

# Coverage Outlines

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VISIONCRITICAL®

# Your needs?

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- How many of you need to test against configurations?
- How many of you use a test management system?
- How many of you use spreadsheets?
- Anyone using Google docs or Office 365?

# I will show you how to ...

- Structure and simplify your test planning
- Inspire and structure your test design
- Be test professionals not just execution machines
- Collaborate on testing
- Show clear and concise status at any point in your testing
- Discuss risk in terms of planned versus actual coverage

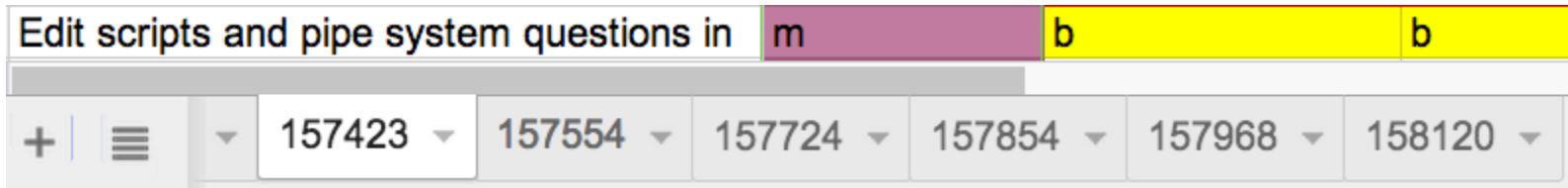
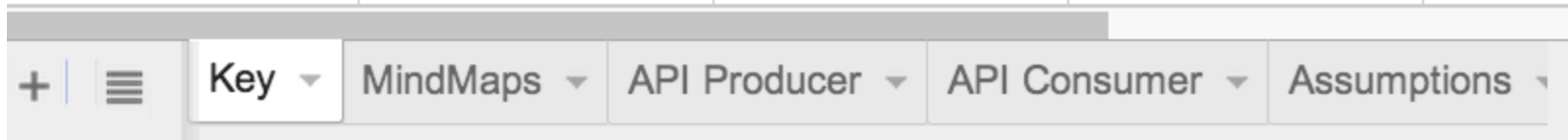


|    | A  | B               | C                       | D                   | E                     | F                 | G                   | H                   | I                      | J                  | K  |
|----|--|-----------------|-------------------------|---------------------|-----------------------|-------------------|---------------------|---------------------|------------------------|--------------------|--|
| 1  |  |                 | <b>Browser &amp; OS</b> |                     |                       |                   |                     |                     |                        |                    | Order browser and OS combinations in priority/popularity order, highest leftmost, lowest rightmost |
| 2  | <b>Test Idea/outline</b>   | <b>Priority</b> | <b>Win XP + IE8</b>     | <b>Win 7 + IE11</b> | <b>Win 8.1 + IE11</b> | <b>Win 7 + FF</b> | <b>Win 7 Chrome</b> | <b>Win 7 + IE10</b> | <b>Mac OS X Safari</b> | <b>Win 7 + IE9</b> | <b>Comments</b>  |
| 3  | <b>Usability/workflow</b>  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 4  | Common workflows or scenarios  | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 5  | e.g. how will the customer use this page - try to achieve the customer goals | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 6  |  | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 7  |  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 8  | <b>Navigation</b>  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 9  | Links  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  | Go where you expect, open in new window as expected, consistent across browsers etc                |
| 10 | Tabs   | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 11 | Buttons  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 12 | Images   | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 13 | Table of contents  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 14 | Scrollable sections  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 15 |  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 16 |  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 17 | <b>Details</b>   |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 18 | Page Reads Well  | l               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 19 | Tooltips   | l               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 20 | Errors/warning messages  | l               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 21 | Images   | l               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 22 | Data Accuracy  | l               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 23 | Data Update Frequency/Triggers   | l               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 24 |  | l               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 25 |  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 26 | <b>User Entry</b>  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 27 | Boundaries   | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 28 | Validation   | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 29 | Pasting  | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 30 | Canonicalization   | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  | e.g. string encoding, double encoding/decoding etc   |
| 31 | SQL Injection  | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 32 | XSS  | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 33 |  | h               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 34 |  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 35 | <b>Layout/design</b>   |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 36 | Spacing  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 37 | Formatting   | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 38 | Alignment  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 39 | Wrapping   | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 40 | Fonts  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 41 |  | m               | t                       | t                   | t                     | t                 | t                   | t                   | t                      | t                  |  |
| 42 |  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |
| 43 | <b>Localization</b>  |                 |                         |                     |                       |                   |                     |                     |                        |                    |  |

# Structure & simplify plan

|  |          | Browser & OS |
|--|----------|--------------|
| Test Idea/outline  | Priority | Win XP + IE8 |
| <b>Usability/workflow</b>  |          |              |
| Common workflows or scenarios  | h        | t            |
| e.g. how will the customer use this page - try to achieve the customer goals | h        | t            |
| <b>Navigation</b>  |          |              |
| Links  | m        | t            |
| Tabs   | m        | t            |
| Buttons  | m        | t            |

