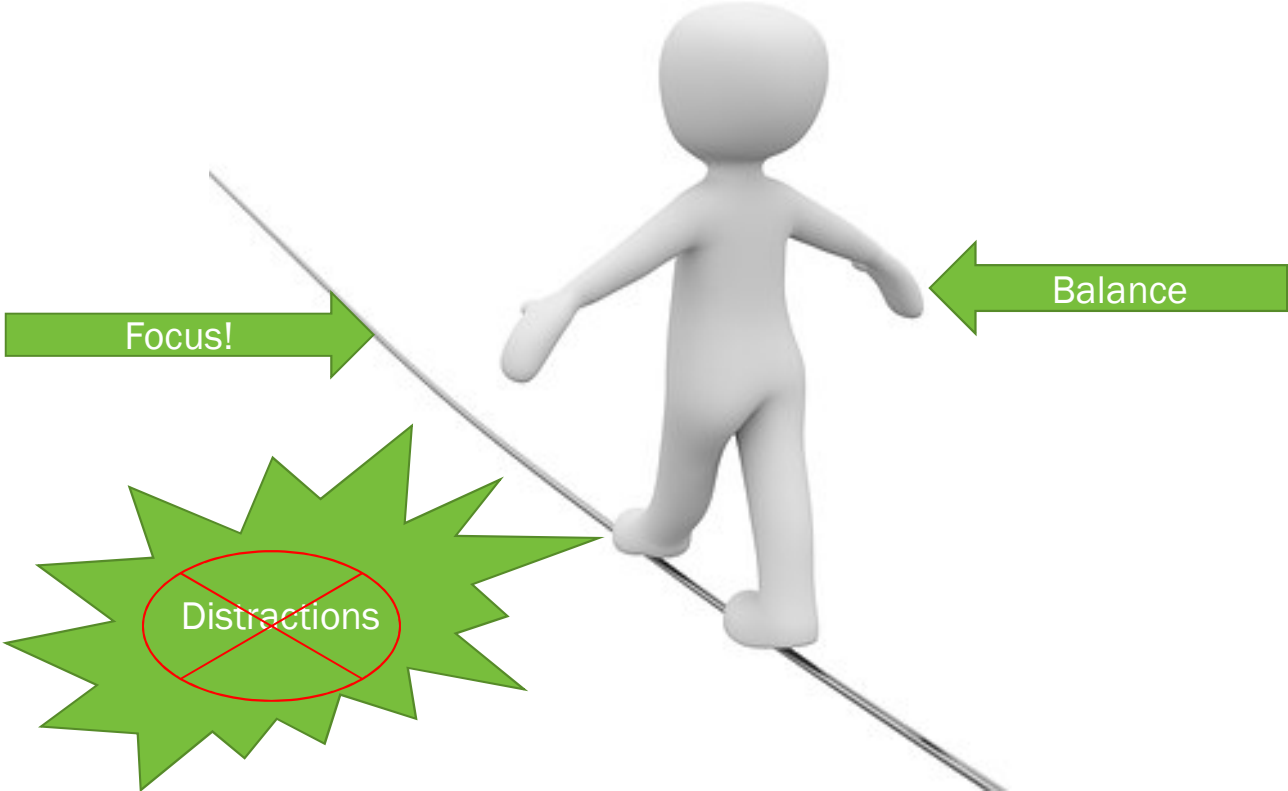05/10/2018

Walking the Agile Testing Tight Rope

Bill Roske
Principal Quality Architect

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Why a Tight Rope?

Focus!

Balance

Distractions

What is so great about Agile Dev?

» Iterative delivery
  › Break work down into small, deliverable pieces

» Design decisions made at "Last Responsible" moment
  › Get started delivering early

» Rapid, Regular feedback
  › From Stakeholders
  › From Testers?

