

# Harsh Agrawal

**Branch - CSE 2nd shift**

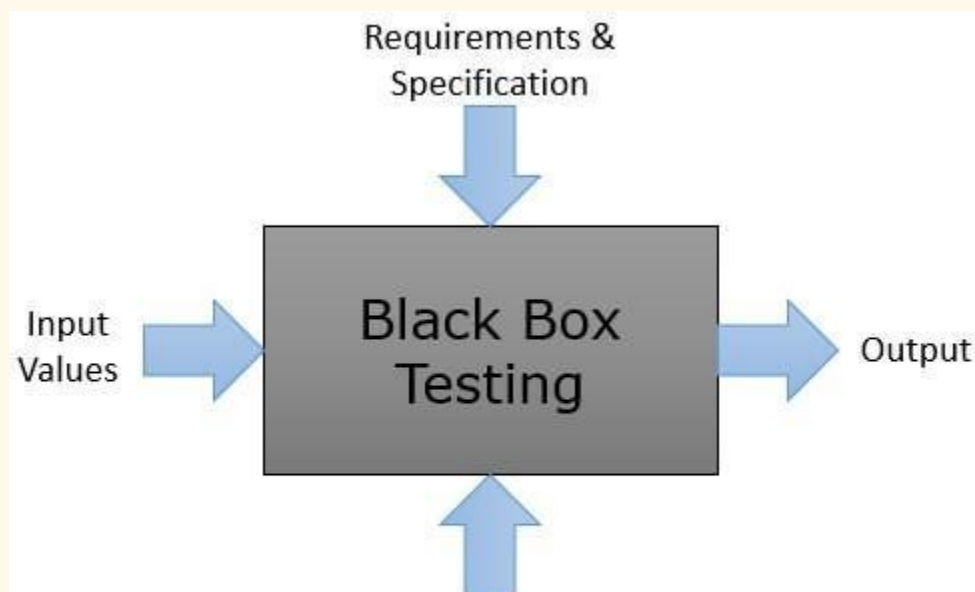
**Year - 3rd year (6th sem)**

**Roll no. - 43 (B2)**

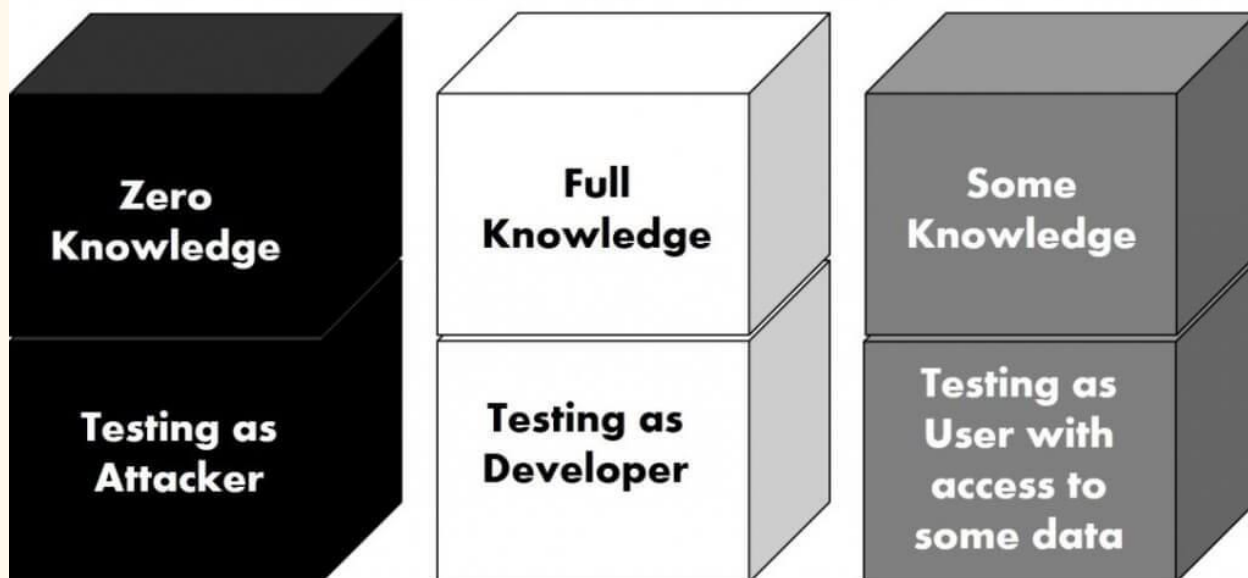