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# Structure & simplify plan

| Test Idea/outline  | Priority | Unit Tests | SpecFlow Automation | Contract test from consumer |
|--------------------|----------|------------|---------------------|-----------------------------|
| <b>GET</b>         |          |            |                     |                             |
| Valid Query params | h        | t          | t                   | t                           |

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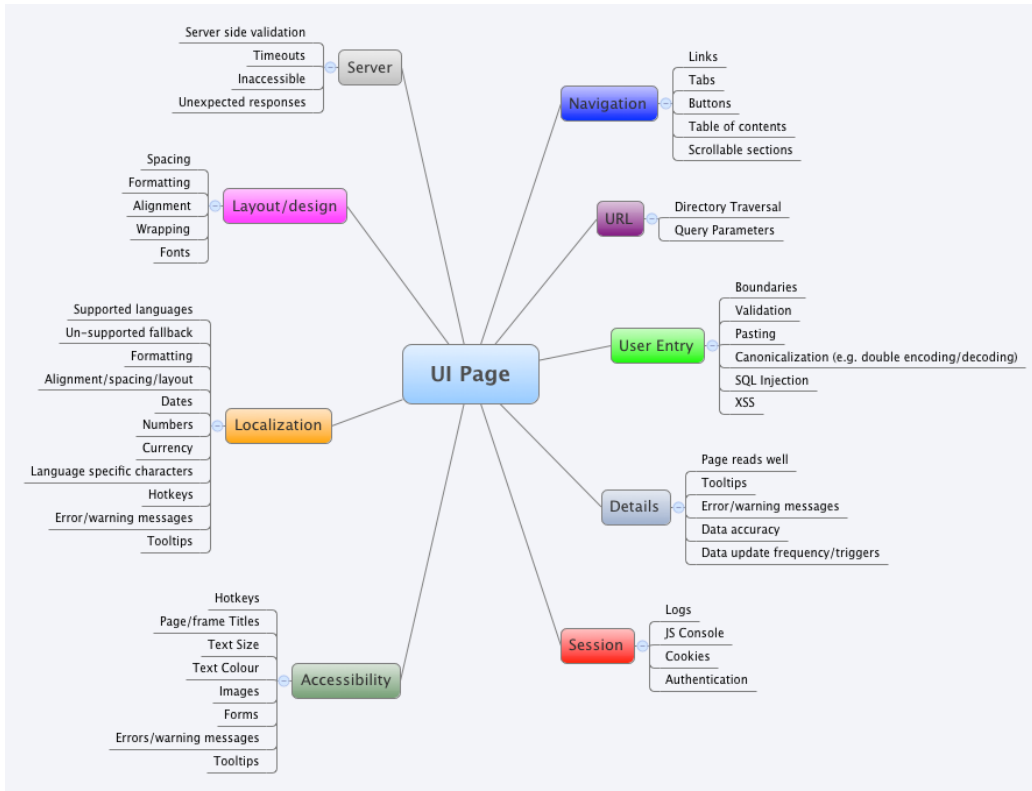
| Test Result Letter | Meaning                               |
|--------------------|---------------------------------------|
| p                  | Passed                                |
| f                  | Failed                                |
| b                  | Blocked                               |
|                    | Does not need to be tested or covered |
| x                  |                                       |
| t                  | ToDo/To test                          |
|                    |                                       |
|                    |                                       |
| Priority           | Meaning                               |
| h                  | High                                  |
| m                  | Medium                                |
| l                  | Low                                   |



# Structure & simplify plan

|                      |   |   |   |
|----------------------|---|---|---|
| Valid Query params   | h | p | f |
| Max query params     | h | b | x |
| Invalid Query params | h | p | p |
|                      | h | x | x |

# Inspire & structure design



# Inspire & structure design

- Outline Areas of focus
- Use heuristics
- Create templates

# Be Test Professionals

- Pesticide paradox
- Use test ideas
- Encourage exploration

# Collaborate on testing

- Allocate columns
- Allocate sections
- Allocate tabs

# Show clear & concise status

|   |          | Browser & OS |              |                |            |
|---|----------|--------------|--------------|----------------|------------|
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| Common workflows or scenarios<br>e.g. how will the customer use this page - try to achieve the customer goals | h        | p            | p            | f              | x          |
|   | h        | p            | p            | p              | x          |
| <b>Navigation</b>   |          |              |              |                |            |
| Links   | m        | p            | p            | p              | x          |
| Tabs  | m        | p            | p            | f              | x          |
| Buttons   | m        | p            | p            | b              | x          |
| Images  | m        | p            | p            | b              | x          |
| Table of contents   | m        | p            | p            | p              | x          |
| Scrollable sections   | m        | p            | p            | p              | x          |

# Show planned vs actual

| Test Idea/outline   | Priority | Browser & OS |              |                |            |
|---|----------|--------------|--------------|----------------|------------|
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|   | h        | p            | t            | p              | x          |
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# What to watch for?

- Test ideas getting too long or prescriptive
- Sheets getting too large
- Too many tabs
- Too many statuses/colours
- Getting too clever with formulas/results aggregation

# Questions



# Want to know more?



We have one or two opportunities at VC



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