

WID2001: Knowledge Representation & Reasoning

Semester 2, Session 2022/2023

Assignment (10%)

Questions and Individual Tasks

Congratulation! You are just being appointed as **a new Knowledge Engineer (KE)** at a Smart-Tech AI Solutions Sdn. Bhd. The CEO, Dr. Mahmud has planned to restructure and invest in using **an Expert System and a Chat-bot** to improve the company performance and visibility.

Prepare **your first E-portfolio** which consist of the following:

1. Your **CV** with appropriate Knowledge Engineer's skills (3%)
2. *An **analysis of one ES** in the market and present the details finding using an infographic (5%)
 - i. The ES objective
 - ii. The ES domain area & scope
 - iii. The ES components
 - iv. The software/hardware used
 - v. The references
3. Suggest **how to enhance** the ES (in Part 2 above), so that it able to suit the wishes of the CEO (2%)

Submit the E-Portfolio by **Week 6** (18.April 2023). You can use any platform and format for the E-Portfolio, provided it is friendly and can be accessed by the CEO 24/7.

*Note: This analysis will be referred back in your next Group Project.