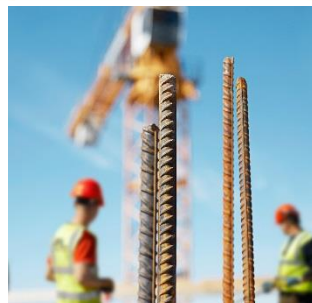
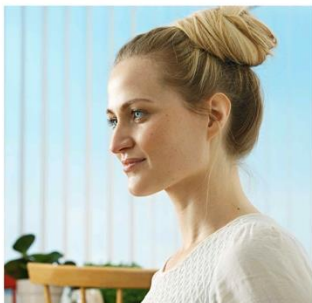
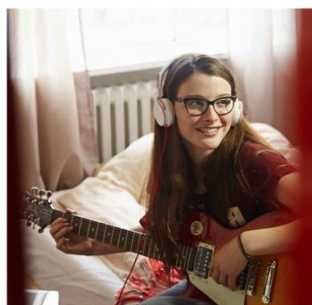
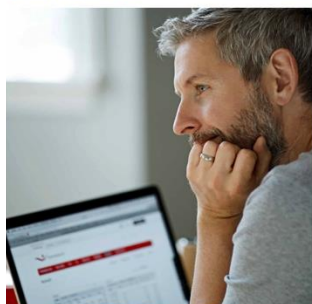




7.12.2016

Tékklisti prófarans



Efnisyfirlit

- I. Hvað eru prófanir
- II. Prófanir byrja strax í greiningu
- III. Tékklisti prófarans
- IV. Hvenær er prófunum lokið?
- V. Samantekt

Hvað eru prófanir?

...Og af hverju þarf að prófa

Hvað eru prófanir?

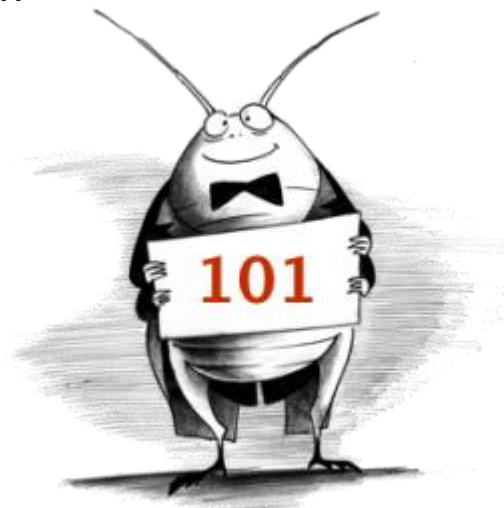
Prófanir eru flæðið að fara í gegnum kerfi eða aðgerð í þeim tilgangi að finna villur eða „bögga“

Prófanir eru margþættar

- Staðfesta hvort aðgerð virkar samkvæmt kröfum
- Staðfesta hvort aðgerð mæti réttum gæðastöðlum
- Hluti af þróun
- Besta endurgjöfin

Prófanir eru nauðsynlegar

- Mistök eru mannleg
- Finna villur og bögga áður en vara fer í rekstur
- Er varan samkvæmt réttum gæðum

