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Designs on E-Learning International Conference

Innovating the collaborative future of global fashion business

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University of Huddersfield
7th September 2012
This project explores the future of fashion business education

This presentation is in three parts:

- What triggered the research
- How things worked out
- How we did it
Chaos of a redesign  New conceptual model
Synchronized Apparel Product Development Cycle

PLM Scenario

Line Planning
- Year (N-1) Business Results
- Statistics from ERP (revenue segmentation, store performances…)
- Devt of Collection Structure for Year N
- Validate of Styles to be maintained based on collection structure defined
- Definition of assortment blocks, given style will hit the store
- Receive MC to-do list
- Validated fabric designs are printed out on Sapphire Digital Printers

Design
- Trend Search – ideas for new theme/fabrics/styles
- Receive info on approx number of styles to develop per product line
- Fabric Development
- Develop StoryBoards
- Size Spec, POM, Table, Label, Packaging...
- Devt of Collection Structure for Year N
- Validate in MC
- Receive digitally printed fabric to 3 shortlisted suppliers

Product Devt
- Receive demand in MC (to-do list)
- For validated styles, show development of technical specifications
- Shortlisted vendors are invited to submit quote, including offer details, payment terms
- Designs are developed and printed
- Repeats validation in MC

Sourcing
- Receive demand in MC (to-do list)
- Launch RFQ – using basic spec package, and requesting price based on time delay, quality, conditions of payment and transportation
- Validate in MC
- Go-ahead for Production

Remote Manufacturer
- Vendor directly accesses RFQ & Spec Pack via web. Immediate response from Vendor on price, time...
- Receives 1st prototype on digitally printed fabric - directly plots on Lectra plotter using the modaris file, and cuts on single ply cutter and assembles the garment
- Receives a set of slightly modified patterns.
- Receives validation in MC for go through to production.

Fabric Supplier Quality Control
- Receives RFQ for Fabric Suppliers
- Response to RFQ
- Iterations with QC for validation
- Validated MC to-do list validated for delivery
- Receives validation in MC
- Validates in Master Calendar advancement of development
- Sends finished fabric to manufacturer by assigned deadline
- Receives a MC to-do list in his PDM
- Validates in Master Calendar advancement of development

Proximity Supplier
- Via Line Planning, the decision is available to all concerned in Design dept.
- Via Master Calendar, a to-do list is initiated.
- The Supplier directly accesses the Spec Sheet via Web.
- The Supplier responds with price, delay, and other metrics immediately, and in a short delay, responds to the Spec Sheet with a 3DVG file.
- Sends a list of slightly modified patterns.
- Receives validation in MC for go through to production.

Outdated
WALLTEXX Mission Statement

WALLTEXX’s mission is to serve as a non-profit organization working to fulfill hospitals need to create a safe and comfortable environment for children within their care.

WALLTEXX aims to improve children’s experiences within a hospital environment, whilst reducing their anxiety.

Our Team

Earth Kids

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WiX.com This website created using Wix Free Edition

Try Wix yourself. Easily create a stunning free website
How Does it Work?

Charm Activated

15 Sec

Call Answered

Call of kin

Next of kin handles the situation

Call not Answered

Calls Next of kin

Calls Next of kin

Calls Next of kin

Calls Next of kin

Call not Answered

Police are alerted through our company’s automated system.

Prototype

3-D Model

TRACKING DEVICE AND BLUETOOTH

ACTIVATION T-BAR

SILVER PENDANT DESIGN

SPEAKER AND AUDIO CIRCUIT

RAISE THE ALARM

The Collection
Software used
The learning design

Constructed using Oliver et al (2007) temporal sequence framework for role-based learning designs
Key Aspects

Resources

Tasks

Support

1. Planning and preparation

2. Team project

3. Reflection and evaluation

PLM framework
Key Aspects

1. Planning and preparation
2. Team project
3. Reflection and evaluation
1. Planning and preparation
2. Team project
3. Reflection and evaluation

Key Aspects

Resources

Tasks

Support

Authenticity

100% the real deal
Key Aspects

1. Planning and preparation
2. Team project
3. Reflection and evaluation

Resources
Tasks
Support
Consultants
Use of external consultants

IT Managers meet with **consultant**

**Overview of main providers PLM** range of technologies in apparel/soft products.

Students research cloud technologies as alternatives and then disseminate relevant lead their team from their position of ‘expert’

Lead their group to consider choices of social media for improving on and adapting on industry PLM software providers solutions.
Okayyy, so this is the one I want to use....it turns out I have the rubbish version of imovie so my editing isn't the best.

I used Google sketch up and cyber link power director software. It's not perfect but it's alright for a first attempt at software I had no knowledge even existed!!!!!!!!!!!!

Keeping in touch through Facebook group messaging was convenient, yet I feel using the 'wiki' could have been a more professional way of exchanging ideas and thoughts as Facebook could often be distracting.

'Keeping in touch through Facebook group messaging was convenient, yet I feel using the 'wiki' could have been a more professional way of exchanging ideas and thoughts as Facebook could often be distracting.'
Outcomes

Cloud Computing
everything and the kitchen sink
Outcomes – additional benefits

Future Students as practitioners to local businesses
Thank you for your time and attention

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References
