ERPsim

Business Simulation Game
SAP UCC

Also available:

Global Bike Go HANA Develop-ment TS410 IBP S/4HANA SAC Global Bike Configu-ration I4.0 BW/4HANA SAP Datasphere

Game-Based Learning with ERPsim

Divert from usual course formats and motivate through Serious Gaming! With ERPsim, students run a virtual company in a competitive market. In this way, business processes are taught playfully using a real SAP S/4HANA system.

Participants form competing teams and take on different roles to make the best possible decisions and analyze them (business analytics). To interact with the system, a realistic mix of self-developed and native Fiori apps and Web GUI transactions is used.

The Games

In total, there are 9 games with different levels of difficulty in the areas of manufacturing, logistics, and procurement (Maple):

In the areas of production and logistics, there are also sustanibility scearios available, in which the CO2 footprint plays a role.

The system simulates a market in each of these games and the players have to react to external influences accordingly. Simple tasks are automated since the focus lies on decision making and collaboration among players. Time is another critical factor, as the game takes place in a dynamically accelerated environment where a day in the game is equivalent to only one minute in reality.

The time pressure as well as the competition encourage players to react quickly to changes in the market and thus make effective decisions. Since every action in the system triggers further processes and causes direct feedback, interdependencies and dynamics within a company are understood much better - business processes are taught in an integrative and realistic way.

The games are aimed at students with or without prior ERP-knowledge and can be used in various course concepts.

Game Features			
Real-time business decisions	✔	✔	✔
Adaptable difficulty scenarios	✔	✔	
Operational excellence	✔	✔	✔
Business analytics and data visualisation	✔	✔	✔
SAP Fiori UI	✔	✔	✔
ERP configuration & master data	✔			

The Idea of ERPsim

- To teach integrated business processes in SAP S/4HANA in a fun way
- Learn about ERP systems
- Leverage analytics to stay "ahead of the curve"
- Get to know BI functionality (from third party vendors)
- Prepare for a TS410 certification

Requirements for the use in teaching

- "Level 1" certification of the instructor (ERPsim Certified Instructor)
- A separate S/4HANA client from your SAP UCC
- Licenses for the learners from HEC Montréal

Services for teaching, research and co-innovation

SAP University Alliances is a global program that provides more than 3,000 universities with free SAP software licenses for academic purposes. Within this program the SAP University Competence Centers (UCC) host SAP solutions for teaching, research and co-innovation.

In addition UCCs develop and manage academic teaching materials to assist lecturers and researchers. While UCCs assure 24/7 availability of complex system landscapes and support users closely, faculty members can fully concentrate on their core competences: teaching and research.

By using our scenario-based and practical curricula on latest SAP solutions, lecturers and students can reach their full potential. Our comprehensive teaching materials consist of presentations, case studies and hands-on exercises. Additional teaching tools facilitate continuous student assessments and foster group discussions.

Our experts can support you through all phases.

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