

# 📌 What is Exploratory Testing? (With Practical Example)



## ➤ Before We Start



### 📌 What Is Exploratory Testing?

#### ● No Title



#### 📌 [https://en.wikipedia.org/wiki/Exploratory\\_testing](https://en.wikipedia.org/wiki/Exploratory_testing)

- "a style of software testing that emphasizes the personal freedom and responsibility of the individual tester to continually optimize the quality of his/her work by treating test-related learning, test design, test execution, and test result

#### ● Explore the system while testing

#### 📌 It is used in Agile Models

- Discovery
- Investigation
- Learning

#### ● On the Fly Testing

#### 📌 No Testcases

- Test cases are determined during Testing

#### ● Focus on Exploring

#### ● No or less Requirements

#### ● Check the functionalists in Ad hoc manner

#### ● Objective is to find the bugs

#### ● It is an approach not technique

#### ● <https://www.atlassian.com/continuous-delivery/software-testing/exploratory-testing>

#### ● Exploratory testing is suited for specific testing scenarios, such as when someone needs to learn about a product or application quickly and provide rapid feedback.

### 📌 What Exploratory testing is Not

- It is not random or monkey testing

### 📌 How to do Exploratory Testing?

#### ● Prepare the notes

#### ● Time box

#### ● Learn, observe and then come up with new test cases

### 📌 Practical Example

#### ● <https://frontend.nopcommerce.com/>

#### ● They have search functionality

#### ● Size selection

#### ● Apparel selection

### 📌 Tools for Exploratory Testing

#### 📌 Bug Magnet

- <https://sdet.live/3PJP>

#### 📌 Video Recorder

- <https://sdet.live/3PJS>

#### 📌 Exploratory Testing Chrome Extension

- <https://sdet.live/3PJX>

#### 📌 SpiraCapture - Exploratory Testing Tool

- <https://sdet.live/3PJd>

#### 📌 TestRail

- <https://www.gurock.com/testrail/>

### 📌 Benefits and drawbacks

#### ● Less preparation is needed

#### ● Important bugs are found quickly

#### ● The approach tends to be more intellectually stimulating than execution of scripted tests

#### ● Deductive reasoning based on the results of previous results

#### ● Most bugs are discovered by some sort of exploratory testing

#### ● Disadvantages are that tests invented and performed on the fly can't be reviewed in advance

### 📌 Download the guides

#### 📌 Cem Kaner Guide

- <https://sdet.live/3V6m>