REPORT ON INDUSTRY TALK 2
SYSTEM DEVELOPMENT @ CREDENCE (TM SUBSIDIARY)

GROUP : 12

MEMBER :

- **MATHAN RAO A/L RAMAVIJAYAN (A23CS0109)**
- **HUWA JIA SHENG (A23CS5005)**
- **TAY CHING XIAN (A23CS0307)**
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DESCRIPTION OF THE SYSTEM DEVELOPMENT

(Credit : https://tm.com.my/news/tm-launch-credence)

System development is the process of defining, designing, testing, and implementing a new software application or program. It could include the internal development of customized systems, the creation of database systems, or the acquisition of third party developed software. Credence stands out as a service-oriented company specializing in analytics and cloud services. Their dedicated teams of professionals are committed to their work on projects to deliver solutions to customers. The analytics process includes data collection, transformation, analysis, model building, visualization creation, and deriving insights. Various roles such as business analysts, data architects, data scientists, data analysts, data engineers, and BI developers collaborate seamlessly throughout these stages. Credence prides itself on fostering a collaborative team with open communication, continuous learning and growth, encouragement of empowerment and independence, commemorating achievements and milestones.

HISTORY

Telekom Malaysia Bhd (TM) has introduced Credence, its latest venture in cloud and digital services, aiming to support both private enterprises and the public sector on their path towards digital transformation. This initiative was outlined in a joint statement. Krish Datta, the founder and CEO of Credence, highlighted that the digital services will encompass a spectrum of capabilities, spanning from technological infrastructure to business insights, cloud advisory, IT landscape migration, software-as-a-service (SaaS), managed services, as well as analytics and insights. The launch of Credence on July 6th, 2022, also marked the announcement of significant partnerships with VMware, AWS, and Huawei. These collaborations will empower Credence to offer an extensive array of options to enterprises, tailored to their unique growth requirements.

TECHNOLOGIES AND TOOLS USED IN SYSTEM DEVELOPMENT

- Database and online analytical processing (OLAP)

- Visualization tools; Metabase and Superset to suggest customer who has own limited budget for a project

- Programming language (SQL, Python) and Data Engineer (Bash Syntax for cloud data pipeline)

- ELT/ETL process, Airflow is used to orchestrate data collection, transform the data and push into database

REFLECTION

HOW YOU WILL BE A SYSTEM DEVELOPER IN THE NEXT FOUR YEARS?

MATHAN RAO A/L RAMAVIJAYAN

Over the next four years, I want to become a good system developer. I'll keep going even when things are tough, remembering the tips and lesson from the career talk. I'll learn more about analytics by understanding and remembering what i learn in lecture class. The workplace during my internship soon will make me more unstoppable , like always learning and working in a team, improve communication skills and so on. With confidence, I hope to be a helpful system developer in the future.

HUWA JIA SHENG

For the next four years, I would like to improve my skills and hone to various computing languages and software such as Java, C++, Python and others. Furthermore, participating in various projects and education involving computing can help me strengthen my knowledge towards computing and coding. Lastly, I would participate in workshops to develop programs, becoming a fine system developer.

TAY CHING XIAN

Over the next four years, I aim to enhance my capabilities in system development by staying updated with the latest technologies, mastering new programming languages, and honing my problem-solving skills. It will be essential to adopt cutting-edge techniques and work together with the tech community to develop reliable, scalable, and effective systems that can adapt to changing user requirements.

HAMDAN SALEH OMAR AL-MOHAMADI

I want to improve my programming abilities over the next four years by doing practical projects and ongoing education. My objectives are to remain current with developing technologies, take part in pertinent workshops, and make contributions to open-source projects. In order to improve my problem-solving skills as a system developer and obtain real-world experience, I will also look for collaboration opportunities.

SEIFELDIN TAHA ABDELRAHIM TOHAMI

After attending the talk and doing my research on system development,I decided to become a software developer. In these 4 years,I will expand my knowledge so that I have a good foundation in the future.I will also intern in a company that focuses on software development so that I will get the working life experience.