» Build a Delivery Cadence

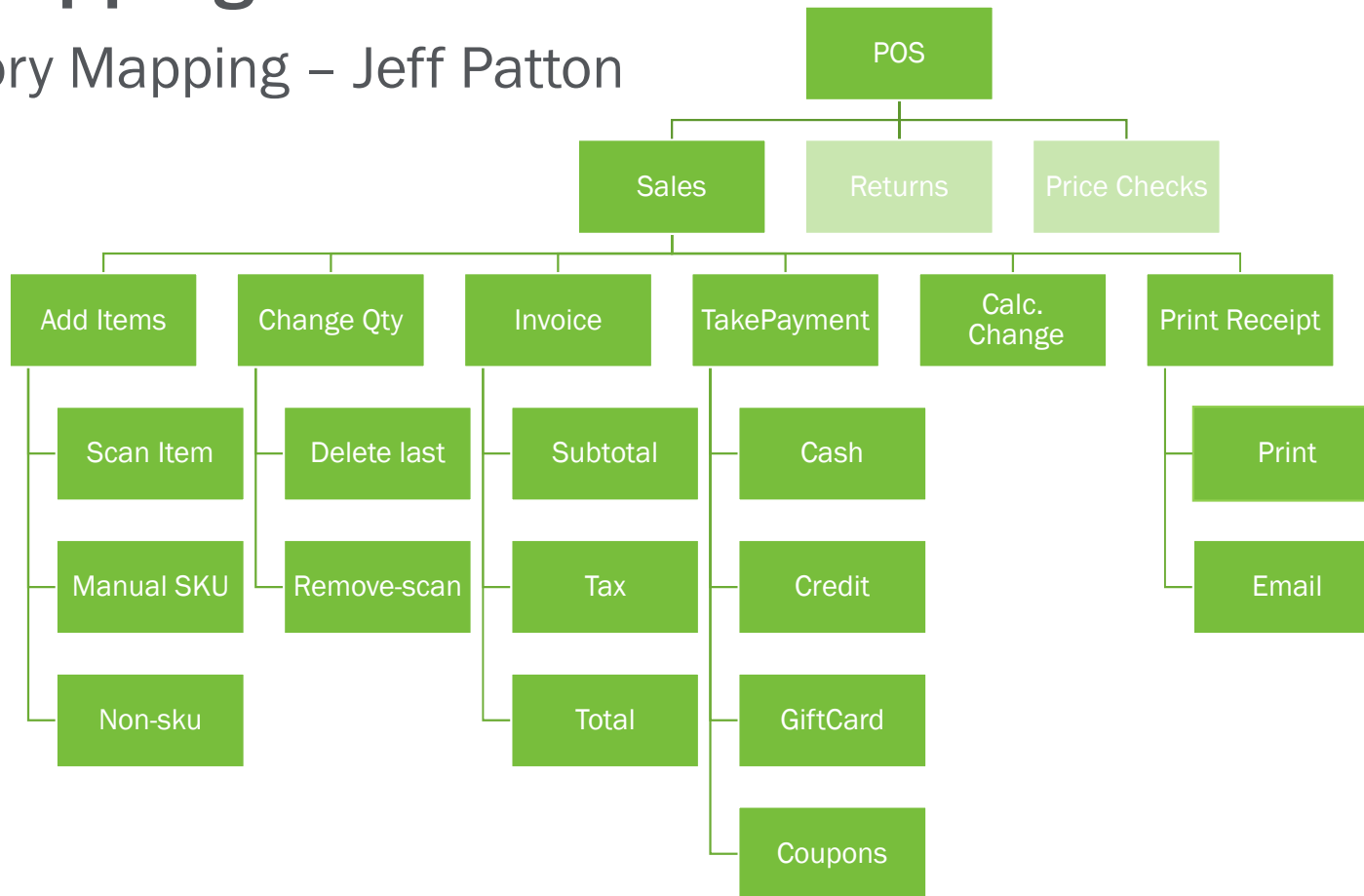» All are