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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 Year N
- Validation of Styles to be returned based on collection structure defined
- Definition of assortment blocks table, given style will hit the store
- MC
- Gain real-time view of collection advancement
- Show tracking of data on styles adapted 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
- Develop StoryBoards
- Receive demand in MC (to-do list)
- For validated styles, show development of technical specification
- Size Spec, POM, Table, Label, Packaging...
- Fabric
- Receive notification in MC
- For validated styles, receive demands for development of 
  technical specifications on collection structure
- Receive demand in MC (to-do list)
- Size Spec, POM, Table, Label, Packaging...
- Designers develop the style in detail (color/fabric/accessories)
- Validate in MC
- Styles to be validated in MC
- Validation of Possible designs are printed out on Sapphire Digital Printers
- Receive digitally printed fabric to 3 shortlisted suppliers
- Validate in MC
- Performance and go through to Production
- Validation in MC

Sourcing
- Receive demand in MC (to-do list)
- Launch RFQ – using basic spec package, and requesting price based on time delay, qualities of payment and transportation...
- Shortlisted vendors and suppliers are notified in MC
- Based on input from Supplier, the physical prototype is developed
- Receive notification in MC
- The Supplier responds with price and transportation
- Payment and transportation
- Suppose

Remote Manufacturer
- Vendor directly access RFQ & Spec Pack via web. Immediate response from Vendor on price, time...
- Receives a MC to-do list in his PDM
- Receives notification in MC
- Receives RFQ for Fabric Suppliers
- Response to RFQ
- Iterations with QC for validation
- Product Development
- Suppliers are short-listed and kept on PDM
- Validate in MC
- Redesign
- Receives validation in MC for go through to production

Fabric Supplier
- Validation in MC
- Fabric Design
- Marketing/Design validation of virtual prototype
- Adaptive
- On-the-Spot Quality Control (PDA connected to Web)

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

WALLTEXX's 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 children’s experiences within a hospital environment, whilst reducing their anxiety.

Our Team

Earth Kids
How Does it Work?

- Charm Activated
  - Call Answered
    - Next of kin deals with the situation
  - Call not Answered
    - Calls Next of kin
    - Calls Next of kin
    - Call not Answered

Police are alerted through our company's automated system.

Prototype

- Bracelet Attachment
- Tracking Device and Bluetooth
- Activation T-bar
- Speaker and Audio Circuit
- Silver Pendant Design

3-D Model

The Collection
Software used
The learning design

1. Preparation / Team Formation
   - Pre-loaded Wiki
   - PLM visual as overview
   - Belbin questionnaire
   - Tuckmann Model
   - Previous projects (depth)
   - Role profiles (more than members)

2. Team
   - Lectures topical content
   - Lecture on team effectiveness
   - External speakers - opportunities - real life perspective
   - Proposal form for submission week 5

3. Resources
   - Tutor available end of every session. 30 mins “team time” week 1-5
   - Common problems encountered
   - IT Manager consultancy session
   - Other specialist sessions: Finance, Product performance

4. Tasks
   - Presentations to panel
   - Group mark allocation
   - Prototype
   - Confirm product for development
   - Formalise formative feedback to prevent ‘drift’
   - Peer review guide
   - Facebook group or Prezi

5. Support
   - Forming team task / icebreaker
   - Example of a team contract

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

Resources

Tasks

Support

Pre-loaded wiki
Key Aspects

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

Resources

Tasks

Support
Key Aspects

Resources

Tasks

Support

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

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
