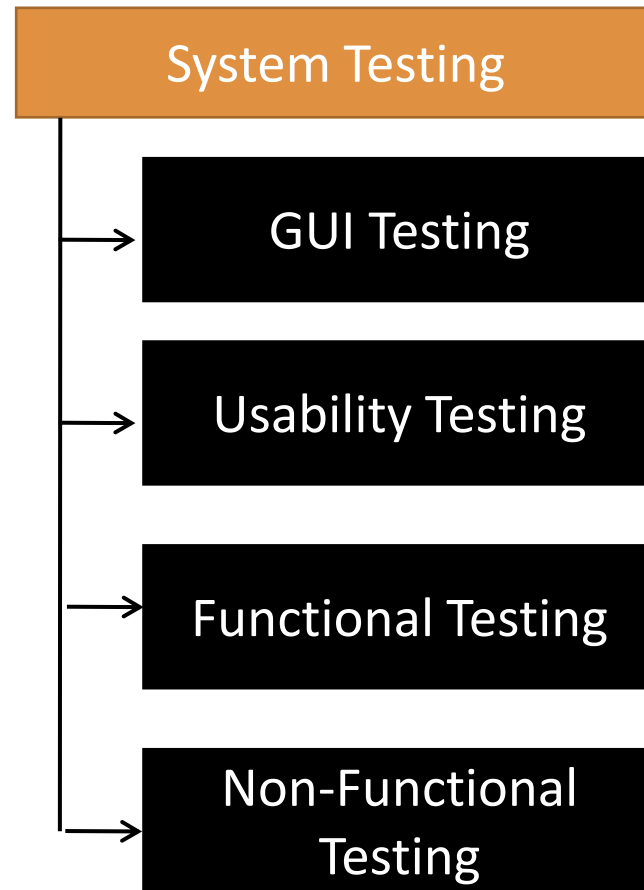


# Manual Testing Session-4

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# System Testing Types

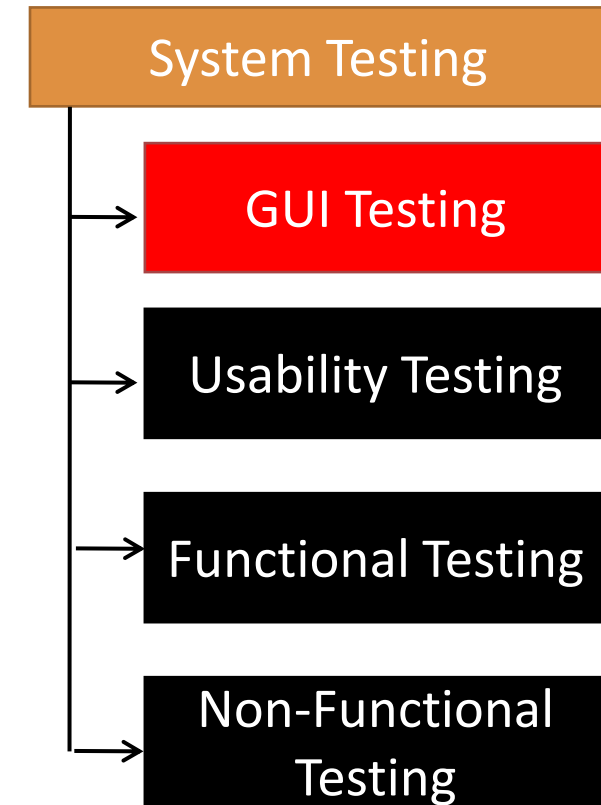
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# What is GUI Testing?

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- **Graphical User-interface Testing** or **GUI testing** is a process of **testing** the user interface of an application.
- A **graphical user interface** includes all the elements such as menus, checkbox, buttons, colors, fonts, sizes, icons, content, and images.



# GUI Testing Checklist

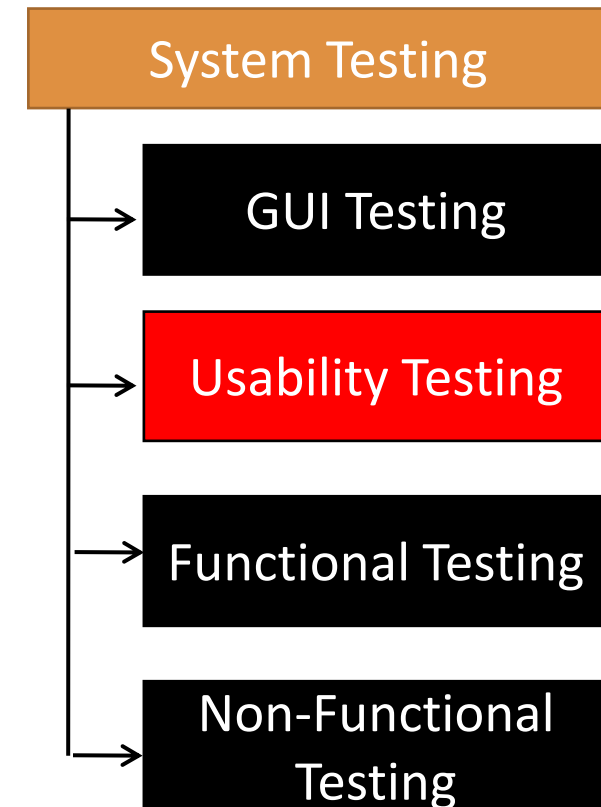
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- Testing the size, position, width, height of the elements.
- Testing of the error messages that are getting displayed.
- Testing the different sections of the screen.
- Testing of the font whether it is readable or not.
- Testing of the screen in different resolutions with the help of zooming in and zooming out.
- Testing the alignment of the texts and other elements like icons, buttons, etc. are in proper place or not.
- Testing the colors of the fonts.
- Testing whether the image has good clarity or not.
- Testing the alignment of the images.
- Testing of the spelling.
- The user must not get frustrated while using the system interface.
- Testing whether the interface is attractive or not.
- Testing of the scrollbars according to the size of the page if any.
- Testing of the disabled fields if any.
- Testing of the size of the images.
- Testing of the headings whether it is properly aligned or not.
- Testing of the color of the hyperlink.
- Testing UI Elements like button, textbox, text area, check box, radio buttons, drop downs ,links etc.

