

The Art of Visualization

Presented at CAST 2010

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NATURAL LANDSCAPES INC.

Natural Landscapes Inc. has commissioned you to create a software program that educates children about the importance of natural environments.

A Requirement

The program load screen contains an image of a beautiful summer meadow with blue and red flowers in green grass, some woodland animals and birds under a shining sun.

What Was Created

Attribution: David Barnholdt

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What They Wanted



Problems With Written Communication

- *Obscures Key Words*
- *Wastes Time*
- *Difficult to Remember*
- *Doesn't Stimulate Brain Creativity*

The Result...

**Lack of
Concentration**

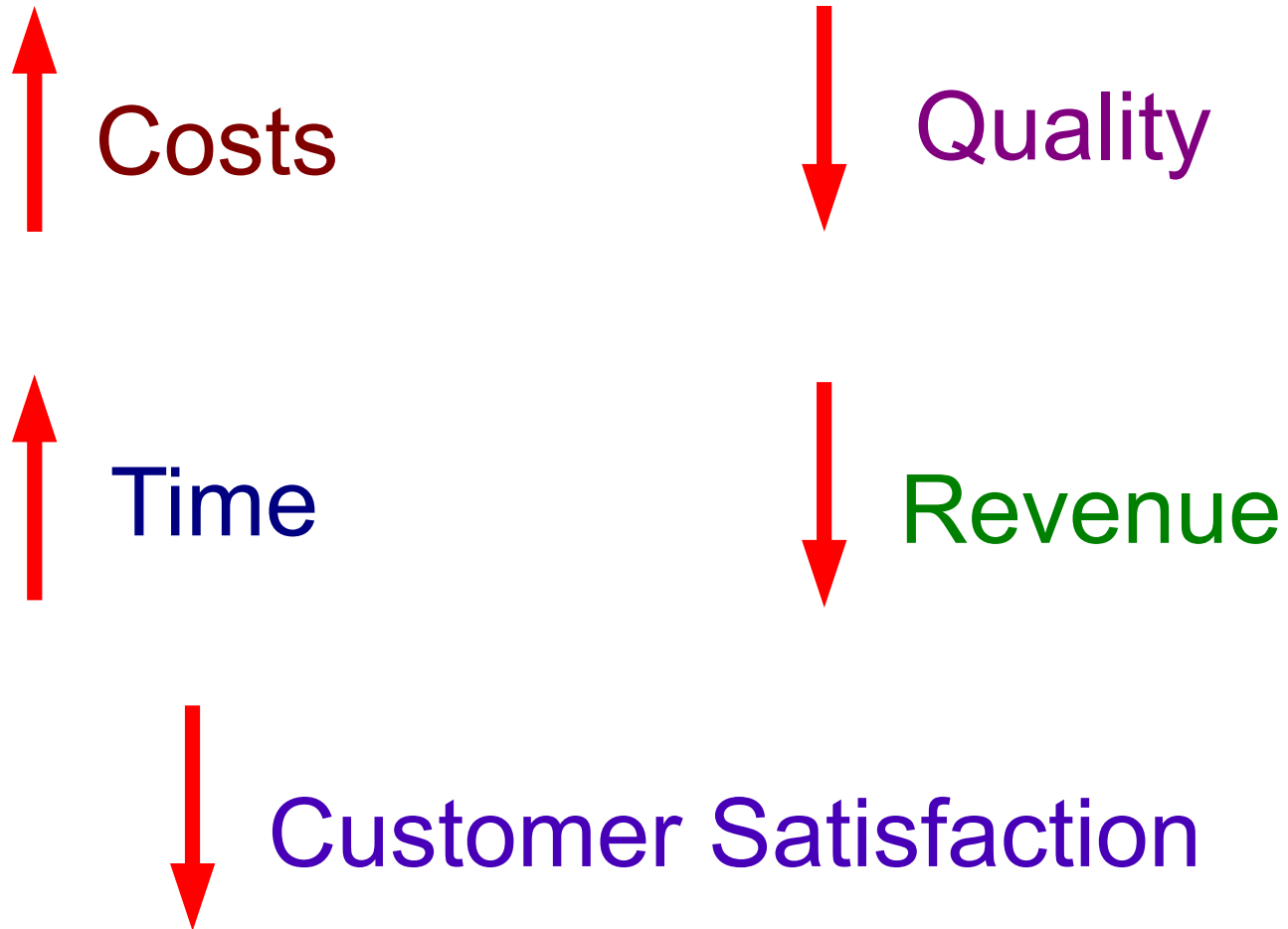
Frustrated

Bored

Write More

Misunderstand

In Business Terms



“Creative thinking

*may mean simply the realisation that
there is no particular virtue in doing things
the way they have always been done.”*