Opportunities for Focus
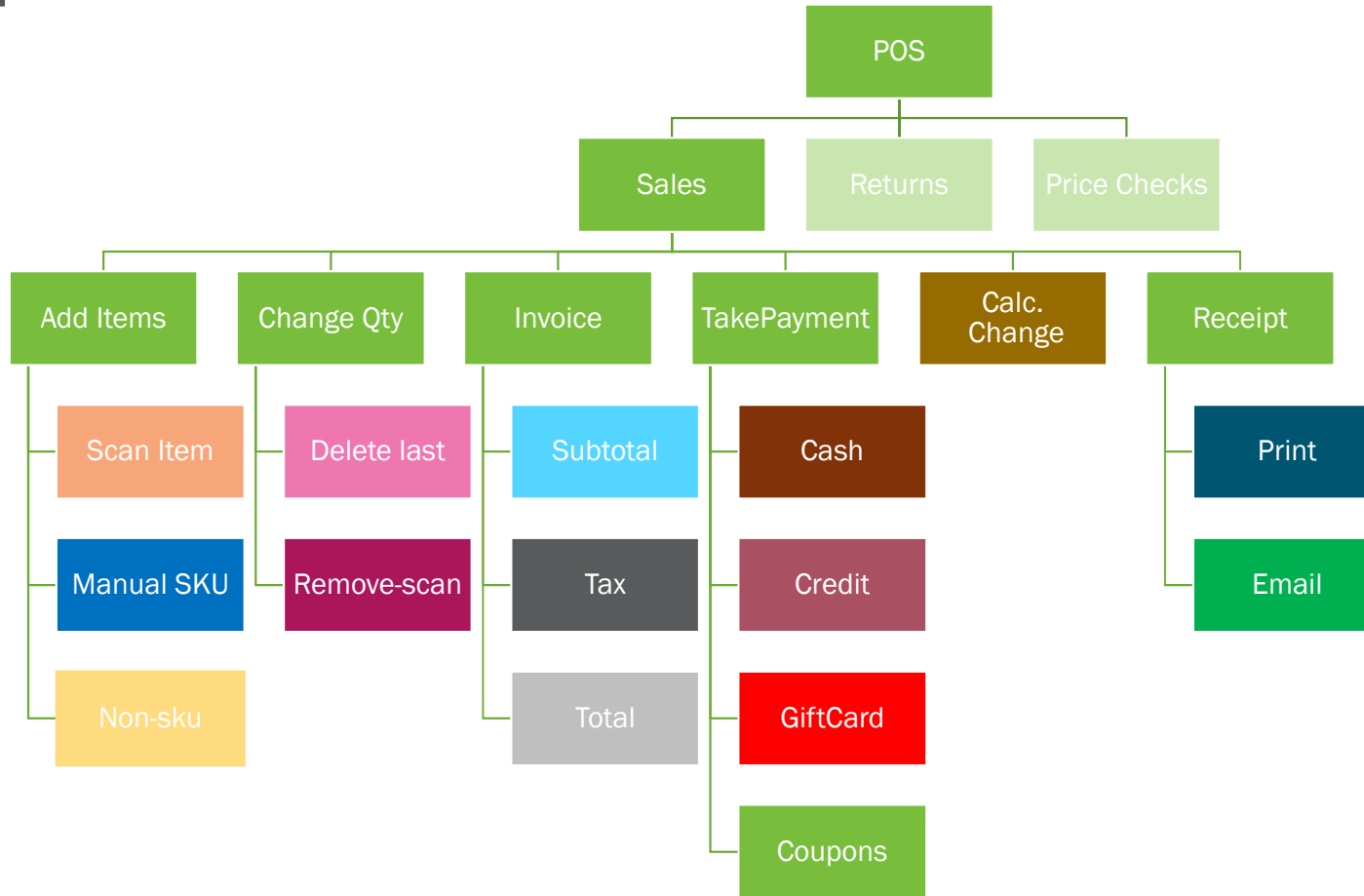 › AND Distraction!

