



**W7**

Leadership

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# The Who, What, Where, When, and How of Test Strategies

Presented by:

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## **Janna Loeffler**

Janna Loeffler has more than fifteen years of software quality experience. She holds a bachelor's degree in computer engineering and a master's degree in business administration. Working in a variety of software engineering roles, including development, testing, quality assurance, and DevOps, has provided her with a holistic view of software engineering. She has worked on a wide variety of products, such as industrial controls, embedded medical devices, websites, mobile applications, and theme park attractions. Janna has a passion for helping people build high5 quality software more efficiently.

## **Adam Satterfield**

Adam Satterfield, Director of Testing and Quality at Anthem, has been in the software testing industry for nearly 20 years. He has a wide background in industries such as military, SaaS, telecom and healthcare. Adam enjoys leading and mentoring quality assurance teams as well as teaching testers how to find their inner testing star. He is currently responsible for creating quality standards and training teams on Risk Based Testing, ATDD and Session Based Testing within Anthem.



Testing is acquiring the competence, motivation, and credibility to create the conditions necessary to evaluate a product by learning about it through exploration and experimentation, which includes to some degree: questioning, study, modeling, observation and inference, including verifying propositions about the product so that you help your clients to make informed decisions about risk.

Rapid Software Testing (<https://rapid-software-testing.com/>)



## WHAT IS STRATEGY



**strat·e·gy**  
/ˈstrədʒəj/  
*noun*

- a plan of action or policy designed to achieve a major or overall aim.

# BUYING A USED CAR-USING TESTING SKILLS

WHAT'S YOUR BUYING  
STRATEGY?

1941 Pontiac Vibe

\$2,500

Americus, GA

Very clean everything works fine



# THE WHO





**Developer (noun.)**  
Person who fixed a problem that you don't know you have, in a way you don't understand.

## THE REAL WHO

## THE WHEN


- Set the stage to clear miscommunications
- Created with enough time to review, communicate and revise



## AGILE CONSIDERATIONS

Embrace Agile and DevOps tools to help you. (Confluence, Jira)

Consider having a living document that is updated and reviewed for each sprint



## WATERFALL CONSIDERATIONS

- Just because you have more time, doesn't mean that you need a massive document
- Watch for bloat
- Set-up regular check-ins with the team to ensure they are sticking to the strategy throughout the longer testing cycle

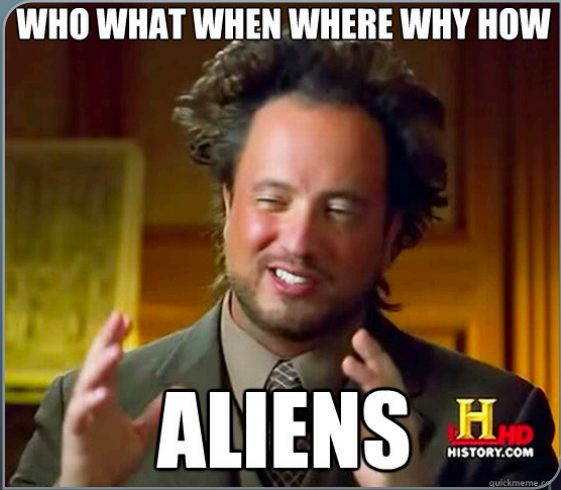


## THE WHERE

- The strategy is useful at the beginning during the planning phases
- Share your strategy where you can get the highest visibility.

