

High Level Test Strategy

To Demonstrate Context Driven Testing Approach

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Outline

- Project Summary
- Overall Test Approach
- Scope of Testing
- Included Testing Types
- Overall Testing Schedule
- Key Contacts
- Documentation Location
- Summary
- Questions

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Project Summary

- The ImaginaryProject will introduce new functionality to do amazing and awesome things. The product introduced is called DoEverythingSoftware.
- Go Live Date: February 29, 2019

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Overall Test Approach

- The Overall Test Approach will cover the following areas:
 - Test Coverage
 - Types of Testing
 - Test Team Configuration
 - Test Timeline
 - Test Reporting and Metrics
 - Go / No-Go Decision
 - Cut-Over Activities (From a Test Perspective)

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Test Coverage

- Testing will focus on the following high-level areas of functionality:
 - Testing of the DoEverythingSoftware functionality
 - Integration Testing between the DoEverythingSoftware and the other interconnected systems.
 - End to End Testing of the key business processes.
 - UAT by Business Users
 - Smoke Testing in Production on Go-Live.

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Definition of Testing Types

- Functional Testing – Definition as it FITS your project. (Example – Functional testing will include testing the base functionality of the software for the areas of the application our business will be using. Includes testing new functionality as well as regression testing of existing functionality. A risk-based testing approach will be used.
- Integration Testing - Testing the integration between interconnected systems. Testing will cover both technical integration testing and end-to-end business process testing.
 - Technical Integration Testing – Testing at a technical level. Looking at the messages flowing between systems, error handling, and any data transformation that may be happening.
 - End-to-End Business Testing – Looks at the end to end business processes that are enabled by the system integrations.

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Definition of Testing Types

- End-to-End Testing – Testing “Day in the Life” business flows. This is business processes critical to the business.
- UAT Testing – Testing by the end users to determine fit for their organization.
- Cutover Testing – Smoke tests run during production cutover.

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Risk Based Testing Approach

- During all types of testing the test team and UAT testers will use a Risk Based Testing Approach.
- Risk Based Testing Approach – Tests will be selected based on the following risk criteria:
 - Business Risk – How critical is the functionality to the business?
 - Technical Risk – How technically difficult was the functionality to build?
 - Other risks – Are there other risks to consider? If so, list them as well.

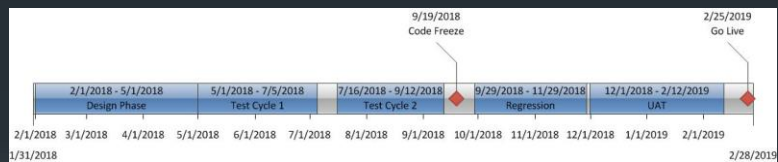
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Test Team Configuration

- List the test team or provide an org chart for people to see who is the test team.
- Test Lead – Mary Johnson
- Test Team – John James, Bob Reynolds, & Janice Schmidt
- UAT Team – TDB

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Test Timeline



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Test Reporting & Metrics

- Provide information on the following:
 - Types of reports people will see (maybe show an example)
 - Frequency of reports
 - Method of delivery
 - Who to contact if they have questions or escalations.

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Go / No-Go Decision

- What will be provided by the test team into this decision.
 - Sometimes they need our 'approval'
 - Sometimes they need a final test report.
 - Sometimes we aren't involved at all.
- What will you give them?
- When will it be delivered?

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Cut-Over Activities

- Cut-Over Activities (From a Test Perspective)
 - What role will the test team play for cut-over.
 - Will they be part of the pre-cutover activities?
 - Will they be part of a mock run of cutover?
 - What will their role be during the actual cut-over? (Smoke testing? Etc?)

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Key Contacts

- Who to contact in the event of testing concerns or problems.
- I typically start with the Test Manager or Test Lead.
- If it is a larger testing project I may also include a key testing contact for each area.

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Documentation Location

- Where will testing documents (strategy, plans, reports, defects, etc.) be stored?
- How do people request access – if access is required.

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Next Steps

- What can people expect from you next?
 - What meetings will be set up?
 - What key milestones are coming up and what will you need from the people you are presenting to?
- What do you expect next?
 - What support do you need?
 - What information do you need?
 - Are there approvals you are looking for?

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Questions

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