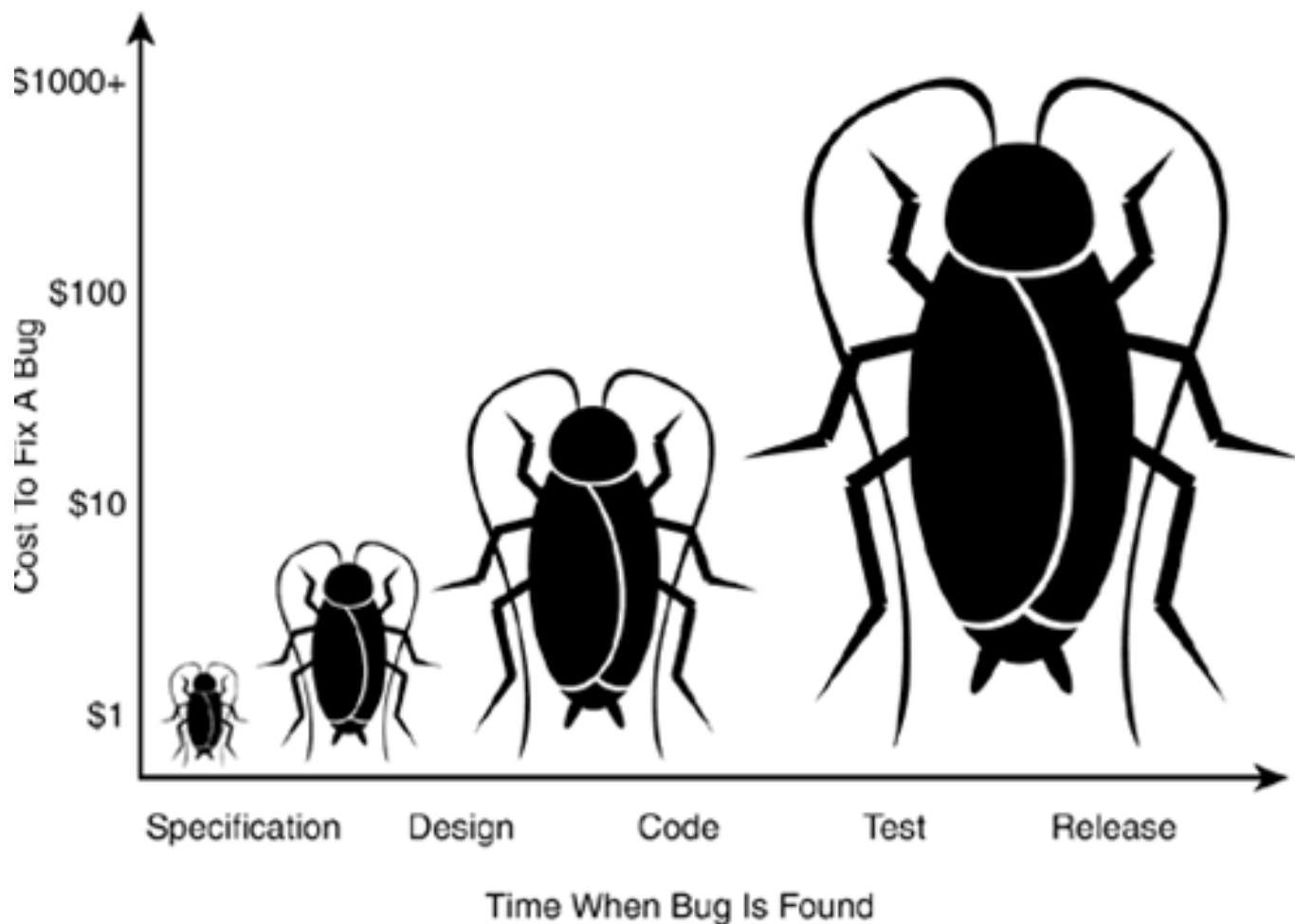


Prófanir byrja strax í greiningu

Hverjar eru kröfurnar?

Prófanir byrja strax í greiningu verkefnis

Hverjar eru kröfurnar (e. requirements)



Tékklisti prófarans

Er búið að prófa allt?

Tékklistinn

Undirbúningur og framkvæmd

- Er til greining?
- Skrifa áætlun e. (Test Plan)
- Prófunargögn og umhverfi
- Skrifa prófunartilvik (e. Test case)
- Keyra prófin
- Endurprófa