Who Is Our Audience?

» Us

» Developers

» Management

» Business Partners

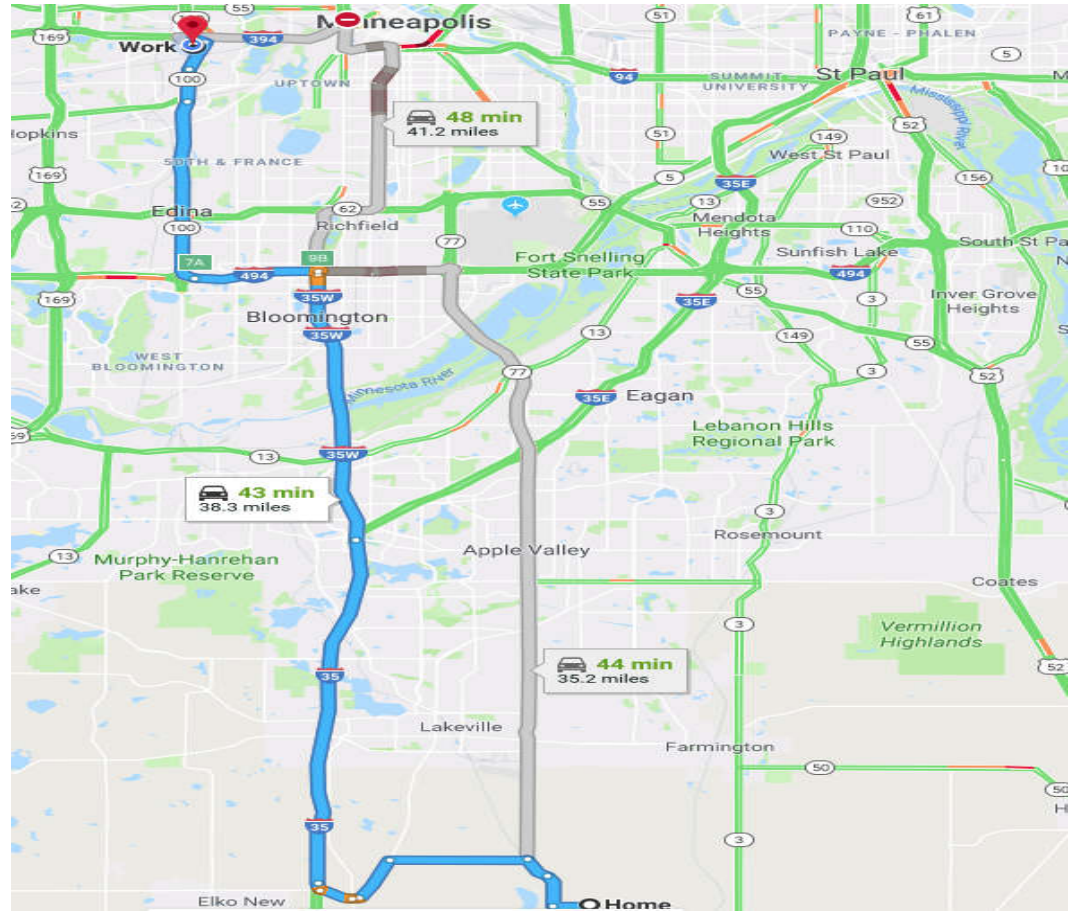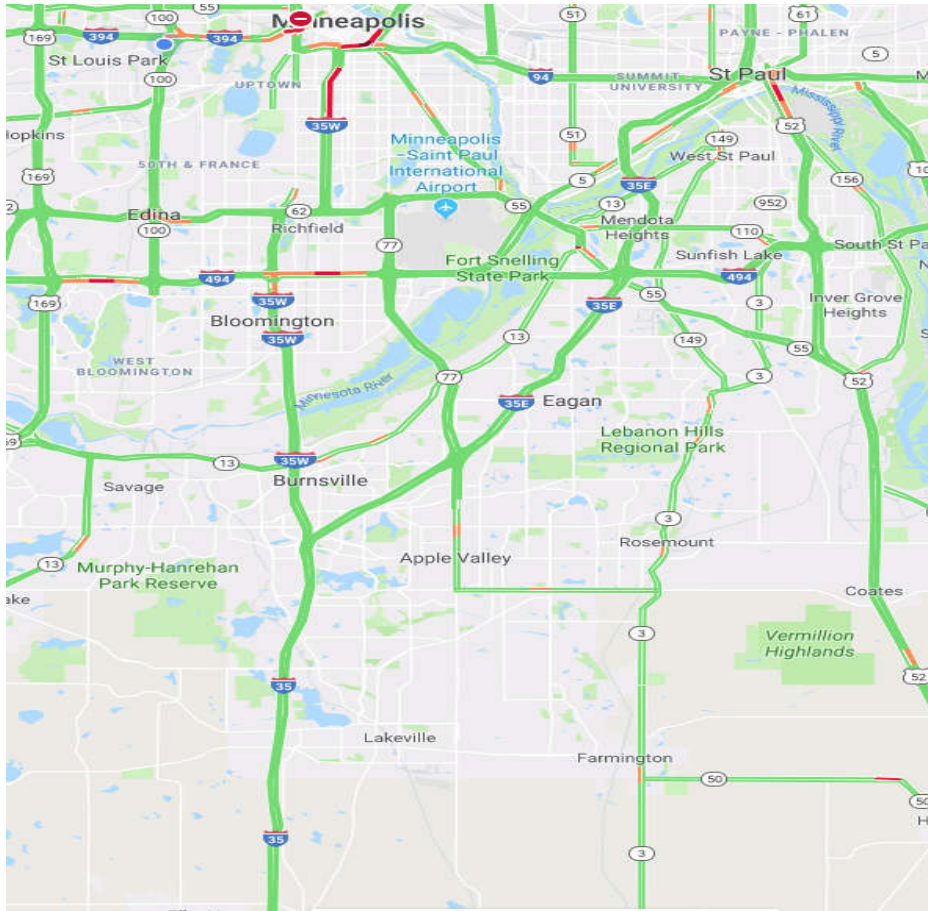» Who Else?