**Subject - SE Lab**

**Topic - Testing Practical**

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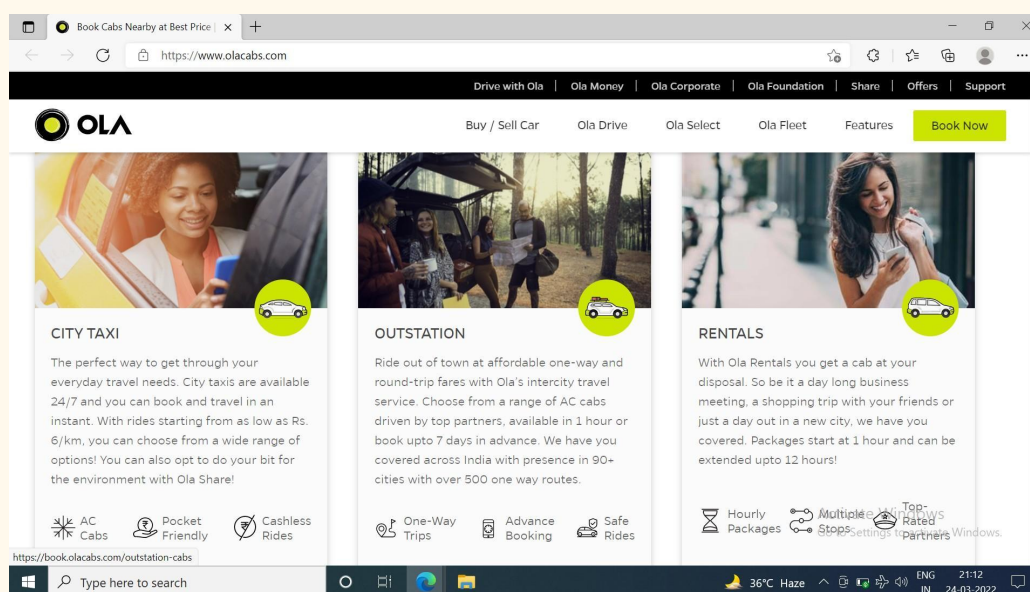
## Differences between Types of Penetration Testing