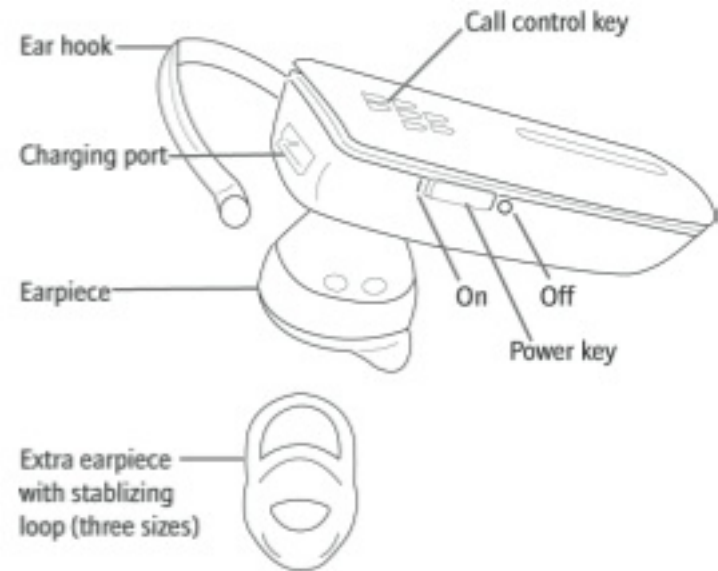
- Rudolf Flesch

Handsfree Regulation

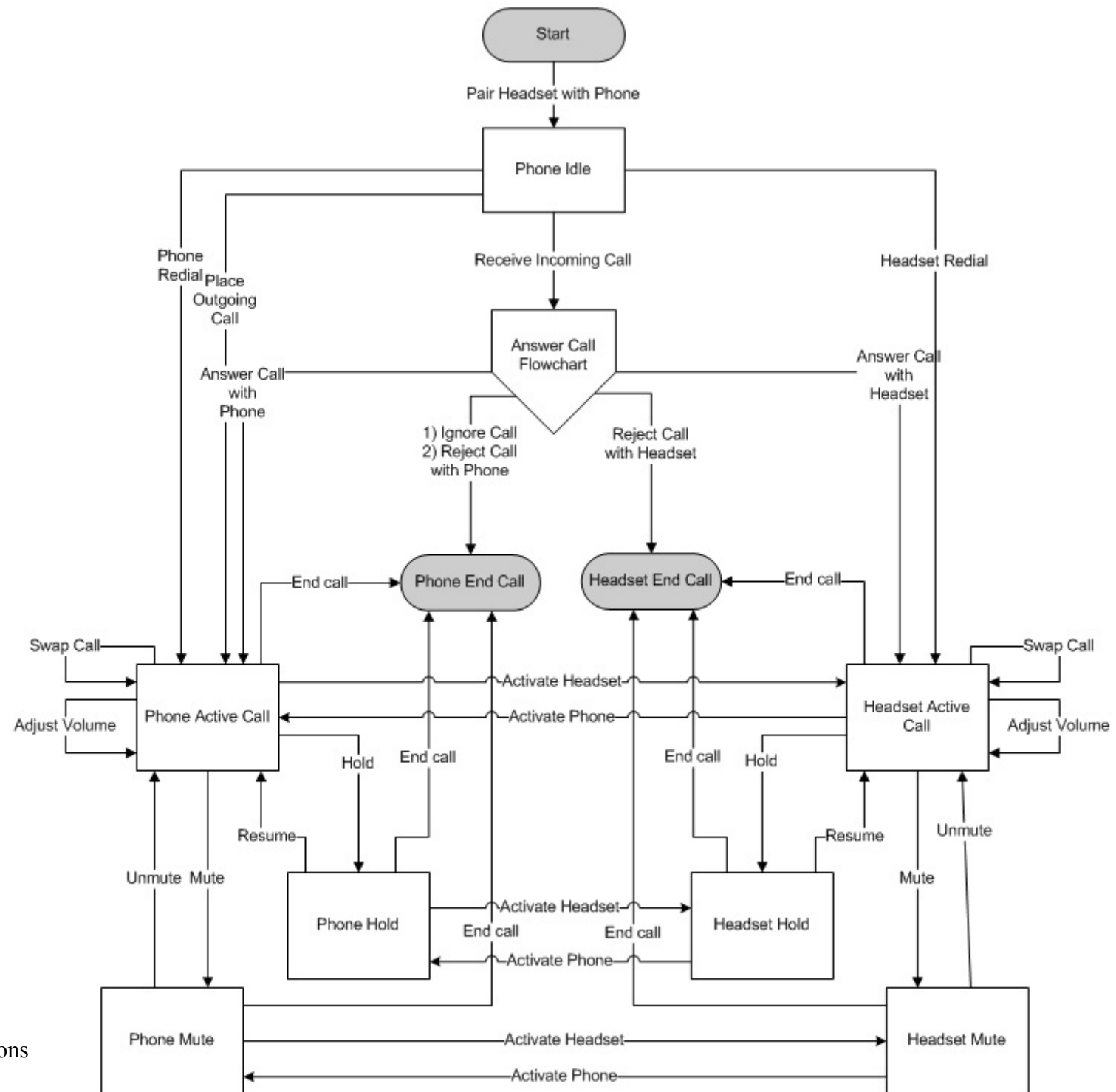


Hands-Free Solutions

The user can answer, hold, resume, and end phone calls on their smartphone using a hands-free headset.



