REPORT ON
SYSTEM DEVELOPMENT@ CREDENCE
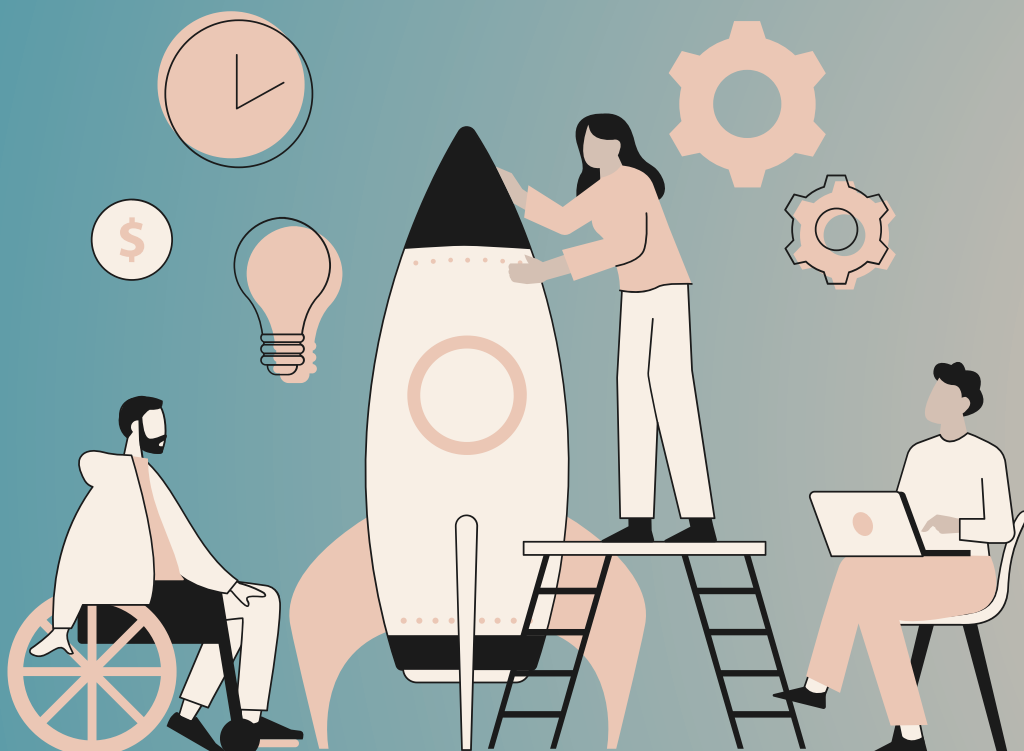
Group 2 JELLYBEAN

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Description of the System Development

~> Credence is a new and digital company that powered by Telekom Malaysia. Credence company focused on developing the enterprise capabilities and the digital public sector. This company was built to improve the cloud and analytics. Analytics defined as data analysis extract the insights and draw conclusion.

~>This company use various tools and technologies in order to process or analyze data from external data or social media. The process analytics typically involves data collection, data transformation, analytics and modelling and also prediction and visualization. The system development at Credence has introduced the Credence's capabilities in Analytics. Credence offers the careers in Analytics including Business Analyst, Data Analyst, Data Architect, Data Engineer, Data Scientist and also BI Developer which comes with its respective job scopes and specific responsibilities.

History

Credence is an expert in simplifying the management of the continually evolving technology world and streamlining the company's operations with invaluable knowledge. The specialized advice services offered by Credence help clients understand their technological environment, how to make it work for their company goals, and how to deal with the risks and benefits that come with it.

Credence distinguishes out because of its connection with the TM Group. This relationship allows Credence to create solutions by forming strategic collaborations with top cloud and cloud-native application providers in the market. Credence is able to provide unparalleled support due to its partnerships with AWS, Microsoft Azure, SAP, Oracle, and VMware, as well as its worldwide talent pool of domain and technology specialists.

Since Credence is still a small company with a limited number of employees, it is critical that all departments work together and having open communication to solve problems and share ideas in order to improve the company. In order to maintain its capacity to compete on an international level, this organization must continuously create new ideas, learn, and adapt to new technological developments.

Technology and Tool Use in Credence's

1.Databese/OLAP
Such as PostgreSQL, Clickhouse, and Druid are easier to use

2. Visualization Tools
Tableau and Power BI as the most popular tools. Also Metabase and Superset as open source visualization tools that are cheaper

3. ETL/ELT
Such as Airflow and Spark, Airflow is the most common tools they use

4. Programming Language
Such as SQL, Python, and Bash Syntax

REFLECTION

LEW SHU BEI
A22EC8002

The history of Credence was explained to me by Ms. Qistina during her presentation.Besides that, I can learn more about Credence's operations as it is a growing firm.Therefore, if the employee continues to learn and improve, this company has the potential to become an even better business down the road.Lastly, I am grateful for the opportunity to have participated in this talk as it provided me a lot and let me understand the company's reputation.

TAN SHEAU JUN
A22EC8001

In my opinion, this talk implies a lot to me, especially to become a system developer. A system developer not only requires the technical knowledge that they learn on the lesson, it also requires the communication skills, autonomy and continuous learning spirit. In the next four years, I think I will become a responsible system developer that does all my best to solve the tasks given by my boss and create a system that can fulfill the requirements of my client.

SITI NUR FATHIYYAH BINTI MARZUKEE
A23CS0269

Based on the talk, I gained a lot of information about Credence company, TM's new cloud and digital services company. I had a chance to know the system development and the job overview in Analytics Industry that offered at Credence. I really impressed with the workplace culture in Credence where they are open communication with each department at the company, also they always have celebrations for staff successes that gets me interested to know about the company.

HUMAIRA SHEYLA NURFAYZA
A23CS4010

The industrial talk captivated me, offering valuable insights as a computing student in search of a fitting job. The session has broadened my perspective on potential career paths and how analytics plays a crucial role in the industry. The information shared has fueled my interest in pursuing a career that aligns with my skills and aspirations. I am grateful for the valuable guidance provided during the talk, and it has certainly given me a clearer direction in my job search journey.

AFLAKH RASIKH IBADURRAHMAN
A22EC4022

In the next four years, my plan to become a system developer is straightforward. I'll stay updated with the latest technology trends, master key programming languages, seek guidance from experienced professionals, engage in hands-on practice, and build strong skills in data analytics. Recognizing the importance of AI and machine learning integration, I'll focus on adaptability and effective problem-solving through improving programming and debugging skills. This streamlined approach positions me to succeed in the evolving field of system development.