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Title: The Use of AI in Group Decision Making
Dates: 03.02.2025 – 08.02.2025
Prüfungsform: ModA
Zweitprüfer: Christian Greiner

Learning Objective:
Business activities take place in a global economy where diverse cultures and economic systems continuously meet and collide. To manage these transactions effectively, develop sustainable cross-cultural relationships and promote a sustainable global economy it is important to learn how to make effective decisions within organisational systems. This course introduces the student to essential decision-making strategies and skills. Students also learn how to apply AI decision support systems such as ChatGPT. The course applies evidence-based teaching methodology and active learning strategies to engage students in the learning process. It culminates in a final group project of "AI in Group Decision Making" involving the application of strategies and skills learned during the module.

Content:

- Understand and apply strategies and skills of group decision making,
- Understand the foundations of AI Systems,
- Define the steps of Human-AI Interactions, including strengths, weaknesses and pitfalls
- Analyse and evaluate the Human-AI collaboration within negotiation and decision making processes

Expected Assessment:

1. Active participation is class and team discussions
2. Evaluation of project work and case analyses through class presentation and discussion
3. Final presentation and reflection of a group project

Literature/Reading Assignments:

- Russell, S.J. and Norvig, P. eds., 1995. Prentice Hall series in artificial intelligence. Englewood Cliffs, NJ:: Prentice Hall.
- Reinhart, J., & Greiner, C. (2019). Künstliche Intelligenz–eine Einführung. Grundlagen, Anwendungsbeispiele und Umsetzungsstrategien für Unternehmen.
- Cases and other readings used for class discussion and analysis will be made available online