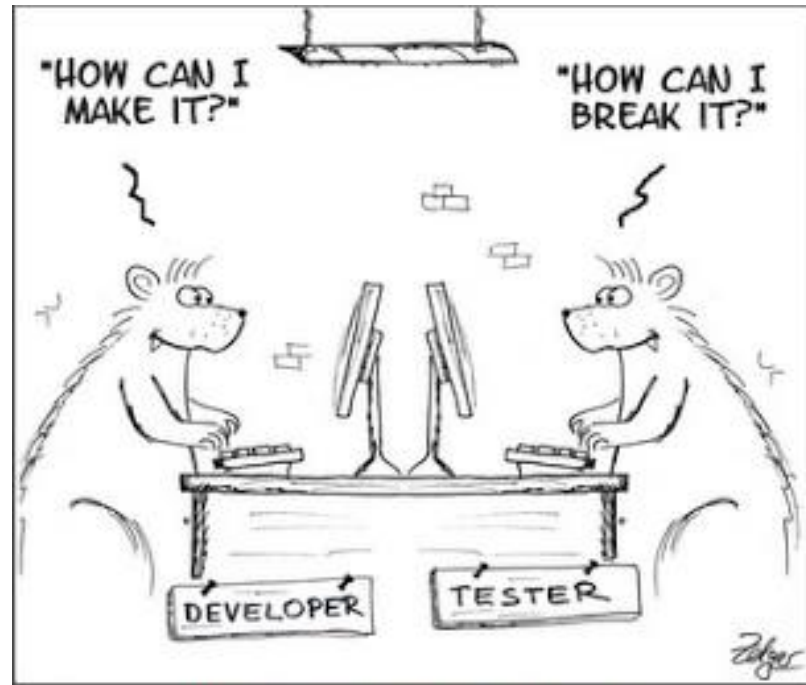
WHEN YOU HEAR THIS:



Tékklistinn

Hvernig get ég brotið þetta

- Hvað er maður að prófa
- Finna hvað á að ekki að vera þarna
- Brjóta reglurnar
- Bera saman niðurstöður



They are not so much different,
but they have different path for the same goal,
to improve quality!!

Microsoft Test Manager

Prófunartilvik – skrefin

Test Case 26: Add new item to list [Save and Close]

