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Designs on E-Learning International Conference

Innovating the collaborative future of global fashion business

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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 Vendors
  - Validation of Styles
    - to be returned based on collection structure defined
  - Definition of assortment
    - blocks labeled given style will hit the store
  - Products & Trends
  - Receive demand in MC
  - Validate in MC
  - Gain real-time view of collection advancement
  - Show tracking of data on styles adopted versus dropped, other LP metrics...
  - Surprise: change in trend, need to immediately create a variant for collection in store

Design
- Trend Search
  - - ideas for new theme/fabrics/styles
  - Receive info on approx number of styles to develop per product line
  - Fabric Design
    - Development of prototype
    - Prototypes are labeled with design dett.
    - Prototypes are digitally plotted on Lectra
    - Physical prototypes are received by labs.
    - They conduct QC tests. And results are followed up
  - Validate in MC

Product Devt
- Receive demand in MC (to-do list)
  - For validated styles, show development of technical specification
  - Shortlisted vendors will be given access to product file
  - Development of prototype
  - Prototypes are digitally plotted on Lectra
  - Physical prototypes are received by labs.
  - They conduct QC tests. And results are followed up
  - Validate in MC
  - Validate fabric designs are printed out on Sapphire Digital Printers
  - Validate 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...
  - Receive notification in MC
  - Validate in MC

Remote Manufacturer
- Vendor directly access RFQ & Spec Pack via web. Immediate response from Vendors on price, time...
  - Receives a MC to-do list in his PDM
  - Develops 1st prototype on digital fabric – directly plots on plotter using the modalis file, and cuts on single ply cutter and assembles garment
  - Receives notification in MC

Fabric Supplier Quality Control
- Receives RFQ for Fabric Suppliers
  - Response to RFQ
  - Validation of fabrics
  - Validated fabrics MC to-do list with deadline for delivery
  - Receives validation in MC

Fabric Suppliers
- Via Master Calendar, a to-do list is initiated.
  - The Supplier directly accesses the Spec Sheet with a 3DVS file.
  - The Supplier responds to the delay, and other metrics immediately, and in a short delay, responds to the Spec Sheet with a 3DVS file.
  - Receives validation in MC for go through to production.

Outdated
WALLTEXX Mission Statement

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

WALLTEXX aims to improve childrens experiences within a hospital environment, whilst reducing their anxiety.

Our Team

Earth Kids
How Does it Work?

- Charm Activated
- Calls Next of kin
  - Call Answered
  - Next of kin deals with the situation
  - Police are alerted through our company's automated system
  - Call not Answered
    - Calls Next of kin
      - Call not Answered

Prototype
- 3-D Model
  - Tracking Device and Bluetooth
  - Activation T-bar
  - Silver Pendant Design
  - Speaker and Audio Circuit
  - Bracelet Attachment
Software used
The learning design

The learning design is constructed using Oliver et al (2007) temporal sequence framework for role-based learning designs.
Key Aspects

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

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

Resources

Tasks

1. Planning and preparation

2. Team project

3. Reflection and evaluation

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.'
Outcomes
Outcomes – additional benefits

![Digital Content Revolution](image1)

“Doing more with less reality do a different more!”

![Employability/Workforce Readiness Prioritization](image2)
Future
Students as practitioners to local businesses
Thank you for your time and attention

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References
