

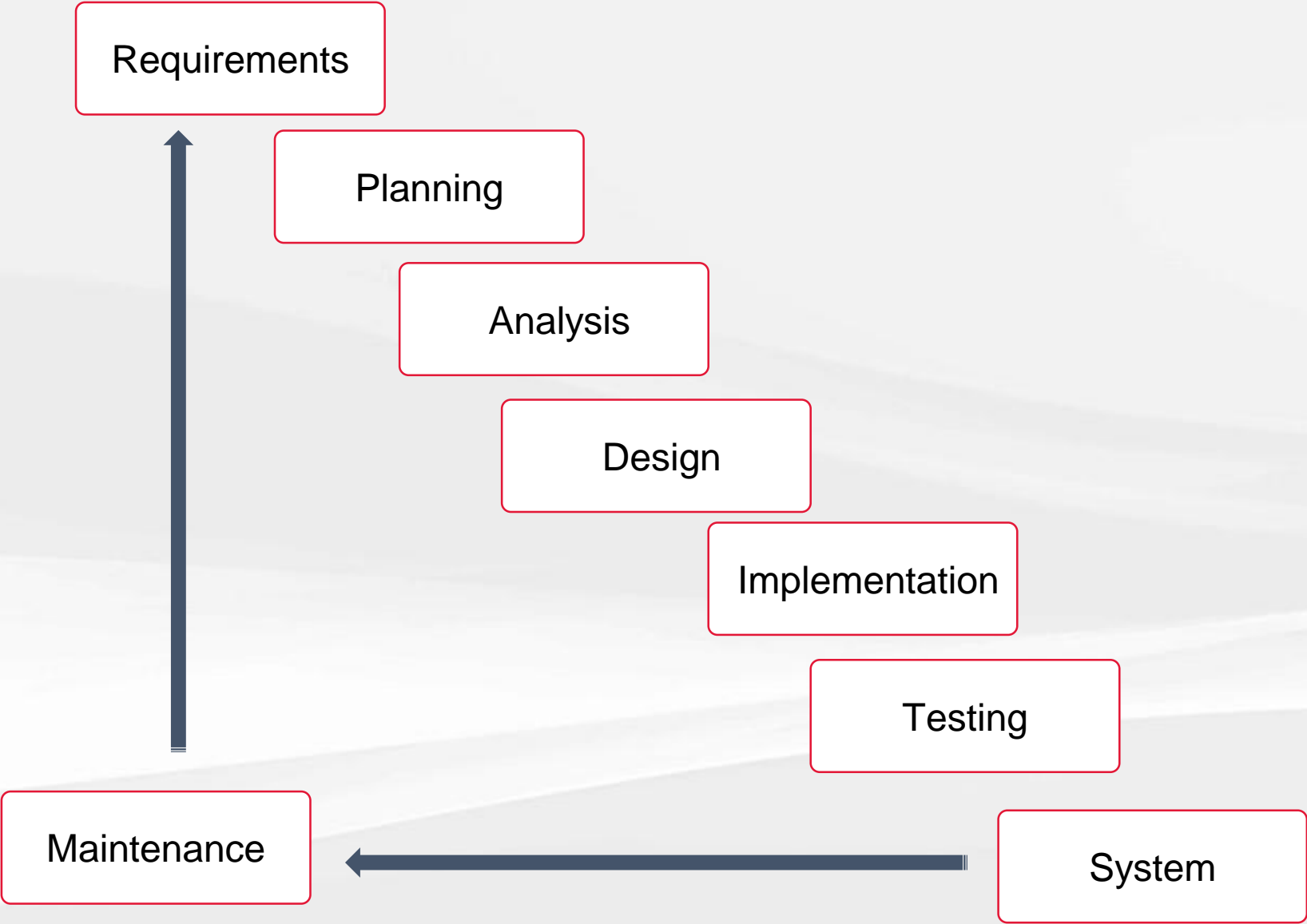


Agile and DevOps Transformation

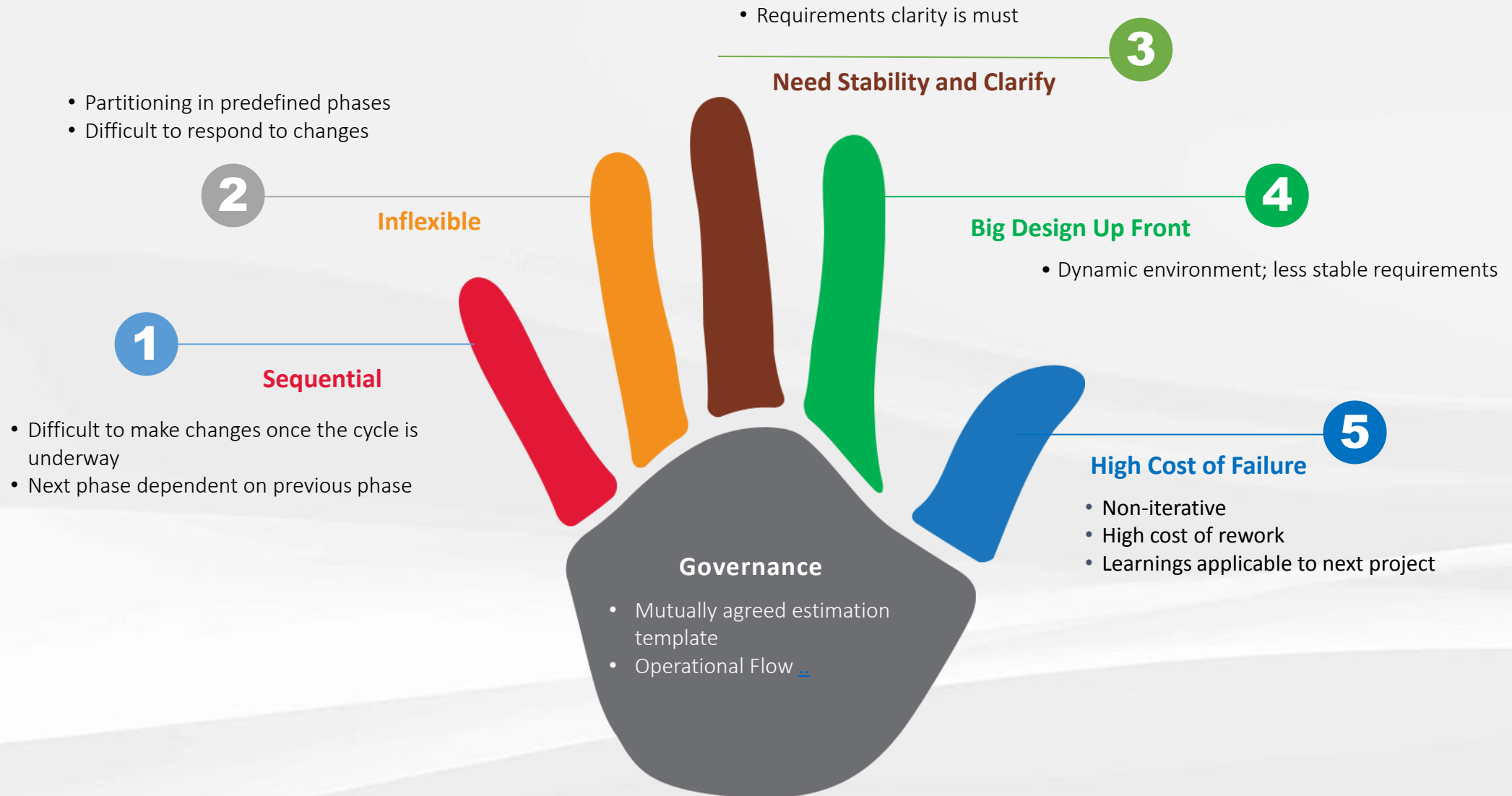
Presented by – Nikunj Nirmal
UT Dallas
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Traditional View

Origins in the manufacturing and construction industries



Challenges



* Work jointly with IT and Business to define controlled outcome

Transition to Agile



Embrace and welcome change

Device a training plan at all levels in the organization

Communicate and address concerns on the ground

Start with small hybrid approaches if it makes transition easier (eg. Use hours instead of points)

