

In this essay I will explain the 4 agile quadrants, system testing and exploratory testing.

## **The Agile Testing Quadrants**

The 4 agile quadrants is a way to plan tests. When to do them and what to test.

In the first quadrant you emphasize unit testing and component testing, meaning you will test the code and components of the product. They are run automatically and their purpose is to ensure quality.

In the second quadrant the focus is on prototypes, functional tests, examples and simulations. The point of these tests is to create value for the customer by creating tests with business value. They are both automated and manual.

The third quadrant is about testing business and critical components. Here you use exploratory testing, usability testing and user acceptance testing to ensure that the users can use the software. Here you can also demo with the user. These tests are manual.

In the fourth quadrant you test system performance. If it's a website you will test how many requests the site can handle and if it can securely handle requests.

## **Exploratory Testing**

Exploratory testing is a way of thinking where you test unprepared. You use this method to find errors that you would not usually find with normal testing methods.

## **System Testing**

System testing is about testing a system as a whole. You can only do these when the system is fully developed and ready to be deployed. You do this to ensure that the system lives up to the requirements set by the customer.