Title: Add new item to list

Status

Assigned To: Garcia, Esteban

State: Design

Priority: 2

Automation Status: Not Automated

Classification

Area: Demos

Iteration: Demos

Steps Summary Tested User Stories All Links Attachments Associated Automation

Insert step Insert shared steps Insert parameter

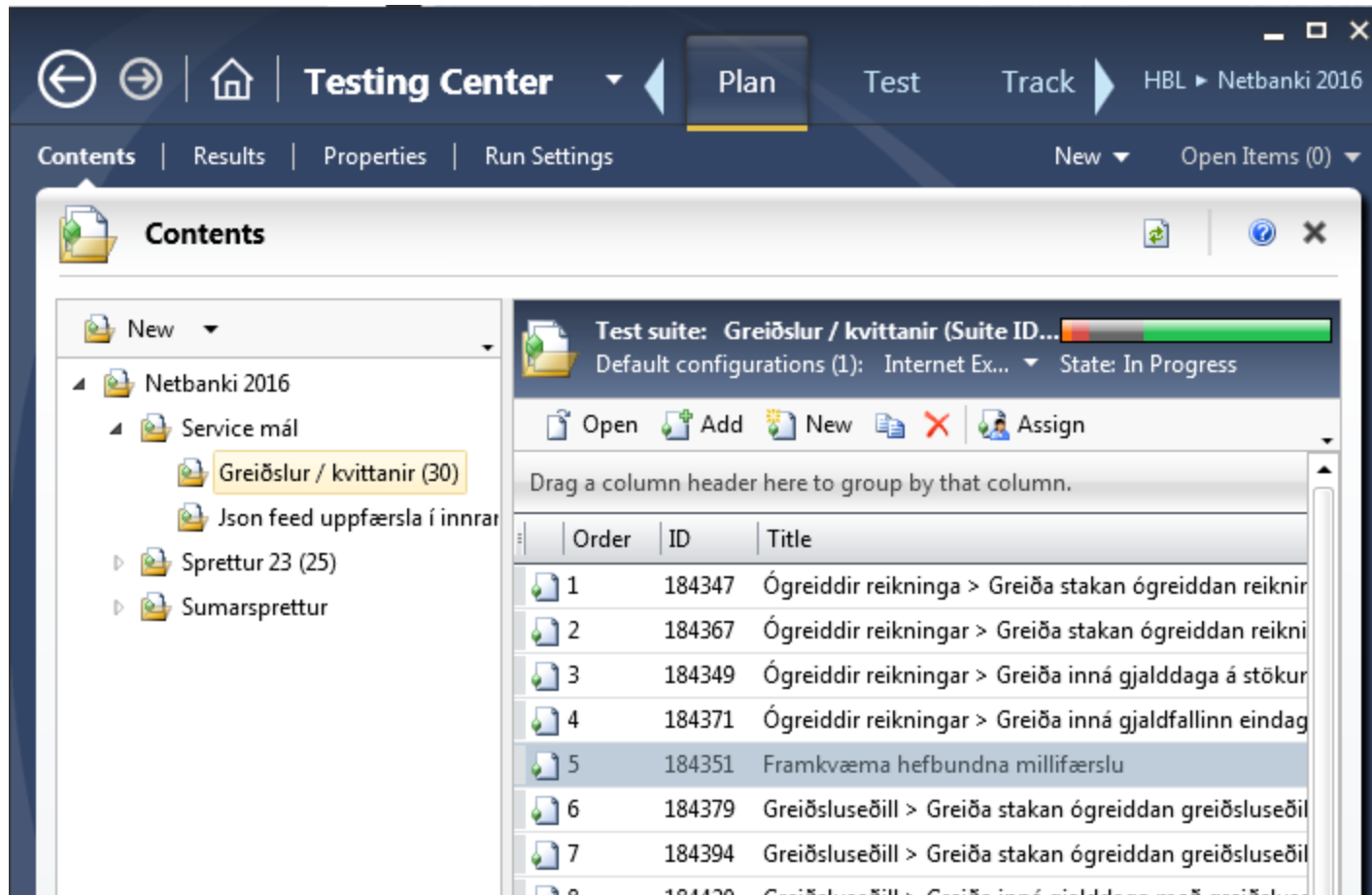
Action	Expected Result
1. Open IE	
2. Browse to Demo Site	
3. Click "Add" button	
4. Add Mailing list item: @Name, @Email, @Twitter	
5. Verify list	
6. Close browser	
Click here to add a step	

Parameter Values:

Delete iteration Rename parameter Delete parameter

Name	Email	Twitter
Test One	1@test.com	@One
Test Two	2@test.com	@Two
Test Three	3@test.com	@Three

Microsoft Test Manager



The screenshot shows the Microsoft Test Manager interface. The top navigation bar includes 'Testing Center', 'Plan', 'Test', and 'Track'. The 'Plan' tab is active. Below the navigation bar, there are tabs for 'Contents', 'Results', 'Properties', and 'Run Settings'. The 'Contents' tab is selected, showing a tree view on the left and a list of test items on the right.

Contents

- New
 - Netbanki 2016
 - Service mál
 - Greiðslur / kvittanir (30)**
 - Json feed uppfærsla í innra
 - Sprettur 23 (25)
 - Sumarsprettur

Test suite: Greiðslur / kvittanir (Suite ID...)
Default configurations (1): Internet Ex... State: In Progress