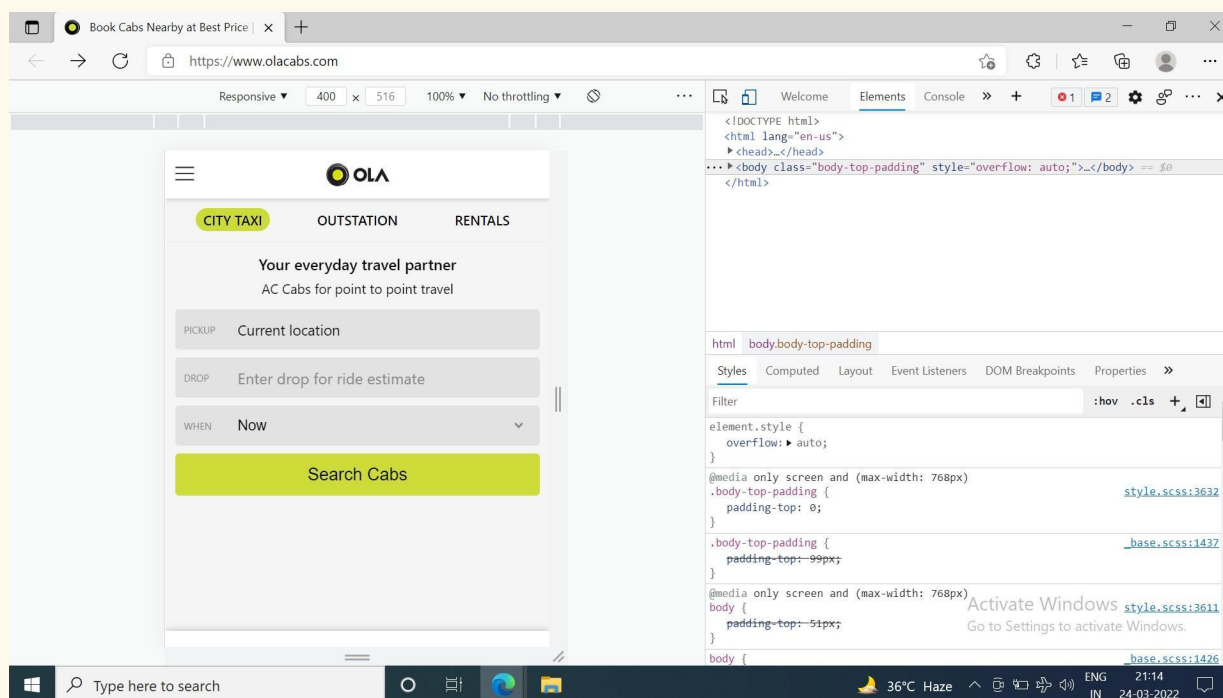
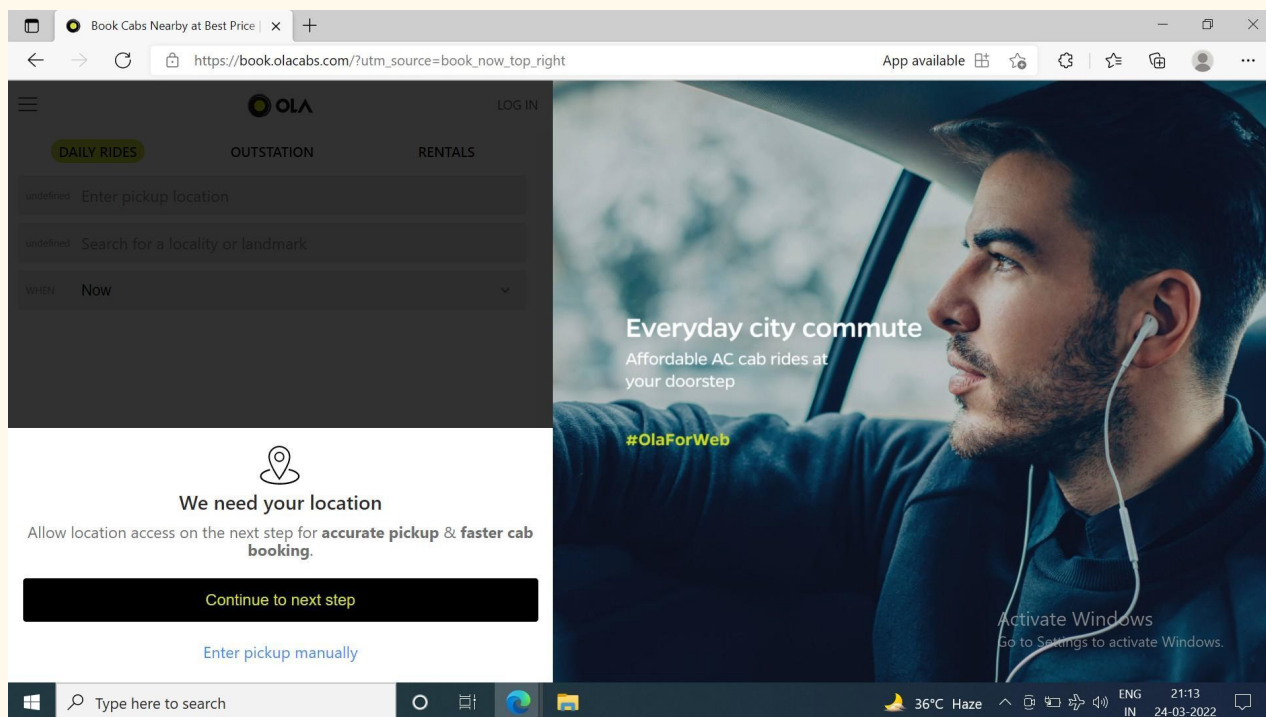


