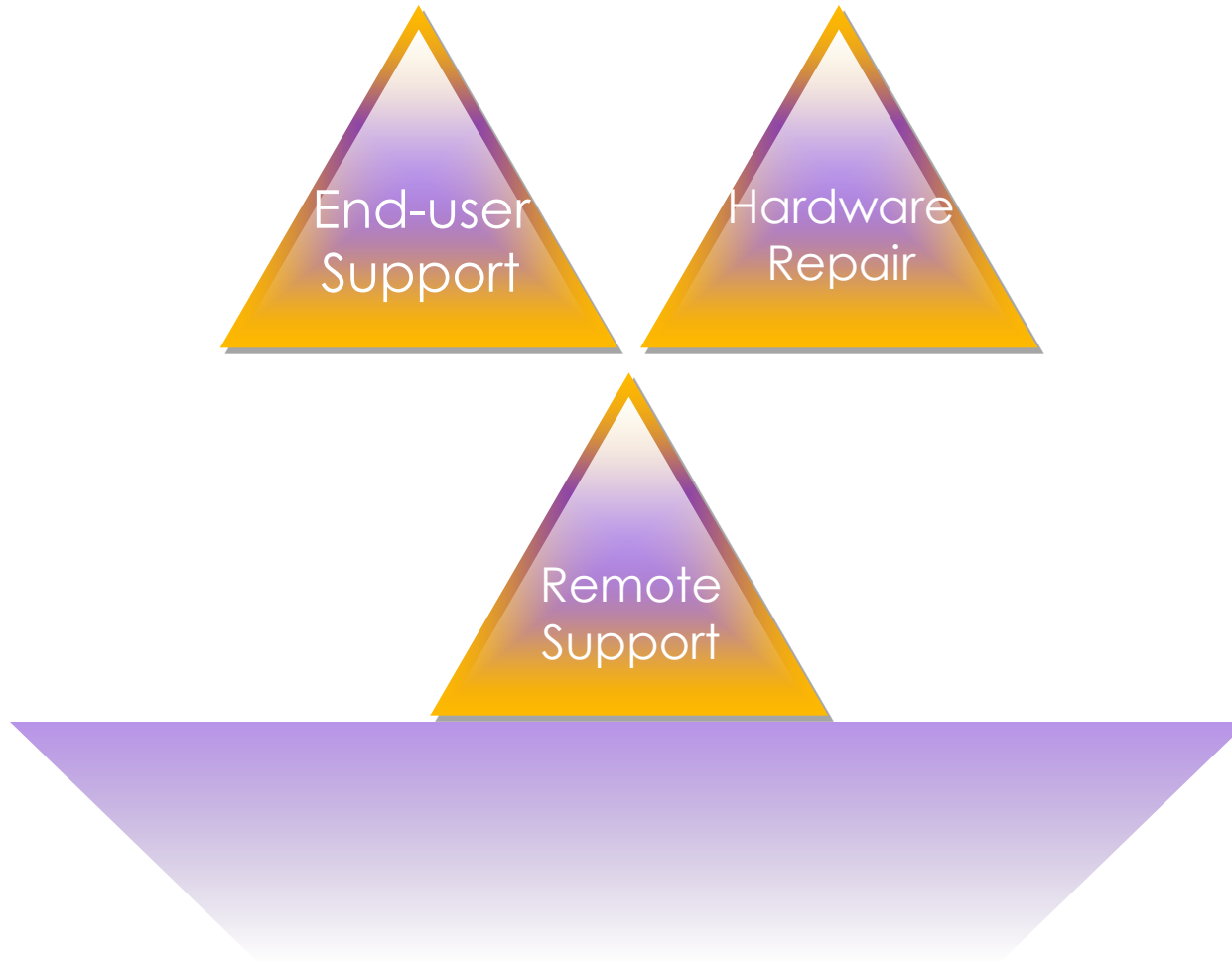
Field Service - CTC Global

3

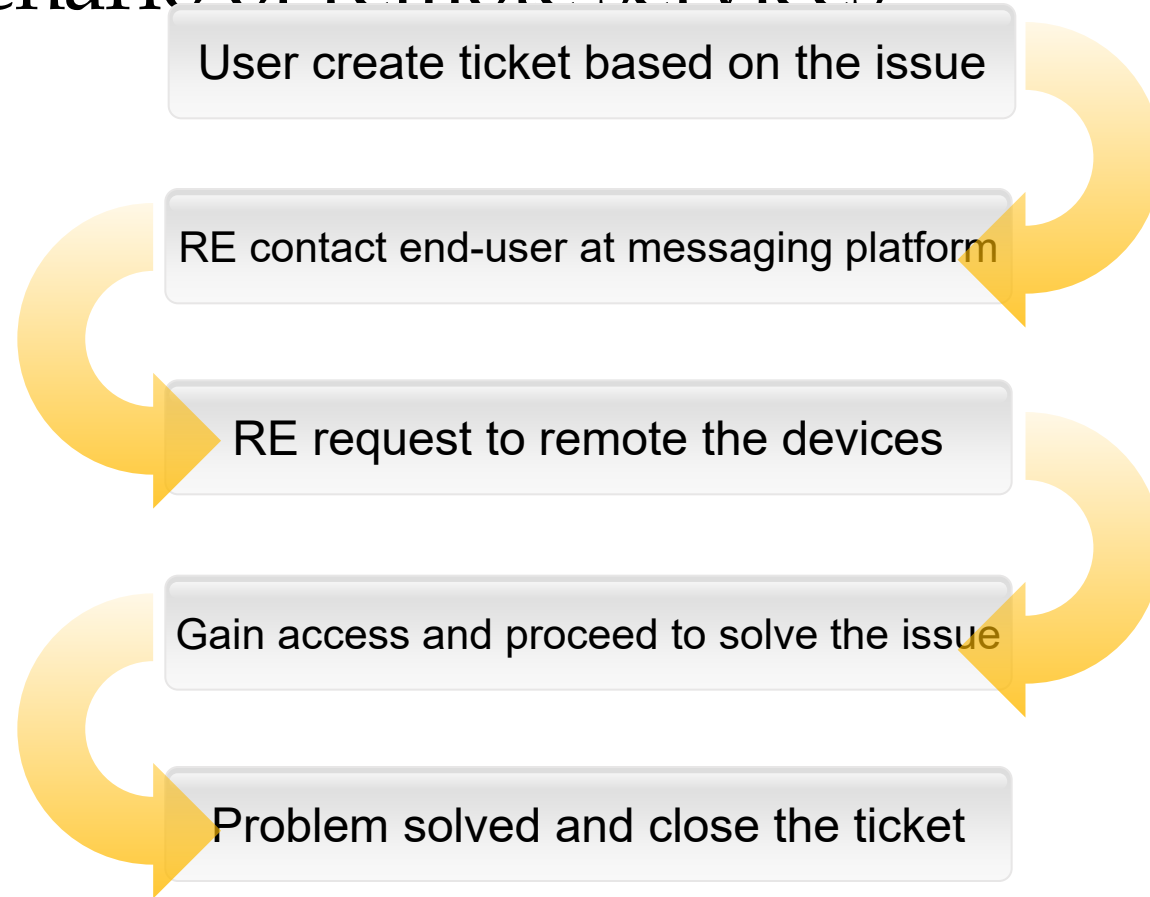
Technician - BT System Sdn Bhd

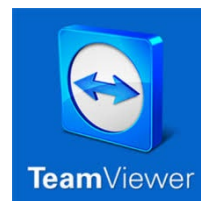


# Skills



# Example scenario of remote services





SAP Logon



Thanks!

