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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...)
- Dev't of Collection Structure for Year N

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

Product Dev't
- Receive demand in MC (to-do list)
- For validated styles, show development of technical specifications
- Size Spec, POM Table, Label, Packaging...
- Given access to product line
- Devises plan for 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...
- Shortlisted vendors will be given access to the physical prototypes
- Selected vendors are notified of their 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
- Physical prototypes are received by labs. They conduct QC tests. And results in PDM

Fabric Supplier Quality Control
- Receive RFQ for Fabric Suppliers
- Response to RFQ
- Iterations with QC for validation
- Validated Spec MC to-do list with slightly modified patterns.
- Receives validation in MC for go through to production.

Surprise: change in trend, need to immediately create a variant for collection in store

Vendor directly access RFQ & Spec Pack via web. Immediate response from Vendors on price, time...

Receive notification in MC

Receive notification in MC

Receive RFQ for Fabric Suppliers

Receive notification in MC

Receive notification in MC

Receive notification in MC

Send digitally printed fabric to 3 shortlisted suppliers

Send digitally printed fabric to 3 shortlisted suppliers

On-the-Spot Quality Control (PDA connected to Web)

Production Run

Validation in MC

Validation in MC

Validation in MC

Production Run

Validation in MC

Validation in MC

Validation in MC

Validation in MC

Validation in MC
Walltexx

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
How Does it Work?

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

Prototype

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

3-D Model

The Collection
Software used
Resources

Tasks

Support

The learning design

Pre-loaded Wiki

PLM visual as overview

Belbin questionnaire

Tuckmann Model

Previous projects (depth)

Role profiles (more than members)

Lectures topical content

Lecture on team effectiveness

External speakers - opportunities - real life perspective

Proposal form for submission week 5

Prepare

Bring info on trends & product shows to share

Team

Meet. Bring Belbin self perception

Contract/evaluation of peers. Communication

Allocate Roles

Confirm product for development

Prototype

Formalise formative feedback to prevent ‘drift’

Presentations to panel

Group mark allocation

Reflection

Team de-brief

Personal reflection log include evidence if petitioning against a group mark

Forming team task / icebreaker

Example of a team contract

Peer review guide

Facebook group or Prezi collaborate

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

12 weeks (2 x 2 hour taught sessions per week plus self-directed (x2 recommended)

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

Resources

Pre-loaded wiki

Tasks

1. Planning and preparation

2. Team project

3. Reflection and evaluation

Support
Key Aspects

Resources

Tasks

Support

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

Authenticity

100% the real deal
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.

'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