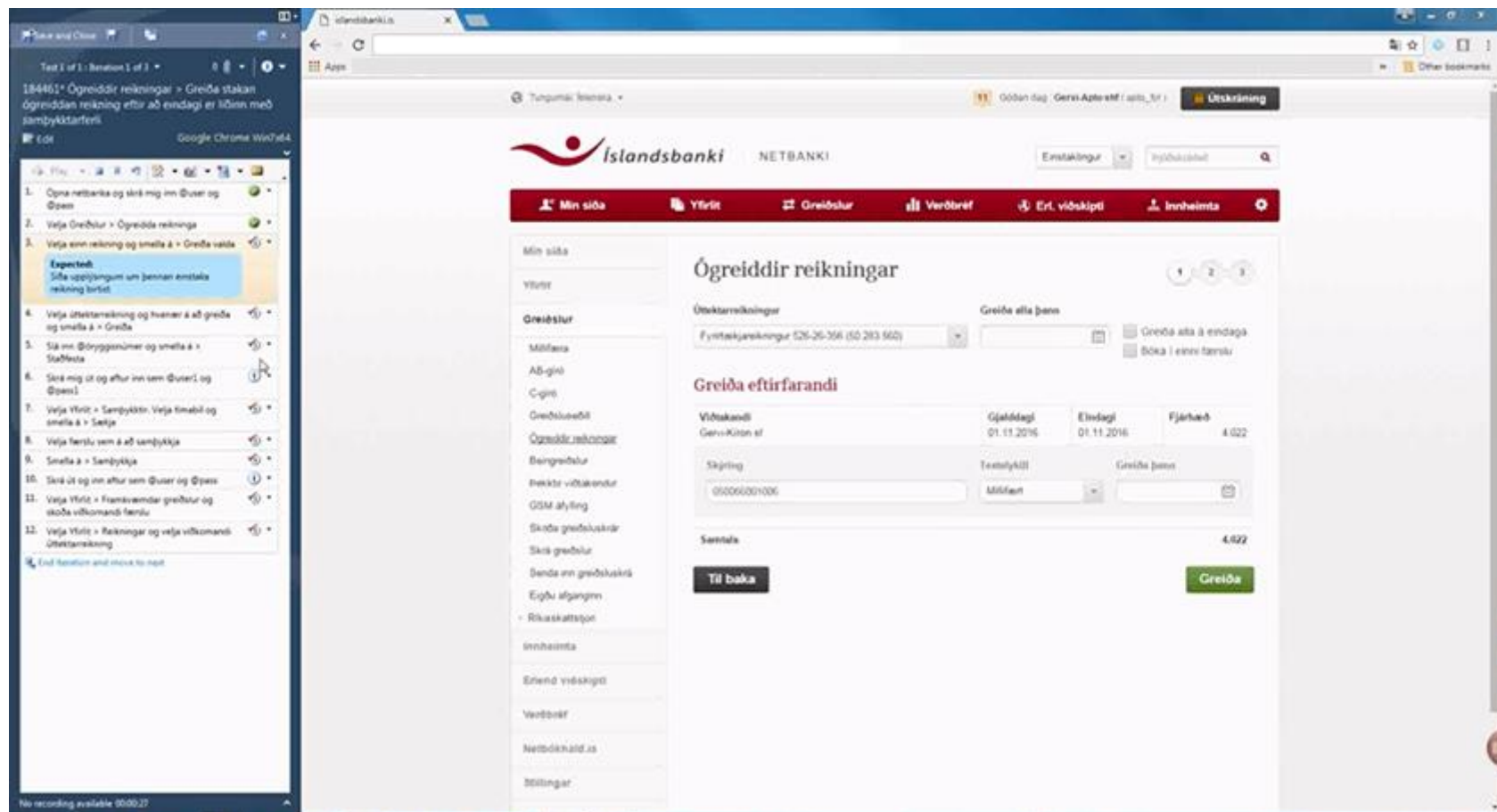
Open Add New Assign

Drag a column header here to group by that column.

Order	ID	Title
1	184347	Ógreiddir reikninga > Greiða stakan ógreiddan reiknir
2	184367	Ógreiddir reikningar > Greiða stakan ógreiddan reikni
3	184349	Ógreiddir reikningar > Greiða inná gjalddaga á stökur
4	184371	Ógreiddir reikningar > Greiða inná gjaldfallinn eindag
5	184351	Framkvæma hefbundna millifærslu
6	184379	Greiðsluseðill > Greiða stakan ógreiddan greiðsluseðil
7	184394	Greiðsluseðill > Greiða stakan ógreiddan greiðsluseðil
8	184420	Greiðsluseðill > Greiða inná gjalddaga með greiðslu

Microsoft Test Manager

Video upptaka af prófunum



The screenshot displays a Microsoft Test Manager interface. On the left, a test plan titled '184461* Ógreiddir reikningar' is shown, detailing 12 steps for testing the 'Ógreiddir reikningar' (Overdue payments) feature on the Íslandsbanki website. The steps include logging in, navigating to the 'Ógreiddir reikningar' page, and performing actions like clicking on the 'Ógreiddir reikningar' link. The test results on the right show a successful outcome with a score of 4.022. The test plan is titled 'Ógreiddir reikningar' and includes a table of test results.

