

# AN ADEQUATE QUALITY CONTROL PLAN

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## WHAT IS QUALITY ASSURANCE ?

- **Quality Assurance** or **QA** refers to planned and systematic production process that provide confidence in a product's suitability for its intended purpose.
- It is a set of activities intended to ensure that products satisfy the customer requirements in a systematic and reliable fashion.

## WHAT IS QUALITY CONTROL?

- **Quality Control** or **QC** deals with assurance and failure testing in products that have already been designed, to meet or exceed customer requirements.

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## QUALITY ASSURANCE (QA) X QUALITY CONTROL (QC)

- **QA** aims to prevent defects with a focus on the process used to make the product. It is a proactive quality process.
- **QC** aims to identify defects prior to the release and deployment of a product, therefore it is a reactive process.

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## TYPICAL EXAMPLE OF QUALITY ASSURANCE AND QUALITY CONTROL

The production of the Mexican spirit drink tequila is restricted to the blue agave and restricted to defined geographic areas, primarily to the State of Jalisco in West-Central Mexico. Two basic categories of tequila can be distinguished: 100% agave and mixed tequila.

**THIS IS QUALITY ASSURANCE**



**THIS IS QUALITY CONTROL**



The tequila tasting is the most important part of the QC process.



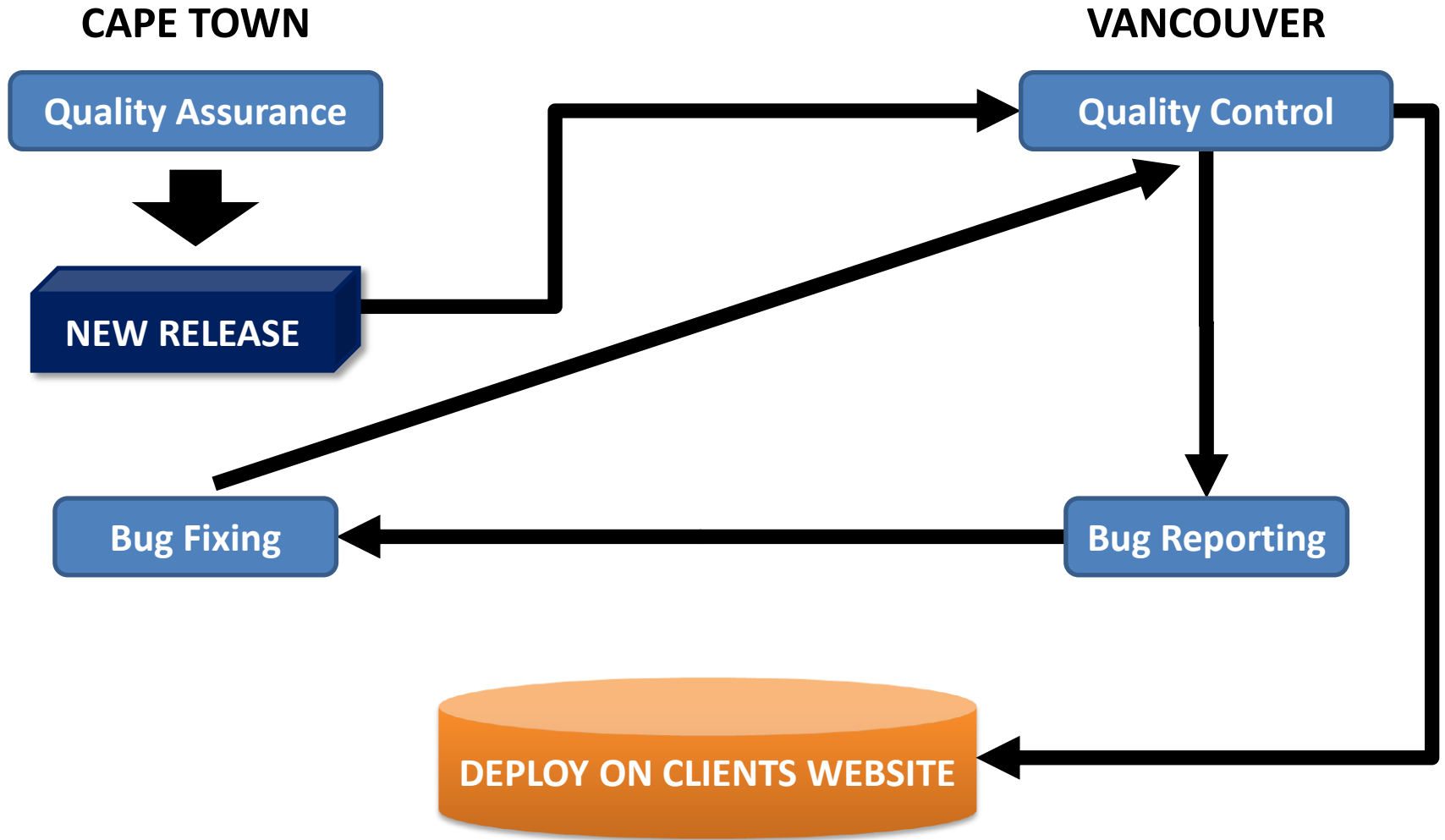
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## SERIOUSLY NOW...

