Create a test case and word document explaining how to use selenium GRID for parallel test case execution.

Selenium Grid comes with a concept of Hub and node.

The node sends the request to get connected with the hub and hub approves them with their port no.

The main motive is to conduct parallel testing, with different nodes.

The nodes can either use different type of browsers, or multiple browsers at a time, to test the application and check its performance.

The node can even have virtual machines to run the application in different operating system.

We must download the Selenium Grid Standalone from the official website.

Then we can start the Hub, through the CMD.

>>java -jar selenium-server-standalone-3.141.59.jar -role hub

After that, start the node, specifying the chrome driver and gecko driver.

>>java -jar -Dwebdriver.chrome.driver=C:\Selenium\driver\chrome\chromedriver.exe selenium-server-standalone-3.141.59.jar -role node -hub http://localhost:4444/grid/register

Then we can write our code and test it, using Junit.