Using an Enquiry Based Learning Tool to Encourage Student Engagement

DMU Teaching & Learning Conference 2019

Facilitators:
Darren Sparkes, Associate Professor, De Montfort University
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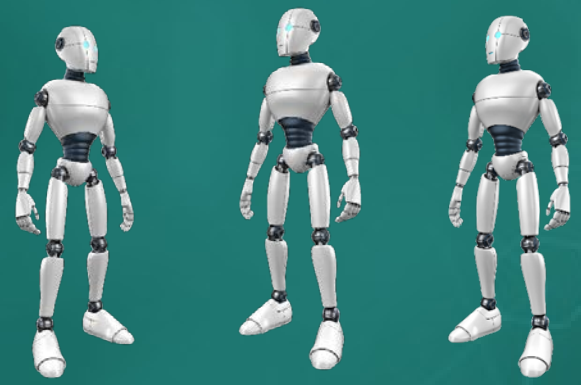


Domestic robot manufacturing business in 2031.

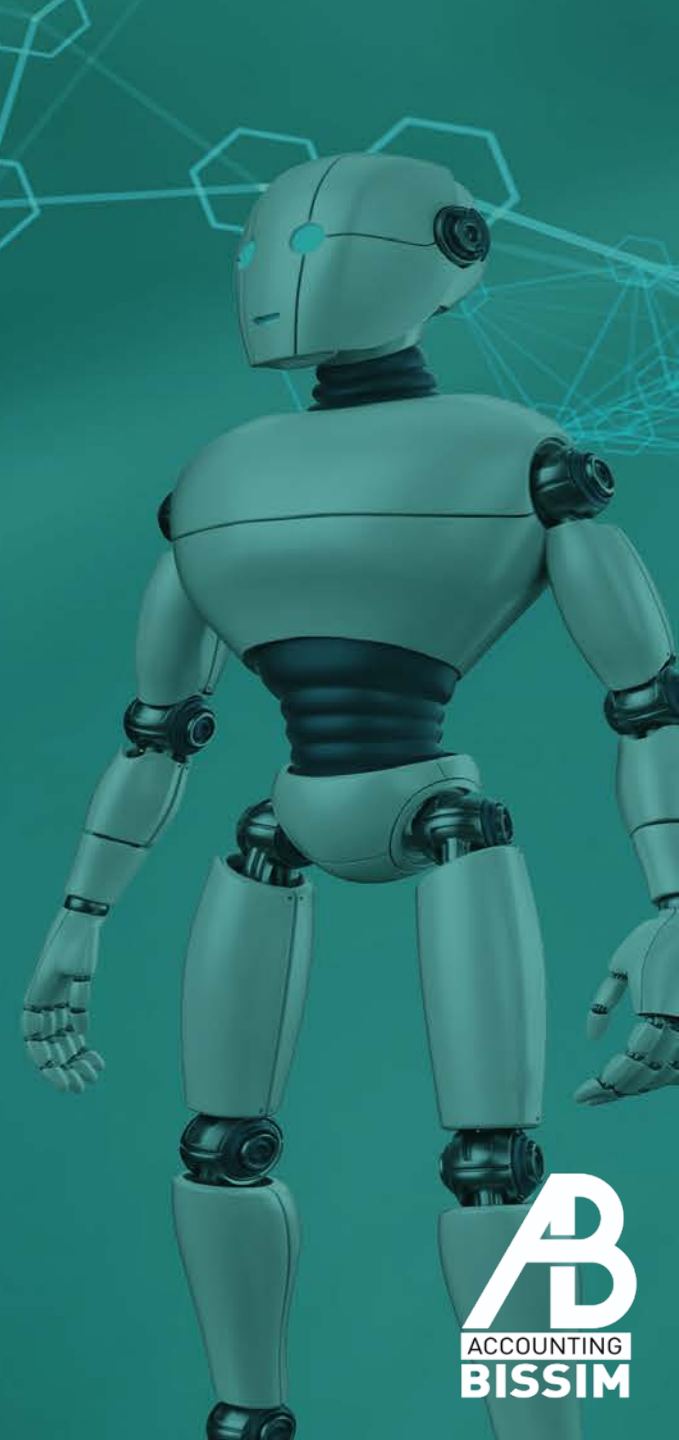
You work as Board of Directors.

The Accounting BISSIM Simulation

Business operates in a simulated competitive market place.

Facilitator inputs decisions into software.

Software produces annual business results.



ACCOUNTING BISSIM

2031 Decisions (Read pages 1 & 2 plus 2030 results)

Production Schedule

- Current factory capacity = 1,600 Robots

Wages/Salaries

- Total 155 employees (125 production staff)
- Average remuneration = W$10,000pa

Retail Price

- Currently retailers sell at W$5,000 per robot
- Trade discount = 20%
- You receive W$4,000 per robot

ACCOUNTING BISSIM

2032 Decisions (Read pages 3 & 4 plus 2031 results)

Research & Development

Production

- Quantity
- Production staff
- Raw materials
- Capacity

Marketing

- Retail selling price
- Advertising

Human Resources

- Wages / Salaries
- Training & Development

Financing:
Bank overdraft agreed at W$1.5m

ACCOUNTING BISSIM

The Process

Specially created class-based activities, customisable:

Financial Accounting, Management Accounting, Financial Management

ACCOUNTING BISSIM

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SUCCESS =
A long-term sustainable business

ACCOUNTING BISSIM

Learner Perspective

"Very fun module and able to apply real accounting concepts that we've learnt. See the **impact of decisions and the reasons why**, which is essential in real business."

"I really liked the business simulation because it really **shows how your decisions affect the business**."

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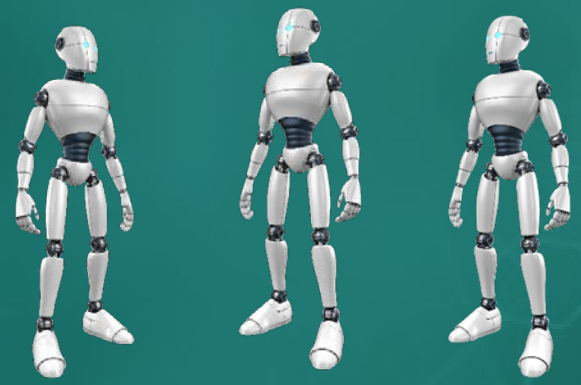
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