- **QC** is all about testing
- **QC** is all about attention to detail
- **QC** is all about considering each and every possibility

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## TAKING THAT INTO CONSIDERATION:

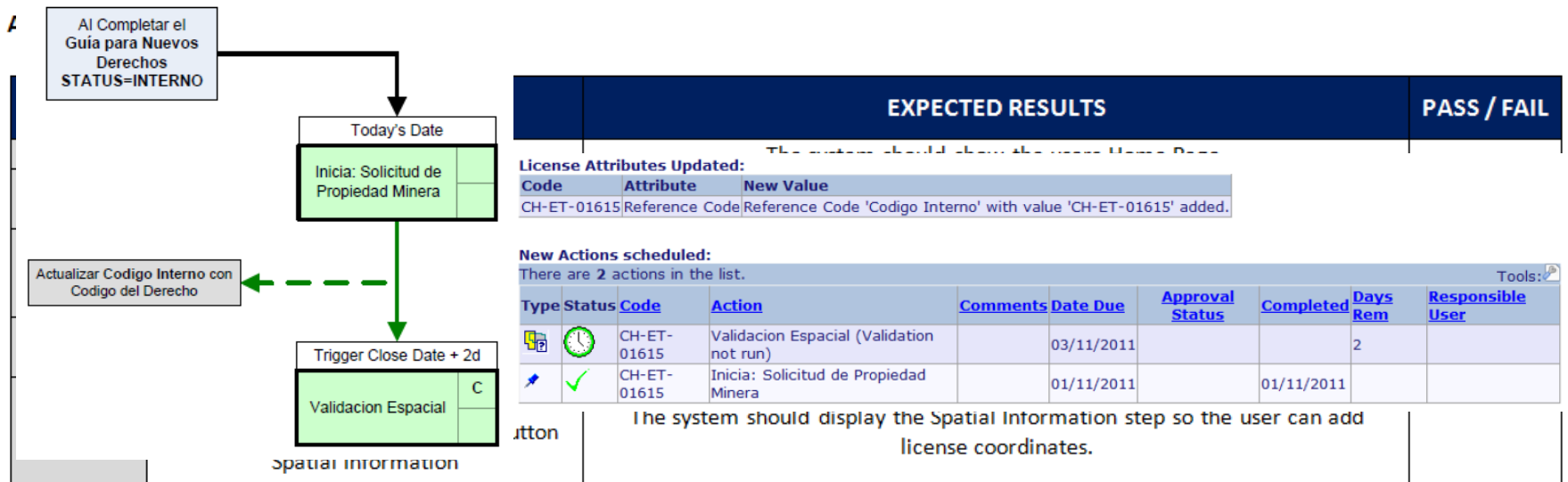
We make a Quality Control Plan that includes:

- Scripts to test generic system functionalities;
- Scripts to test client specific functionalities;
- Scripts to test internal business process, such as adding different license types into the system, recording a payment that has been done, etc;

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So the client usually has TWO options to chose from for Spatial Dimension to document our QC process for their implementation:

- A simplified QC testing using their own UAT scripts
- A more detailed QC testing using their workflow designs





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## BENEFITS OF A WELL STRUCTURED QA/QC PROCESS

- Accuracy of the internal and external processes
- Ensure the Stability of the system
- Increase of Productivity
- Reduces the risk of defects
- Greater certainty of *Project Success*



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**QUESTIONS ?**

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