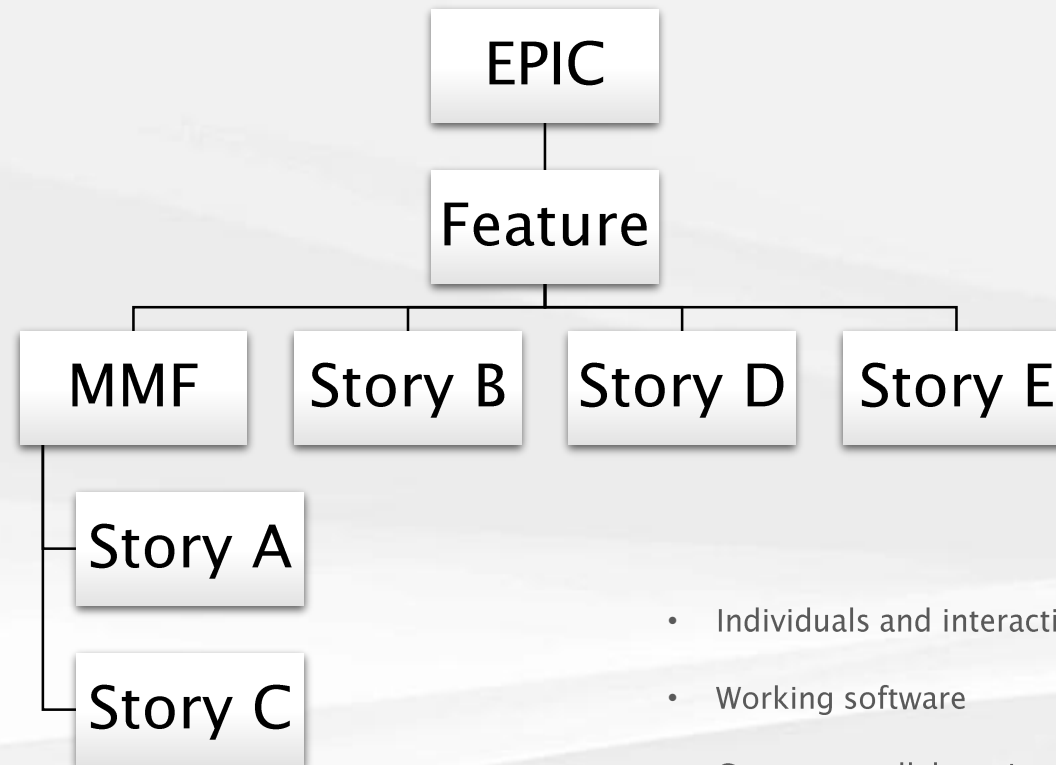
Global delivery teams

Change in team or organization structures

Agile – Important Aspects

- **Work breakdown**
- **Manageable tasks**
- **Incorporate feedback**

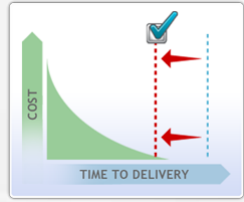
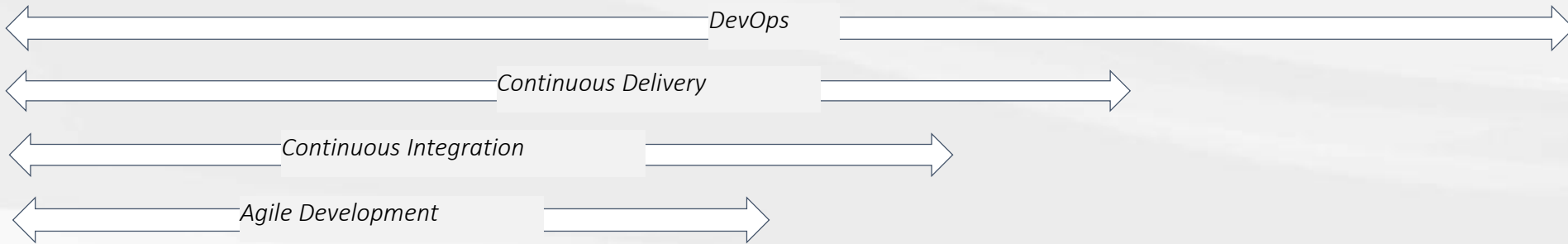
- **Minimal Marketable Feature**
- **Increase speed to market**



