Talk Ain’t Easy
Round-the-World Agile Without any Talk

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These slides: http://Agile2015.gerardm.com

Agenda

- FeedXL Background
- FeedXL 2.0
- How We Work
- A Day in the Life
- Key Learnings
My Background

- Software developer
- Development manager
- Project Manager
- Software architect
- OOA/OOD Mentor
- Requirements (Use Case) Mentor
- XP/TDD Mentor
- Agile PM Mentor
- Test Automation Consultant & Trainer
- Lean/Agile Coach/Consultant

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Before FeedXL: X’Prime

PhD Project: A powerful service for Animal Breeders

Rod
Sue
Armidale
Winnipeg

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X’Prime + Equilize = FeedXL (JV)

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FeedXL 1.0 Evolution

Pasture Builder
New pricing model
Jira integration
More Nutrients and Ratios
More diseases
Discount Coupons

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After 5 years of FeedXL’ing

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Agenda

- FeedXL Background
- FeedXL 2.0
- How We Work
- A Day in the Life
- Key Learnings

FeedXL 2.0

100% Constipation Relief In Minutes!!!!

CLICK HERE FOR GUARANTEED RELIEF.
Getting Started – Software Archeology

Getting Started – Technology Stack

Browser

Server

Services
Getting Started – Tools Stack

And a lot of manual processes to deploy to:

Deployment Architecture
Get the Wrong Person off the Bus!

Outsourced Development – 2nd Attempt

Vikram
Outsourced Development – 2nd Attempt

Introducing Business Unit Tests

<table>
<thead>
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<th>Event Name</th>
<th>Tx Amount</th>
<th>Account Balance</th>
<th>Is Active</th>
<th>Is Grace</th>
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<td>CSR</td>
<td>manual_payment</td>
<td>60</td>
<td>0</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
Improving End-to-End Tests

New Diet Can Be Added
- Open the horses and diets page
- Select First Existing Horse
- Select Pastures
- Create Diet
- Verify Summary
- Print And Save

Existing Diet Can Be Updated
- Open the horses and diets page
- Select First Existing Horse
- Select Pastures
- Select Existing Diet
- Verify Summary
- Print And Save

Keywords:
- Open the horses and diets page
  - Click Element `horsesAndDiets`
  - Wait Until Page Contains `horseMethodSelect`
- Select First Existing Horse
  - Open Horse List
  - Click Element `css=#horseList > ul > li:first-child`
  - Wait Until Page Contains Element
  - Click Element `wizardNext`

Robot Framework
University Project

Cultural Difference

10,000 KM Apart

100 KM Apart

Canmore

Calgary

Agenda

FeedXL Background

FeedXL 2.0

How We Work

A Day in the Life

Key Learnings
Development

Ready for Assignment

#NoEstimates
Ready for Prioritization

Understand & Specify
Product Backlog

Continuous Integration

Feature Branches create problems!
Agenda

FeedXL Background

FeedXL 2.0

How We Work

A Day in the Life

Key Learnings

A Day in the Life of FeedXL

Alberta
New Zealand
Australia
India
Romania
Let’s see what happened overnight. Any tickets?

@gerard, have a question for you ....

@vik, can you ....?

---

Let’s see what happened overnight. Business stuff, Feature design.

@Sue, @nerida, question for you ....

@nerida, ticket for u

---

Wed 7:00 AM * Thu 1:00 AM  Wed 11:00 PM  Wed 6:30 PM  Wed 4:00 PM *

Alberta  New Zealand  Australia  India  Romania

Wed 1:00 PM * Thu 7:00 AM  Thu 5:00 AM  Thu 12:30 AM  Wed 10:00 PM *

Alberta  New Zealand  Australia  India  Romania
A Day in the Life of FeedXL

Business stuff
Feature design

@vishal: re …

Good morning everyone….
Boys, we trashed you in cricket yesterday!
Did some testing ….
Can someone help me….

Good morning FeedXL

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A Day in the Life of FeedXL

I’m headed to bed soon; last call for questions.

Deployed a fix….

I need to go to work; see you all tomorrow.

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A Day in the Life of FeedXL

I’m back in; did some testing… any questions?

I’m done for the day; see you all tomorrow.

2:00 AM  8:00 PM  6:00 PM  1:30 PM  11:00 AM
Alberta  New Zealand  Australia  India  Romania

Let’s see what happened overnight. Any tickets?

@gerard, have a question for you ....

Wed 7:00 AM  Thu 1:00 AM  Wed 11:00 PM  Wed 6:30 PM  Wed 4:00 PM
Alberta  New Zealand  Australia  India  Romania
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Planning vs. Plans

Need a graphic for a Project Plan e.g. Gantt or Pert Chart
Improving Customer Support

Deciding What to Build is Hard
Communication Somewhat Less So

Communication & Relationships
Documentation: Just Enough, JIT

Needs it, Writes it

Needs it, Reads it, Fixes bugs

Etc.

Outsourcing can be very cost-effective

Ipso lorem...

Vikram

Vishal

Agile FAQs

Csaba
Get the Wrong Person off the Bus!

Cloud-Based Env Ideal for Distr’d Team
Results

100% Constipation Relief In Minutes!!!!

CLICK HERE FOR GUARANTEED RELIEF.

Next Steps

LoadTesting
CD Tools
Mobile Devices
Thank You!

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Slides: http://Agile2015.gerardm.com

Call me when you:
• Want to transition to Agile or Lean
• Want to do Agile or Lean better
• Want to teach developers how to test
• Need help with test automation strategy
• Want to improve your test automation

Product Design (What to Build?)

• Word Docs
• Excel Spreadsheets
• Originally: Axure
• Added: HotGloo “clickable” UI prototypes
Development Process: Agile (of course!)

- LeanKit board for management
- Spreadsheets, UI Prototypes, Word Docs for getting agreement on requirements

Code Branching Strategy and Build Pipeline

- Gitflow
- Branch per feature (deployed each to dev //)
- Merge into Release and deploy to Staging
- Deploy Release to Beta
- Deploy to Production

- Picture from Deployment Guide