QUALITY
OF THE FUTURE

#NewAgeDELIVERY: Disrupting Our Own Industry

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A Need To Disrupt
The IT Delivery Process

Creating A Paradigm Shift In
Software Development Ensuring
Quality Is At Core of the Innovation.
Why Disrupt?

Only The Nimble Will Win.

01 A Pattern of Incremental Change

Focus was only on profit maximization, and not on innovation and quality.

02 Restricted Collaboration & Partnerships

Client Collaboration was only at requirement and milestone stages.

03 Habit Of Reinventing The Same Wheel

Technical Debt created additional work and delayed deployment.

04 Prehistoric Methods Of Operations

Low IP creation and traditional pricing structures: inability to be agile.
Incremental Step 1: Disrupting Data Asset Reusability
#Microservices-Enabled Portfolio As A Service (#MePS)

- Swift Delivery
  - Increase Go To Market by 50%
- Gamification
  - Rank and rate all assets based on redeployment
- Increased Reusability
  - Exponentially increase reusability

Address the need of maintaining all of the data assets at one location
Identify the data assets that fit the product requirement
Need to have a single window for all microservices and portfolios
Curate a library off all the resources at our disposal

Key Success Measures
- Reusability: Reduce Cycle time
- Curated / tested Assets: Reduce errors, improve quality
- Comprehensive Colonies: Increased Productivity
Incremental Step 2: Putting Design Thinking at the Core

#Design Thinking As A Service

Inculcate design thinking across the entire new product development journey

Possibility of quickly delivering a working prototype of the solution

Address the requirement of mapping portfolios to the requirement

Need to identify SKU (Skill Units) and DU (Delivery Units)

Key Success Measures

- Design Thinking: Better Customer experience
- Prototype: Feel of live System – reduce rework
- User Stories: Better expression of testable requirements

No Code Prototype

Create ready prototypes to test even before the first line of code

Reduce Failure

Reduce failure rate substantially by using the principles design thinking process
Incremental Step 3: Own Your Own Learning!
#Upskilling As A Service (#UaaS)

Need to define gap between the requirement and SKUs
Enable proactive enhancement
Address the need for not only consumption, but assessment
Extract the potential of the MOOC environment

Bite Size Learning
Learn in Pieces, Assess and Execute Rapidly
Anytime. Anywhere.
MOOC Environments Enable Working At Any Time and Place

Key Success Measures
• Multiskilling: Smaller teams, better coordination, hand-offs
• SKU: Template for defining / current future Competencies
• Anywhere/anytime: Flexibility yet time bound
Incremental Step 4: Power of Many
#Capability As A Service (#CaaS)

Address the need to curate world class associates & partners
Enable Partners & Associates to ‘Raise Hands’ For Specific Project
Need for stringent protocols for onboarding
Ensure all capabilities are housed at one location

Utilize Partner Eco-System
Work With Best.
Deliver The Best.
SMEs For Collaboration
Self Driven Model
Transform The Traditional Work Allotment Into Rating Based Associate/Partner Selection

Key Success Measures
• Ecosystem: Better expertise – deliver more for less
• Ecosystem: Bring ideas in the current & future needs
• Better competition, better outcome
Incremental Step 5: Cloud Native Environment

#Digital Insights Continuous Delivery (#DiCD)

At Your Fingertips

World Class Tools & Technologies Anywhere

Automated Pipeline

Quality Control in Life

Key Success Measures

• Environment: Flexible, available – reduce build cycle
• Tools: Open source – flexibility in build and deploy
• DEVOPS: Strong Engineering principles & Collaboration

Need for cloud based environment

Address the requirement of ensuring ready to use BizDevOps Pipelines

Ensure a range of development tools are available

Ensure an open source environment to enable CICD
Incremental Step 6: Real Time Bird Eye View
#Active Program Workplace

- Ensure policy driven access
- Possibility of defining roles
- Address the need to automate corporate governance
- Need for absolute transparency

Clarity
Team & Client Get Absolute Clarity as to Progress, Quality & Output

Simple Hierarchy
Two Fold User-Approver Policy & Role Definitions

Key Success Measures
- Intelligent Governance – timely intrusion & better course correction
- Predictive: Better planning and improvement
- Gamification: Competitive Environment
This led to our engine. #NewAgeDELIVERY

*Using #NewAge Methodologies:*

Scalability  
Governance  
CI/CD  
Automation  
AI/ML Predictability  
Assurance  
Design Thinking  
Smart Infra & Planning  
Reusability
Thank You

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