- Individuals and interactions
- Working software
- Customer collaboration
- Responding to change

- over process and tools
- over comprehensive documentation
- over contract negotiation
- over following a plan

Agile to DevOps



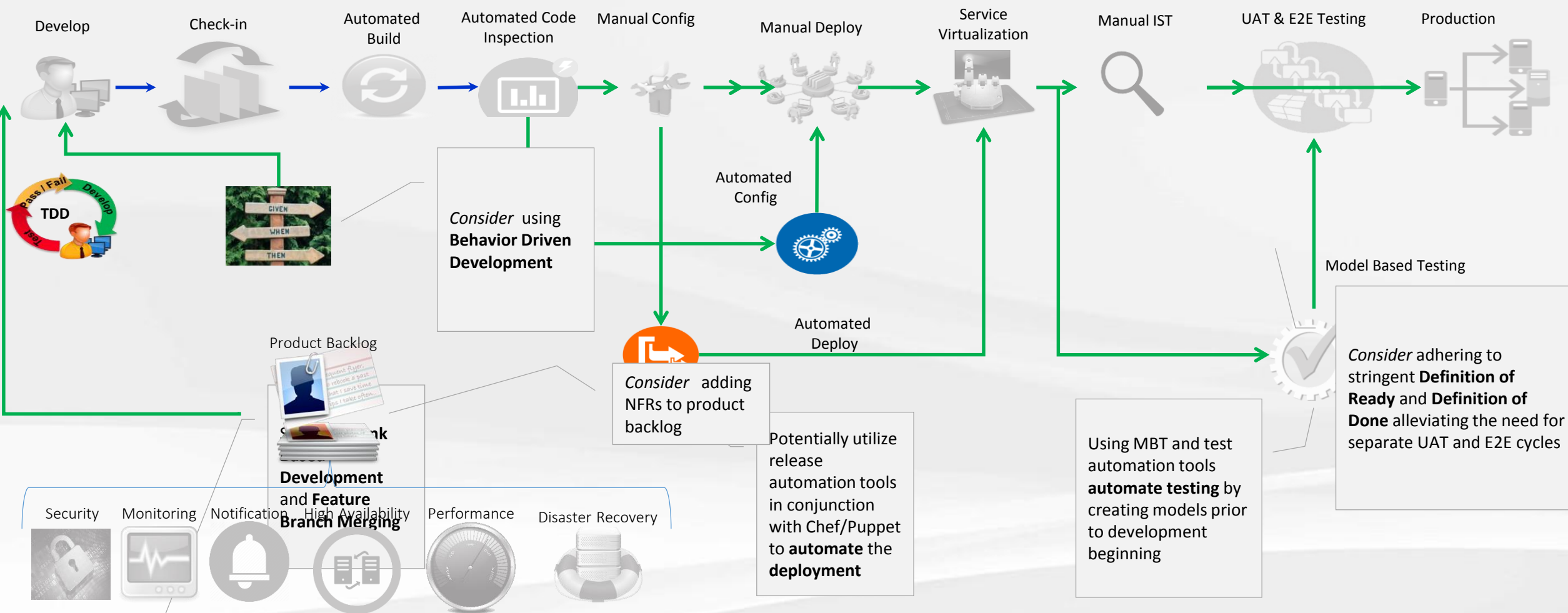
Shift Left



- Development /Testing
- Agility
- Continuous testing
- Continuous feedback
- Test driven development
- Test Automation

- Continuously validate acceptance criteria
- Automation environment management
- Monitoring
- Diagnostics

Agile to DevOps



Let us Share Experiences

- Dependencies
 - Large organization
 - Traditional KPIs
- Partial implementation

- How do we overcome challenges?



Thank You