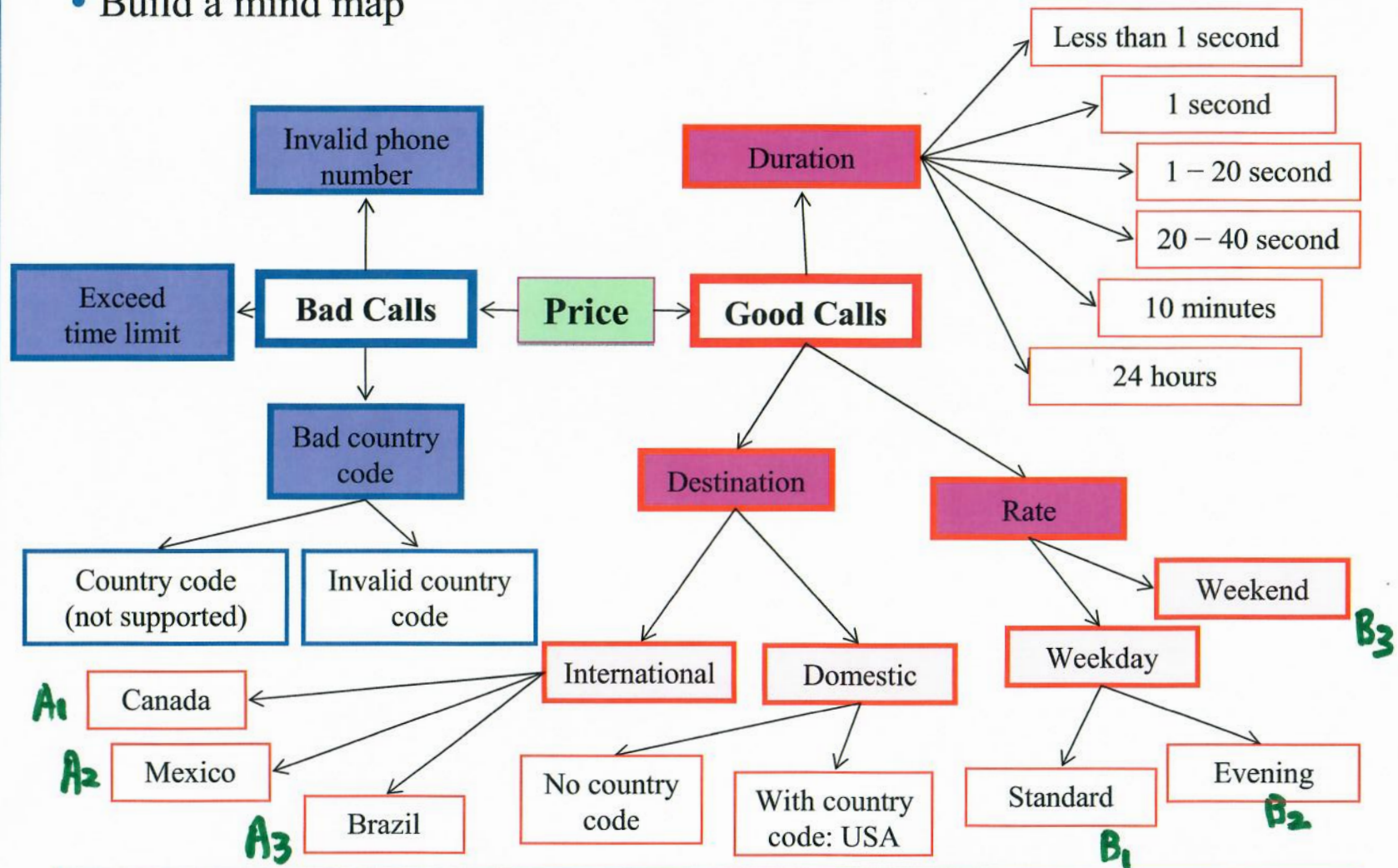


Test Generation using Mind Map (3)

- Build a mind map



ECP (A₁) Canada + standard (B₁)

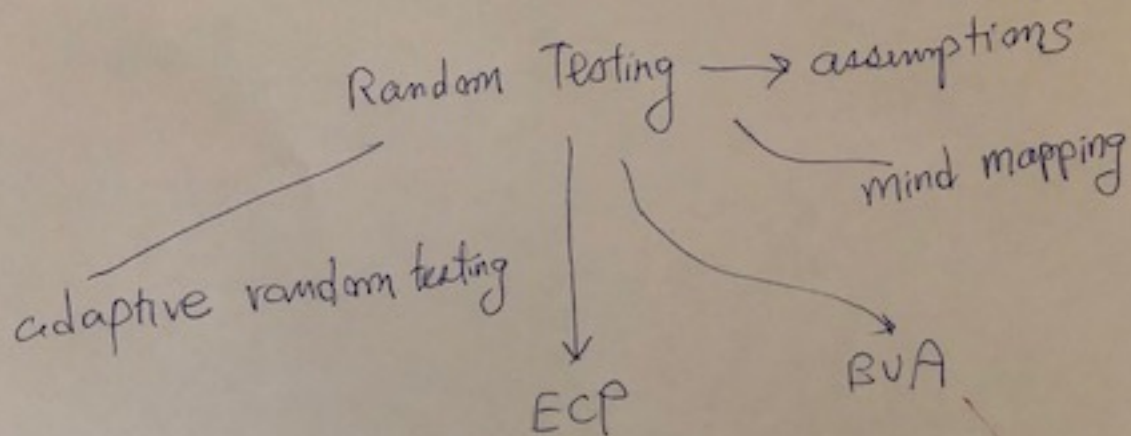
(2)

(A₂) Mexico + Evening (B₂)

(A₃) Brazil + weekend (B₃)

Is this enough?

How to improve your test suite?



Black Box ↑
white Box ↓

control-flow based

dataflow-based

statement coverage

decision/condition coverage

c-use

p-use

combinational testing
(pairwise, 3-way, subpath)

path testing

mutation testing

Combinational testing

— pairwise combination

(subpath)

A ₁	B ₁	Canada	Standard
A ₁	B ₂	Canada	Evening
A ₁	B ₃	Canada	Weekend
A ₂	B ₁	Mexico	Standard
A ₂	B ₂	Mexico	Evening
A ₂	B ₃	Mexico	Weekend
A ₃	B ₁	Brazil	Standard
A ₃	B ₂	Brazil	Evening
A ₃	B ₃	Brazil	Weekend