



Tester Meetup Lahore 2017

Lesson Learned in Test Automation
Implementation

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AGENDA

- ✓ General Automation Perceptions
- ✓ Automation Pre Requisite
- ✓ Conventional Approaches
- ✓ Success Factors Of Automation
- ✓ Ingredients Of Good Automation Framework
- ✓ Integration With Business Values
- ✓ Demo

General Automation Perceptions

- ✓ No need of POC I know everything
- ✓ Just record and play back is enough
- ✓ Management decided
- ✓ Automation is magic(just one click)
- ✓ We can automate everything
- ✓ Automation can replace complete manual testing
- ✓ Test Automation != SDLC



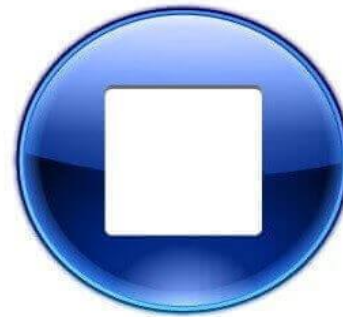
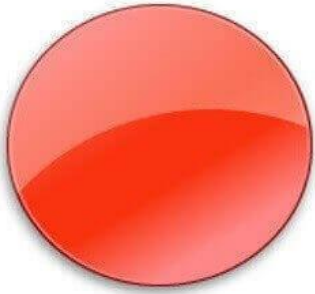
Automation Prerequisites

- ✓ Proof OF Concept (POC)
- ✓ Tools Selection
- ✓ Recourses Expertise
- ✓ Time and Budget
- ✓ Clear Goals/ ROI



Conventional Approaches

- Record And Play Back



- Scripting

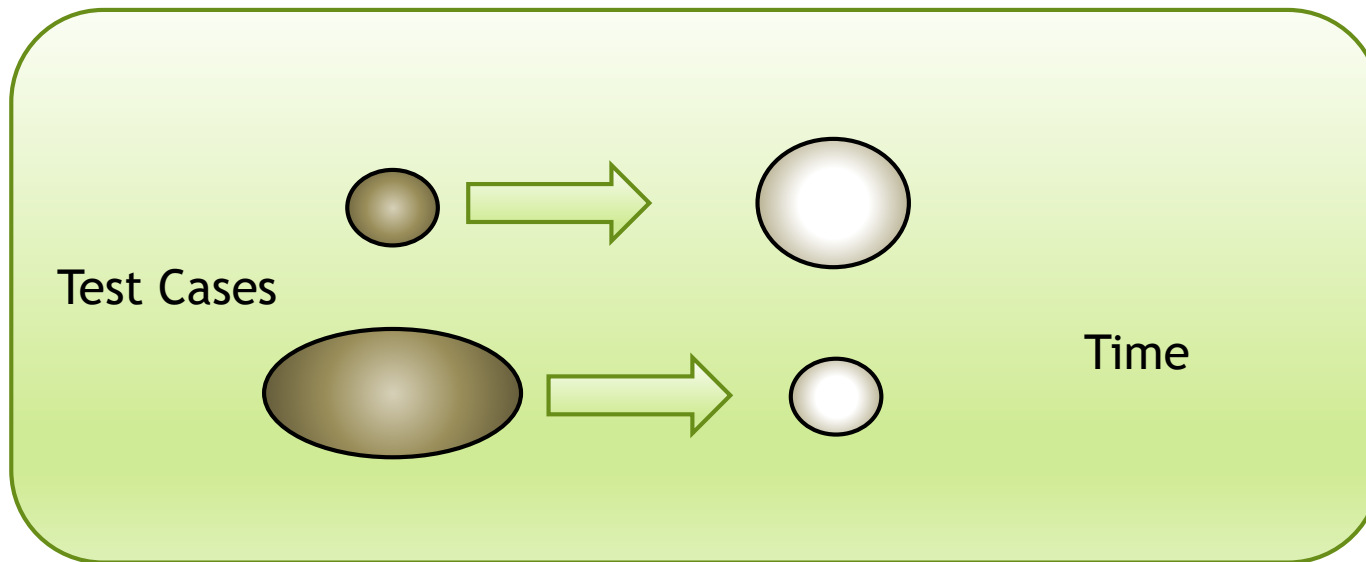
Success Factors Of Automation

- ✓ Independent team not part time job for manual
- ✓ Start simple
- ✓ Vision for future
- ✓ Design to adopt change
- ✓ Well designed framework
 - ✓ Reusability, Maintainable, Cohesive, Less coupling, Data Management.
- ✓ Continuous Integration.



Success Factors Of Automation contd.

Test Case Prioritization



Ingredients Of Good Automation Framework

- ✓ Maintainable
- ✓ Reusable
- ✓ Cohesive and Minimum Coupling



Integration With Business Values

- ✓ To Automate or Not ?
- ✓ The Right Objective
- ✓ When to automate?
- ✓ Automation Framework Impacts on Business Framework



Q&A