Ógreiddir reikningar	Gjaldlagi	Eindagi	Fjárhæð
Gjaldlagi	01.11.2016	01.11.2016	4.022

Tékklistinn

Þegar villur eru lagaðar þarf að prófa aftur

Regression:
"when you fix one bug, you
introduce several newer bugs."



Bingó!



BUG FIX BINGO!

During bug fix sessions, cross off the appropriate statements as the developers make them.

It works on my machine!	Where were you when the program blew up?	Why do you want to do it that way?	You can't use that version on your system.	Even though it doesn't work, how does it feel?
Did you check for a virus on your system?	Somebody must have changed my code!	It works, but it hasn't been tested.	THIS can't be the source of THAT!	I can't test everything!
It's just some unlucky coincidence!	You must have the wrong version.	I haven't touched that module in weeks!	There is something funky in your data...	What did you type in wrong to get it to crash?
It must be a hardware problem.	How is that possible?	It worked yesterday!	It's never done that before!	That's weird...
That's scheduled to be fixed in the next release.	Yes, we knew that would happen.	Maybe we just don't support that platform.	It's a feature. We just haven't updated the specs.	Surely nobody is going to use the program like that!

The Rules:

Rule #1:
Testers must immediately call "Bingo!" upon completing a line of five squares horizontally, vertically, or diagonally.

Rule #2:
Statements that arise as a result of a bug that later becomes "deferred", "as designed", or "not to be fixed" should be reclassified as not marked.

Rule #3:
Only bugs that have been included in an incident report may be used.

Rule #4:
Statements should also be recorded against the bug in the defect tracking system for later confirmation.

Rule #5:
Any tester that marks off all 25 statements should be awarded 2 weeks stress leave immediately.

Rule #6:
Any developer found using all 25 statements should be seconded into the test group for a period of no less than 6 months for re-education.

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K. J. Ross & Associates
Software Testing & ICT Risk Mitigation

Hvenær er prófunum lokið?

Hvenær eru prófanir búnar

Áskorunin er að prófa sem minnst...en gera það skynsamlega!

- Hægt að prófa endalaust
- Fer eftir áhættu
- Öll próf keyrð og allar villur lagaðar
- Þegar tíminn er búinn og vara þarf að fara í loftið

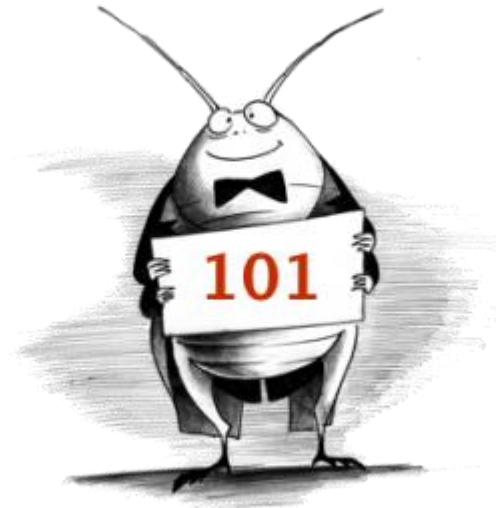


Here is what they always forget to tell new testers in the job interview

Samantekt

Tékklistinn

- Byrja strax í greiningu að undirbúa prófanir
 - Hvað þarf að prófa meira en annað, hvaða vafra o.s.frv.
- Velja sér tól
- Vera með góð prófunargögn og gott prófunarumhverfi
- Skipuleggja prófin vel og hvaða niðurstöður maður vill fá
- Prófa í gegnum allt ferlið og gefa forriturum strax endurgjöf
- Skrá villur vel og skilmerkilega og fylgja þeim eftir
- Prófa aftur 😊



„If you don't like testing your product, most likely your customers won't like to test it either“