Is this simple?

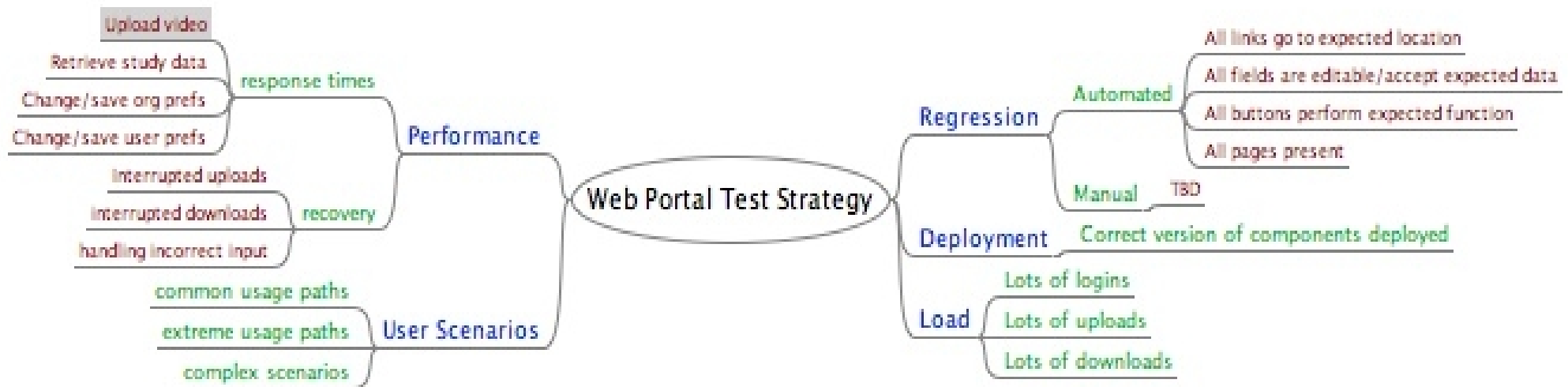


Heavy Test Strategies

Test Strategy Contents

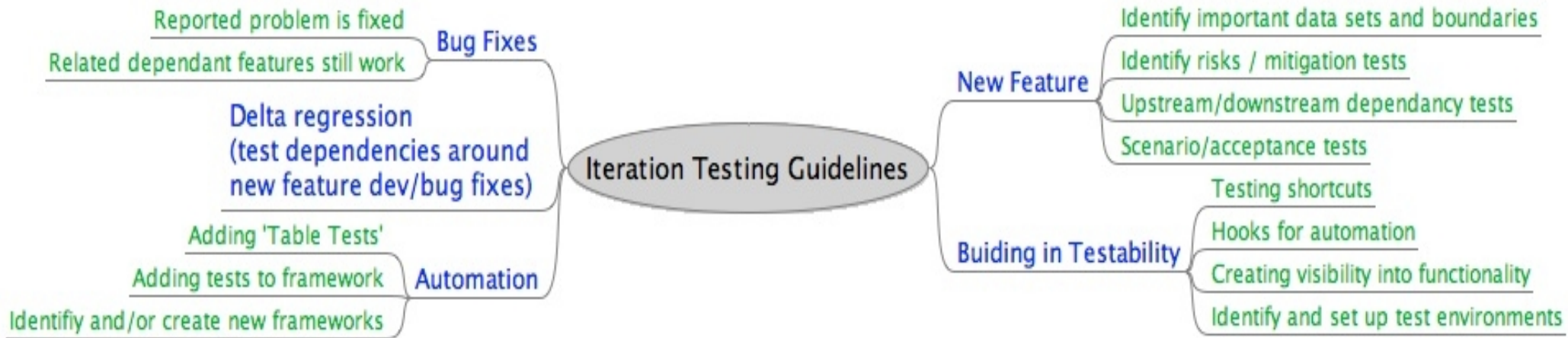
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Simplify Test Strategies