## THE WHY

- Role of QA is to inform
- A strategy is a way to clearly and effectively communicate your plan
- Provides a discussion starter
- Audit purposes for some companies





## THE HOW



Communicate and collaborate



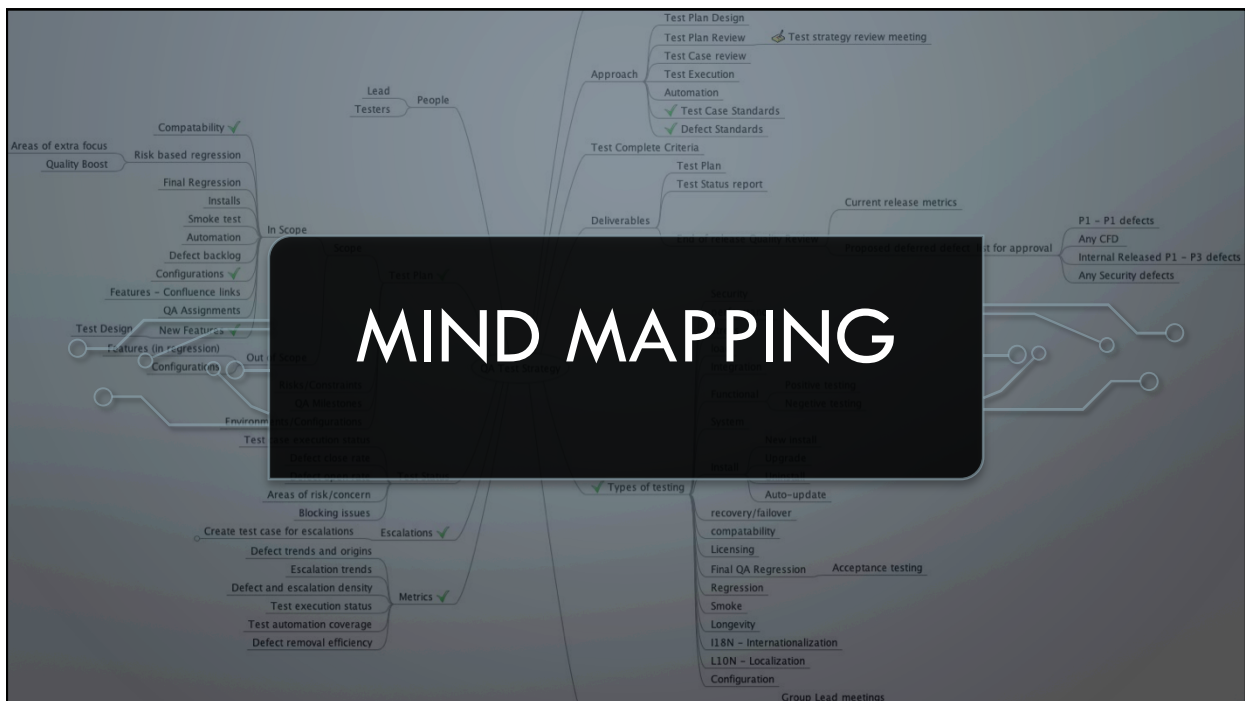
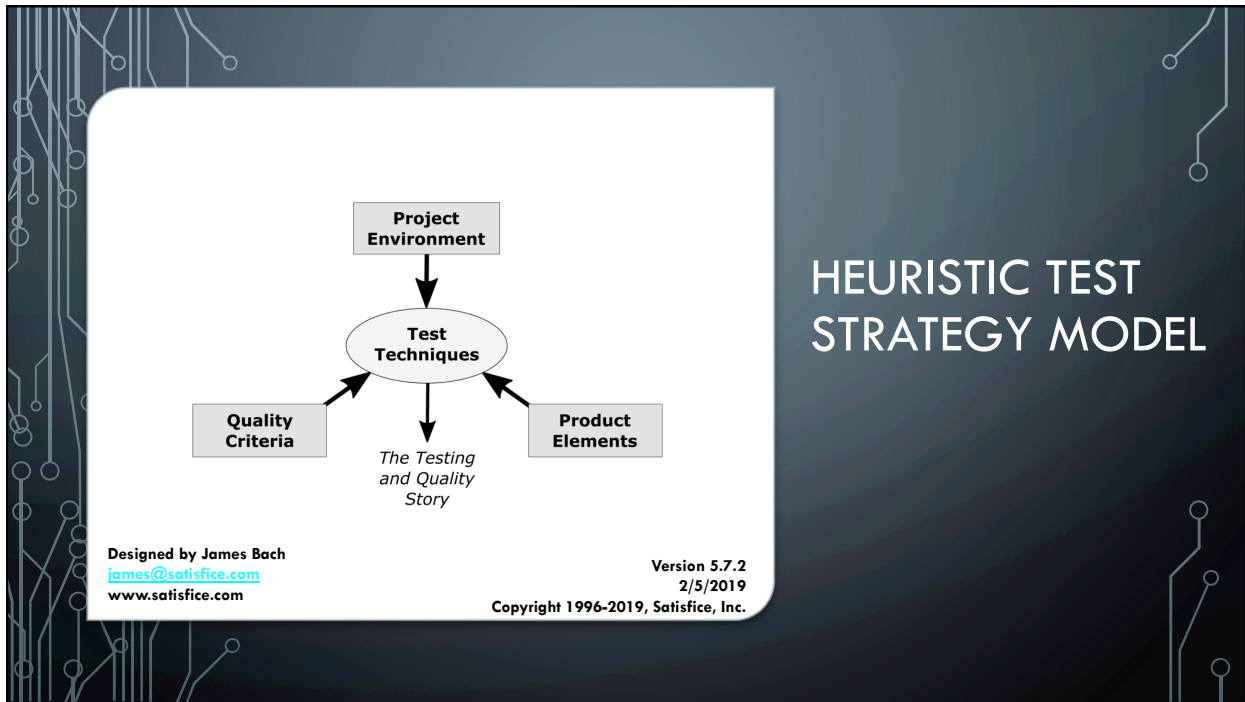
Compile communications into diagrams, flows and lists

