

Leveraging on IT to Increase Productivity & Efficiency in Residency Dashboard Reporting

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AIM

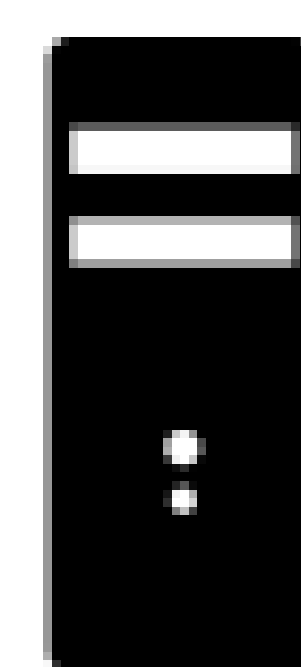
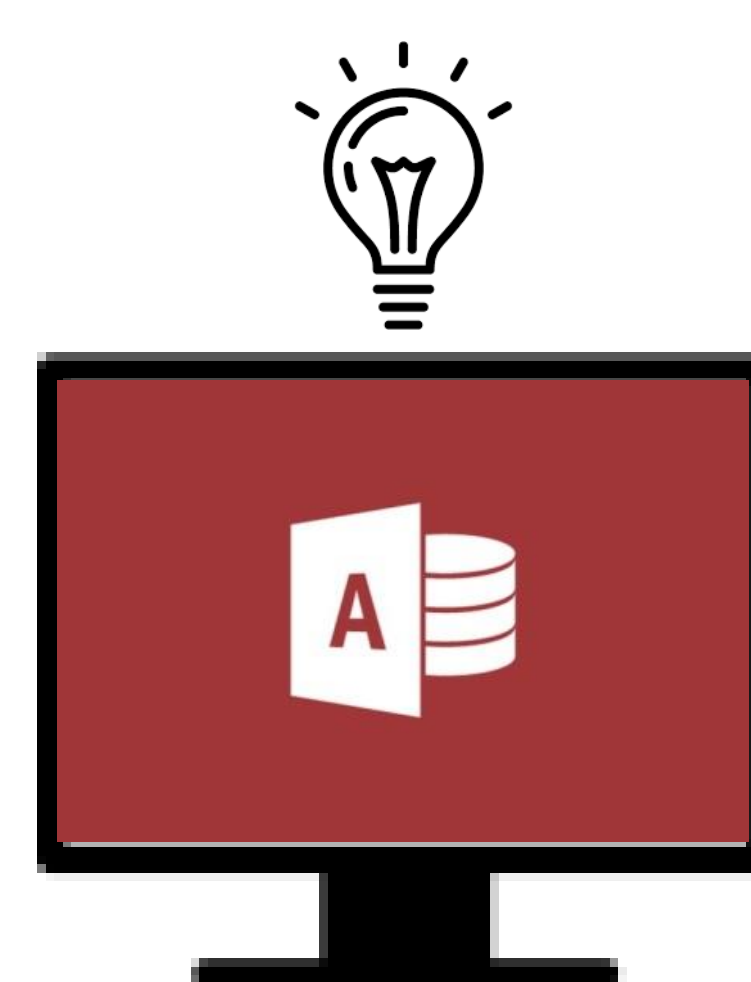
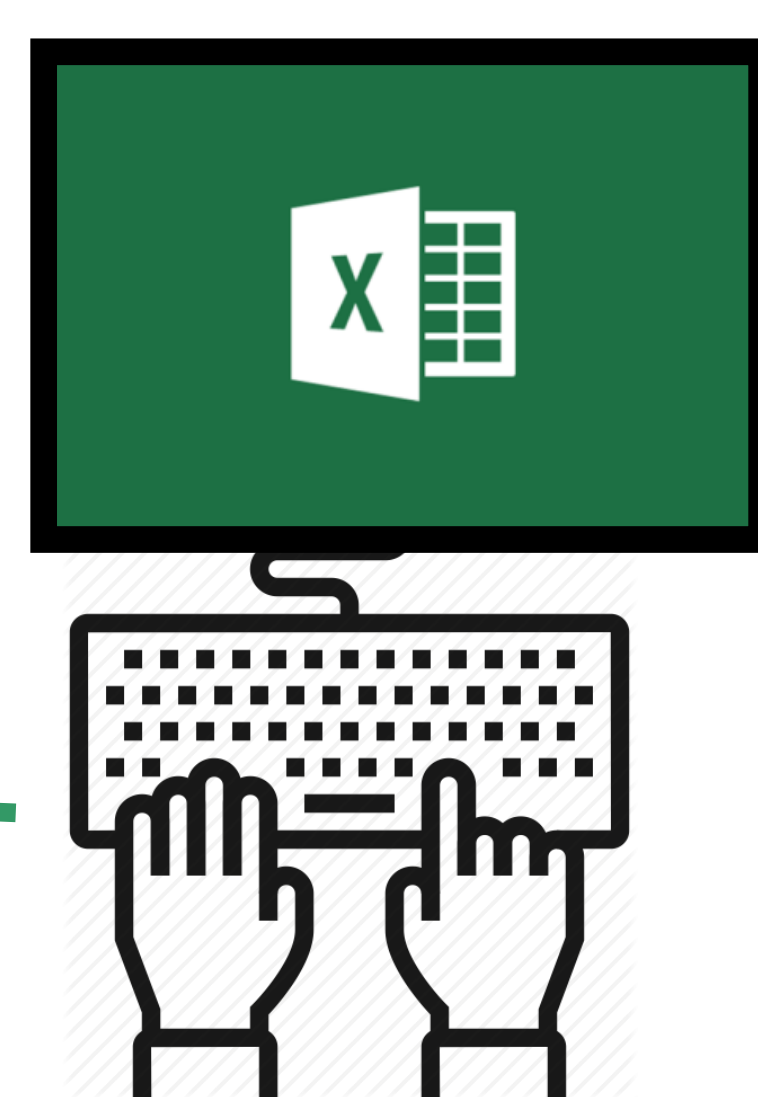
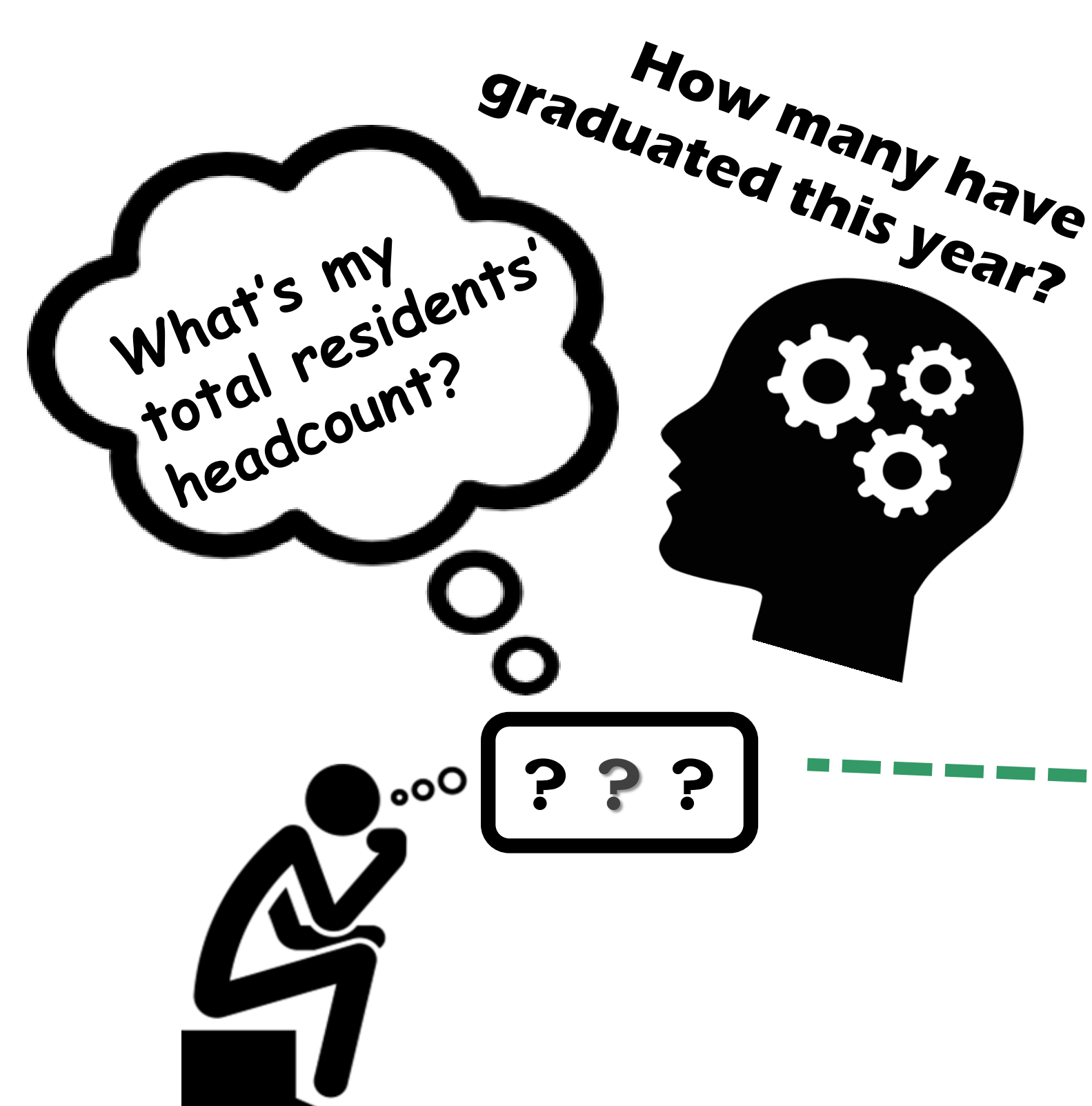
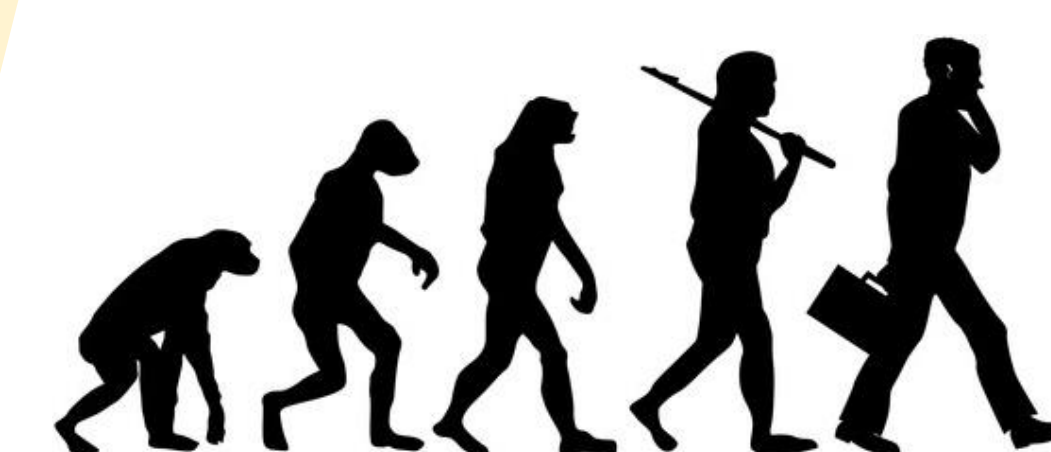
To enable the Graduate Medical Education Committee (GMEC) in overseeing the performance of Residency programmes in SingHealth, the programme dashboard was developed in 2014 as a monitoring system with quantitative metrics for the variables identified in the accreditation requirements.

With the large amount of data collected from 34 Residency Programmes across SingHealth, the aim was to automate the data collection and reporting process to eliminate manual transfer of information, increasing productivity and efficiency.

The dashboard was first developed in Microsoft Excel where data were manually tabulated and submitted by individual programmes. This method quickly proved to be unsustainable as the amount of data progressively increased over the years.

Hence, an automated Dashboard was created on Microsoft Access where data is drawn directly from the Resident Demographics Database (Rddb) to provide a platform for Program Executives to enter and verify the data. This ensured data consistency and accuracy across all parties.

METHODOLOGY



CONCLUSION

The automated dashboard has demonstrated the advantages of generating more accurate and timely reports, enabling GME Office to release the reports to stakeholders approximately 45 days earlier. With the amount of time saved, it also enabled programmes more time to study and analyze the data, and Management having an optimal oversight of the programmes' performance.