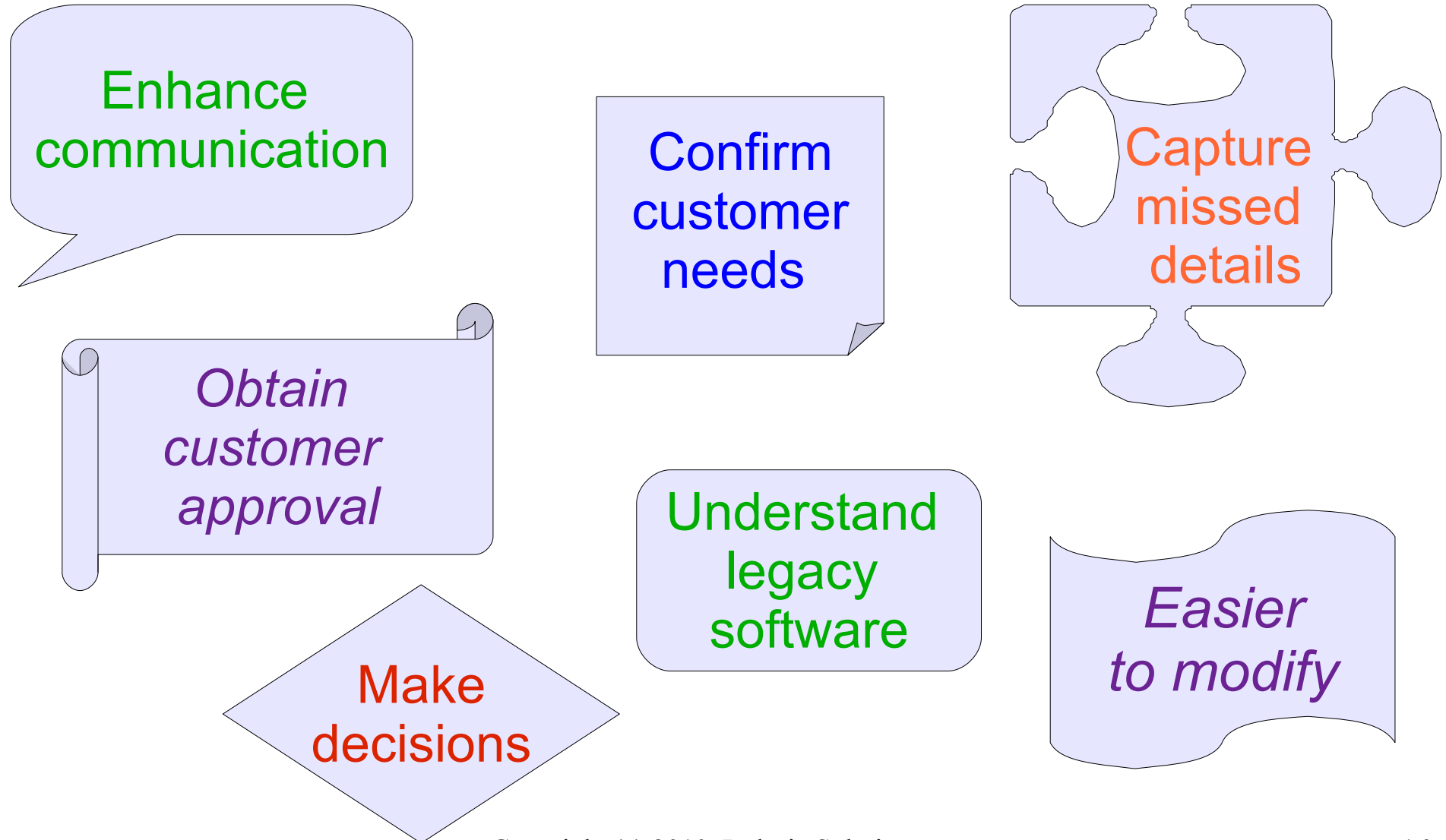
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Simplify Testing Guidelines



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Why Use Visual Models





Try Visual Modeling

Flowcharts

**Whiteboard /
Napkin
Drawings**

Informal UML

Mind Maps

Use Cases

**Sequence
Diagrams**

UI Flow Diagram

Decision Tables

“Genius...

*is the capacity to see ten things
where the ordinary man sees one, and
where the man of talent sees two or three,
plus the ability to register that multiple
perception in the material of his art.”*

- Ezra Pound

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Recommended Resources

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