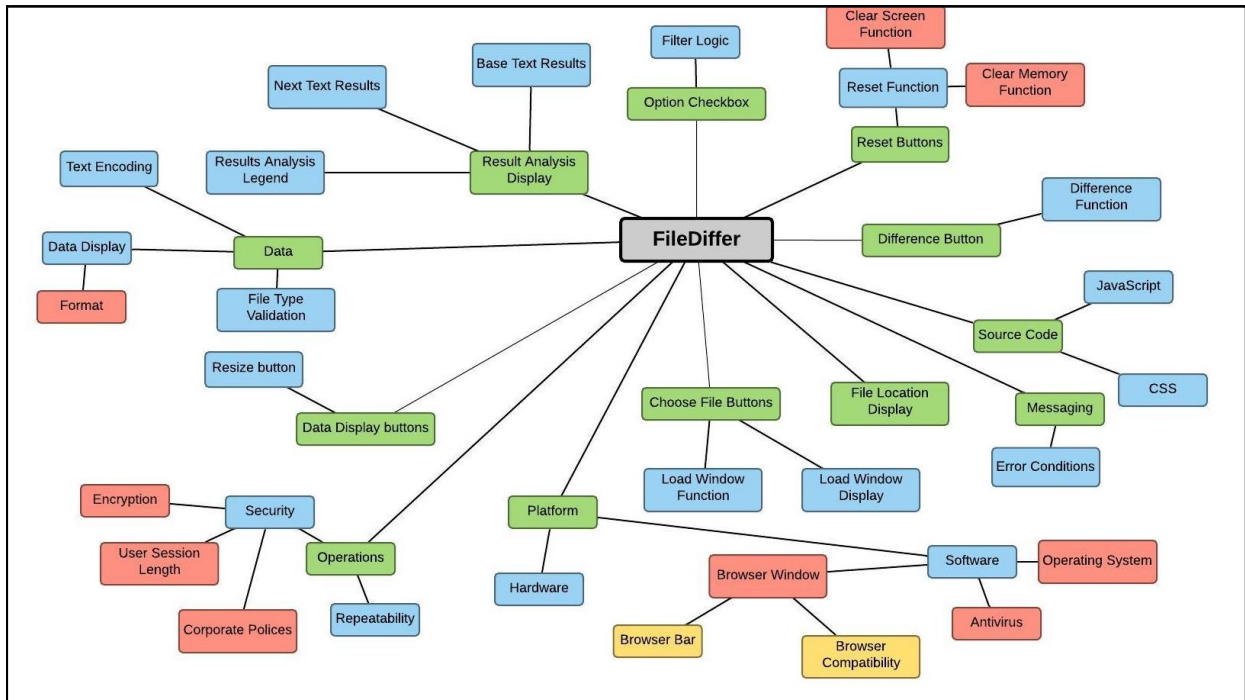
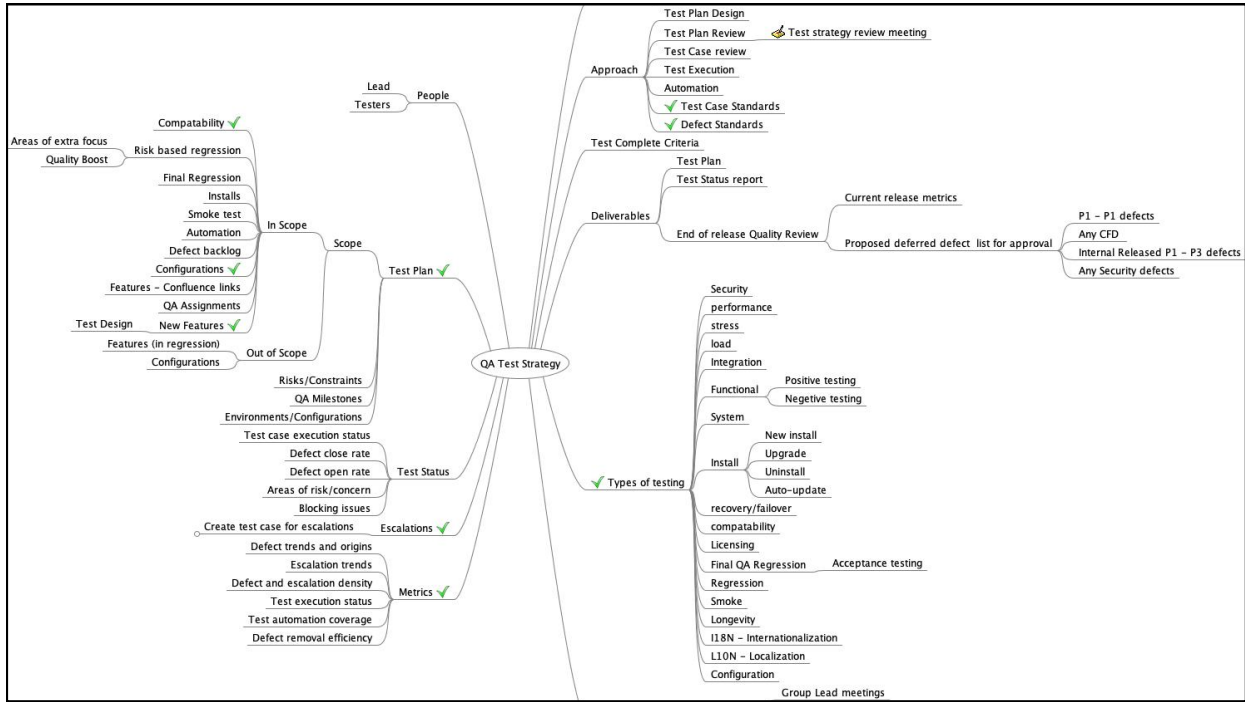


Review and share for feedback




HAVE YOU EVER EXPERIENCED THIS







## ISO/IEC/IEEE 29119-3: TEST DOCUMENTATION



## LOOKING FORWARD

- Be Flexible
- Understand the intent, don't get caught up with format or location
- Communication is the real goal

## ANY QUESTIONS?

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