# Selenium

# Functional

## Exploratory Testing

Exploratory testing means testing or exploring the application without following any schedules or procedures. While performing exploratory testing, testers do not follow any pattern and use their out of box thinking and diverse ideas to see how the application performs.

Following this process covers even the smallest part of the application and helps in finding more issues/bugs than in the normal test case testing process.

## Accessibility Testing

Accessibility testing is a form of usability testing where testing is performed to ensure that the application can be easily handled by people with disabilities like hearing, colour blindness, low visibility etc. In today’s scenario, the web has acquired the major place in our life in the form of e-commerce sites, e-learning, e-payments, etc.

Thus in order to grow better in life, everyone should be able to be a part of technology especially people with some disabilities.

Enlisted below are few types of software which helps and assist people with disabilities to use technology:

Speech recognition software

Screen reader software

Screen magnification software

Special keyboard

## Adhoc testing

Adhoc testing, usually known as random testing is a form of testing which does not follow any test case or requirement of the application. Adhoc testing is basically an unplanned activity where any part of the application is randomly checked to find defects.

In such cases, the defects encountered are very difficult to reproduce as no planned test cases are followed. Adhoc testing is usually performed when there is a limited time to perform elaborative testing.

## Testing Techniques

# Behavioral

How much time will you take to test anything in a new project?

How do you estimate time?

# Appium

# DB

# API

# Protractor

This is the framework used to test especially angular js based web applications. Selenium cannot identify few of the angular js elements like ng-repeater, ng-controller, ng-model etc. As Protractor is a NodeJS program which is written in JavaScript and runs with Node to identify the web elements in AngularJS applications, and it also uses WebDriver to control the browser with user actions.

Prerequisites for Protractor are Selenium and NPM(node.js)s