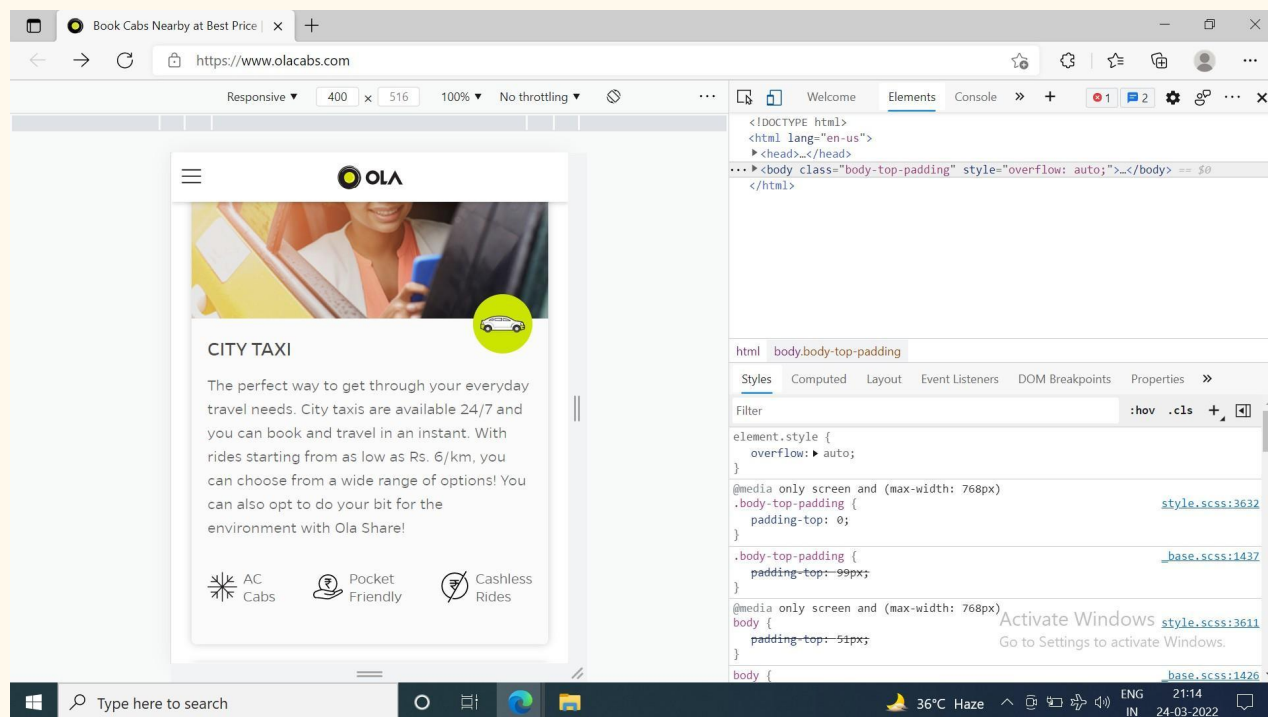
## Website functionality testing

### Website – ola

<https://www.olacabs.com/>







**Functional testing** is aimed to ensure that each function of the website operates in conformance with the requirement specification. Website testing of the functionality shows “What the system does”.

### Links test:

- Outbound links --- correct
- Internal links correctness --- correct
- There are no links leading to the same page -- yes in footer The links that are used to send emails to site admins --none If there are pages that are not referenced -- none
- There are no broken links -- no broken links

## Forms testing for all pages

- The input data validity -- yes in sign-in form it test validation Allowed values for the data field -- not allow for invalid input. Invalid input values for the data field -- not allowed
- Options for forms in which deletion or any other modification of data is possible - yes

## HTML/CSS validation

HTML syntax errors -- none

Verify the site is available for search machines -- yes works on all browsers verify your web page has an accurate site map in both XML and HTML format -- yes

## Navigation testing contains the next verifications:

- All pages of your site are understandable and easy to use -- yes Buttons, shapes, and fields are convenient for use -- yes
- There is an access to the Main menu from all pages -- no

## Content testing checklist:

There are no grammar and spelling mistakes -- yes

Images are placed properly with proper sizes -- yes

Verify optimization of the color palette of the site and font sizes --Yes

Content should be informative, understandable, structured and logically linked -- yes

Instructions are clear and contain correct information -- yes

## **User Interface (UI) testing**

- Compliance with the standards of graphical interfaces -- yes Design elements : layout, colors, fonts, font sizes, labels, text
- boxes, text formatting, captions, buttons, lists, icons, links
  - Testing with different screen resolutions -- compatible on all sizes Testing of localized versions: accuracy of translation (multi
- language, multicurrency), checking the length of names of interface elements, etc. -- no only english
  - Testing the graphical user interface on target devices: all devices.

## **Cross-platform testing**

Allows evaluating the work of your site in different OS (both desktop and mobile): Windows, iOS/Mac OS, Linux, Android, and BlackBerry etc.

## **Cross-browser website testing**

Methods help to verify the correct work of the site in different browser configurations: Mozilla Firefox, Google Chrome, Internet Explorer, and Opera etc.