» Who is MOST IMPORTANT?
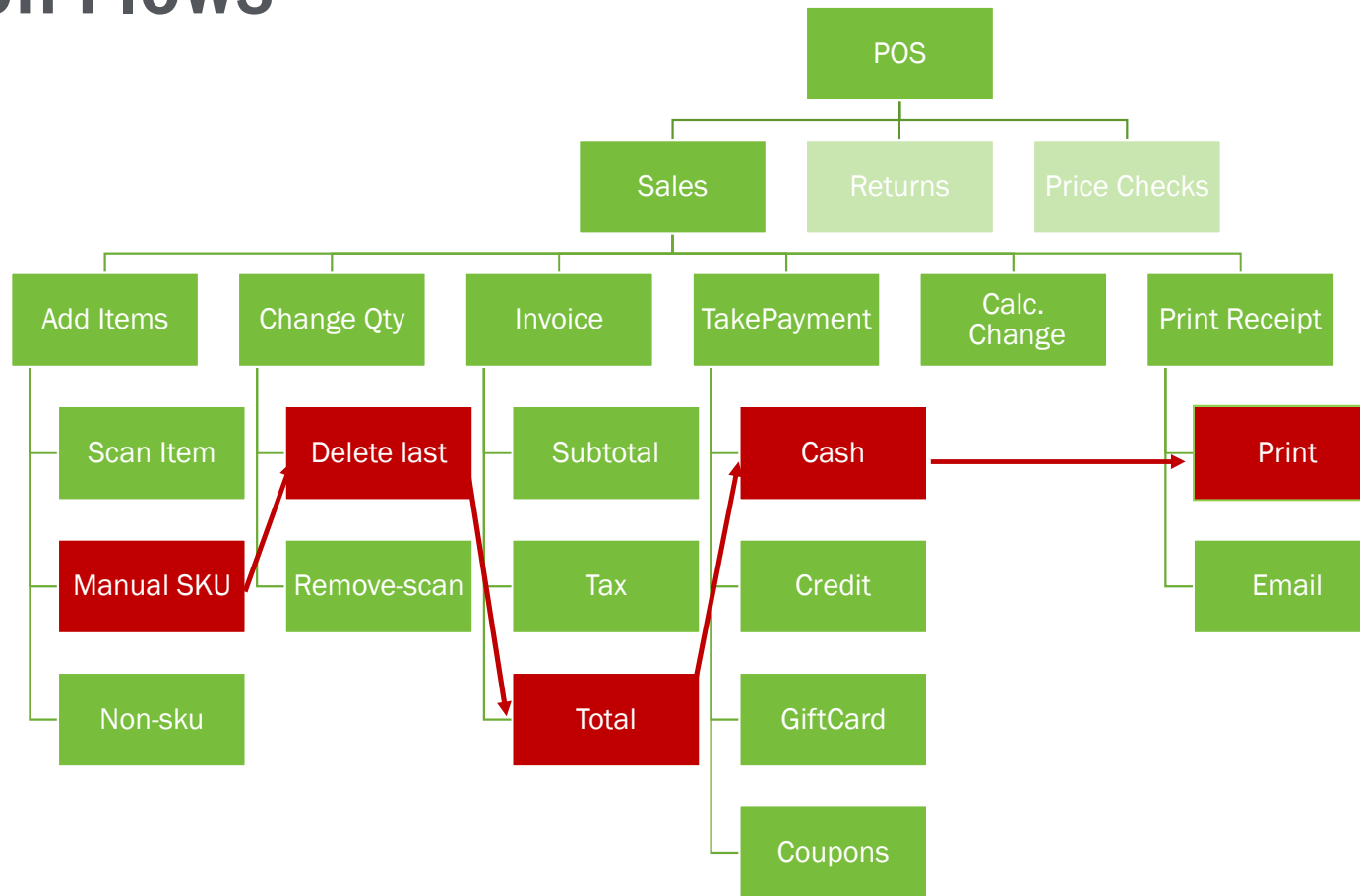
Story Mapping

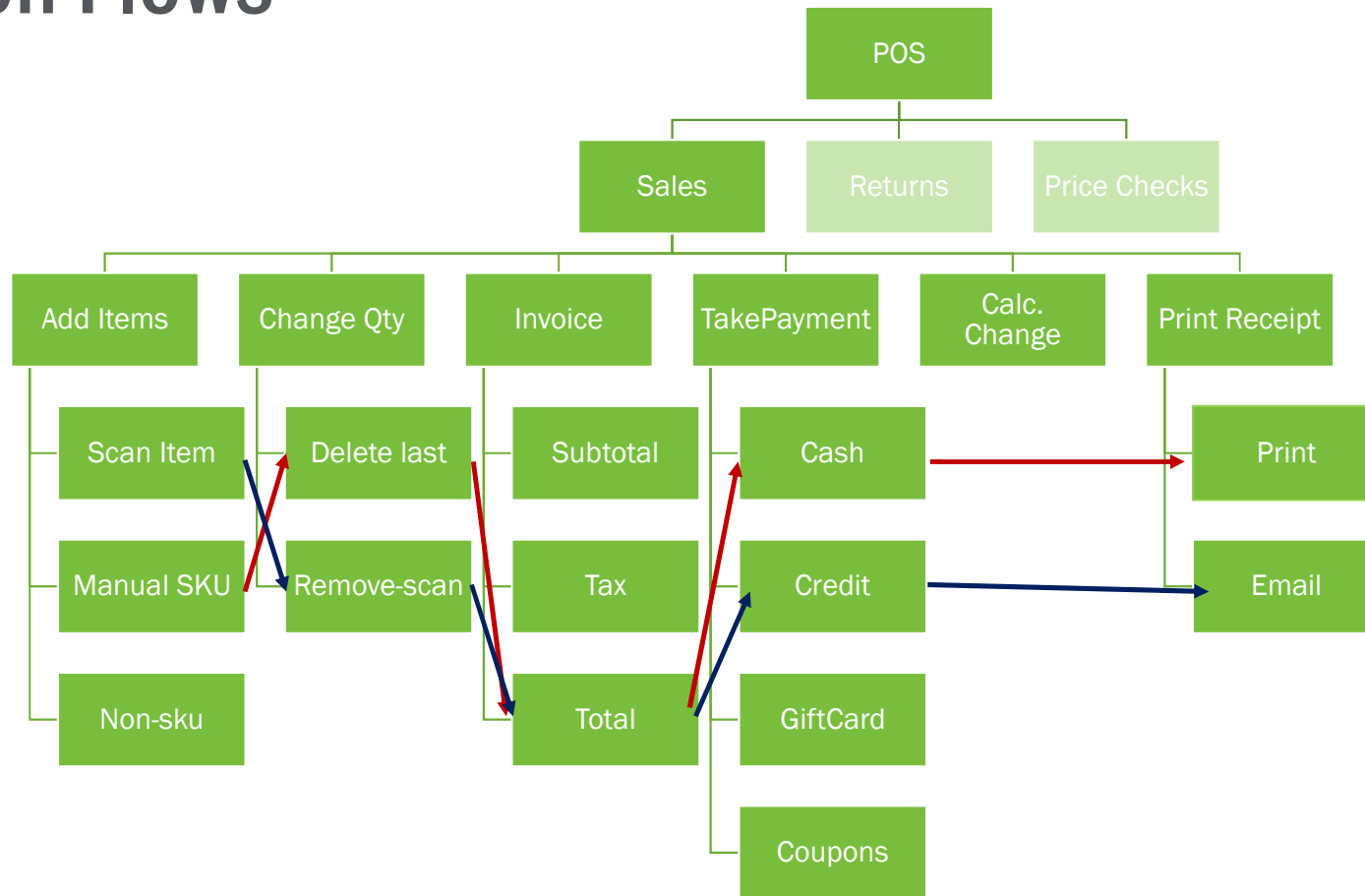» User Story Mapping – Jeff Patton

Decomposition == Distraction

Informative?

Focus on Flows

Focus on Flows

Distractions vs Focus

» Incomplete Flow Functionality

» Long Flows

» Complicated Flows

» UI vs Business Logic Testing

» Look at Location of Business Logic

» Look for "Data at Rest"

» Evolve Your Test Cases

Let's Talk About...

Done

Testing and Automation

» Is Automated Testing part of Done?

» Delay Automation… Why?
  › Lag Sprint
  › "Until the software is stable"?

Tools and Technology Stack

» Test Case Management
  › Traceability to Maps?

» Multi-layer Test Access to:
  › UI: Web AND Mobile
  › API
  › DB
  › Email

Walk That Tight Rope!

» Focus
  › The bigger picture

» Avoid Decomposition Distractions
  › Evolve existing test scenarios

» Balance
  › Break Flows when data is "At Rest" in a verifiable state

» Automation is Critical
  › Do NOT Delay?

THANK YOU

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