# Usability Testing

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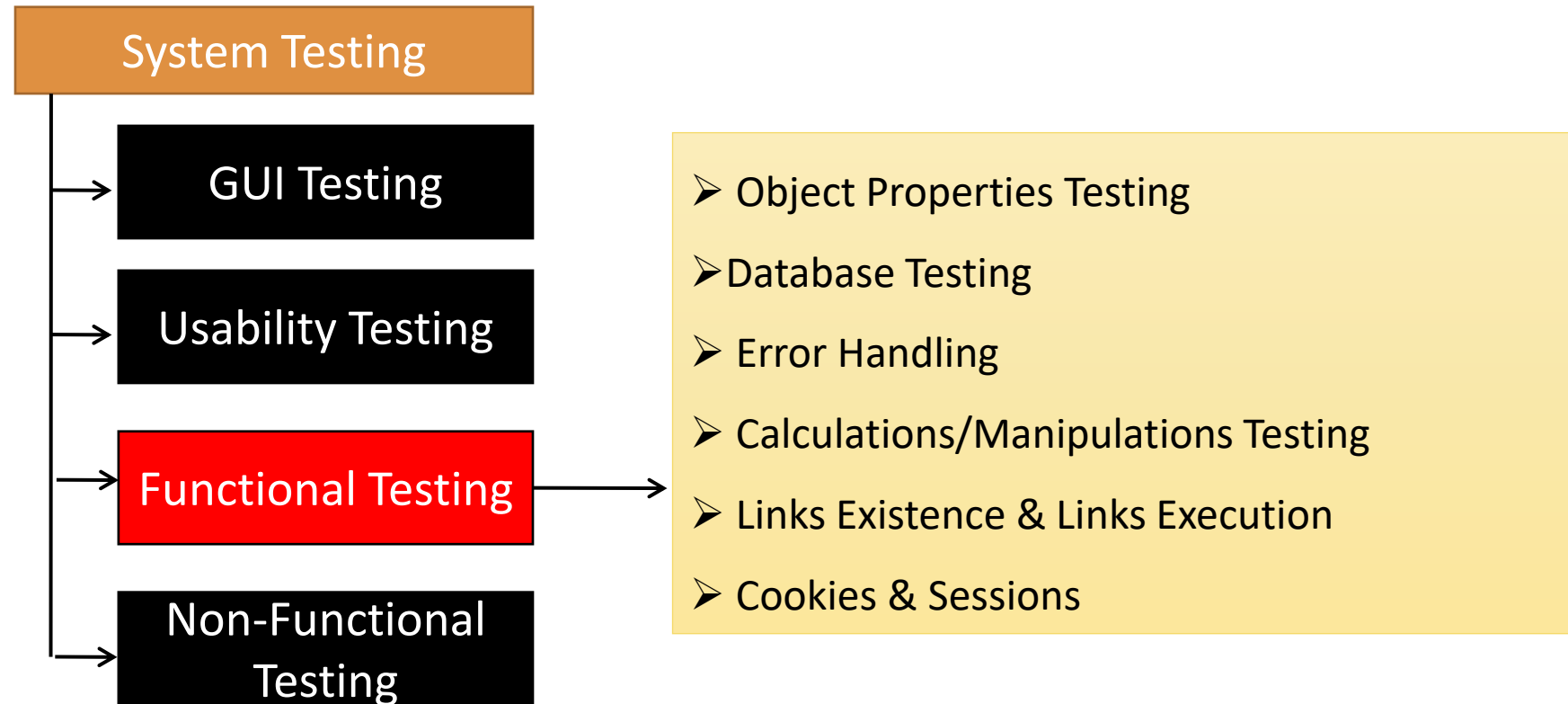
- During this testing validates application provided context sensitive help or not to the user.
- Checks how easily the end users are able to understand and operate the application is called usability testing.



# Functional Testing

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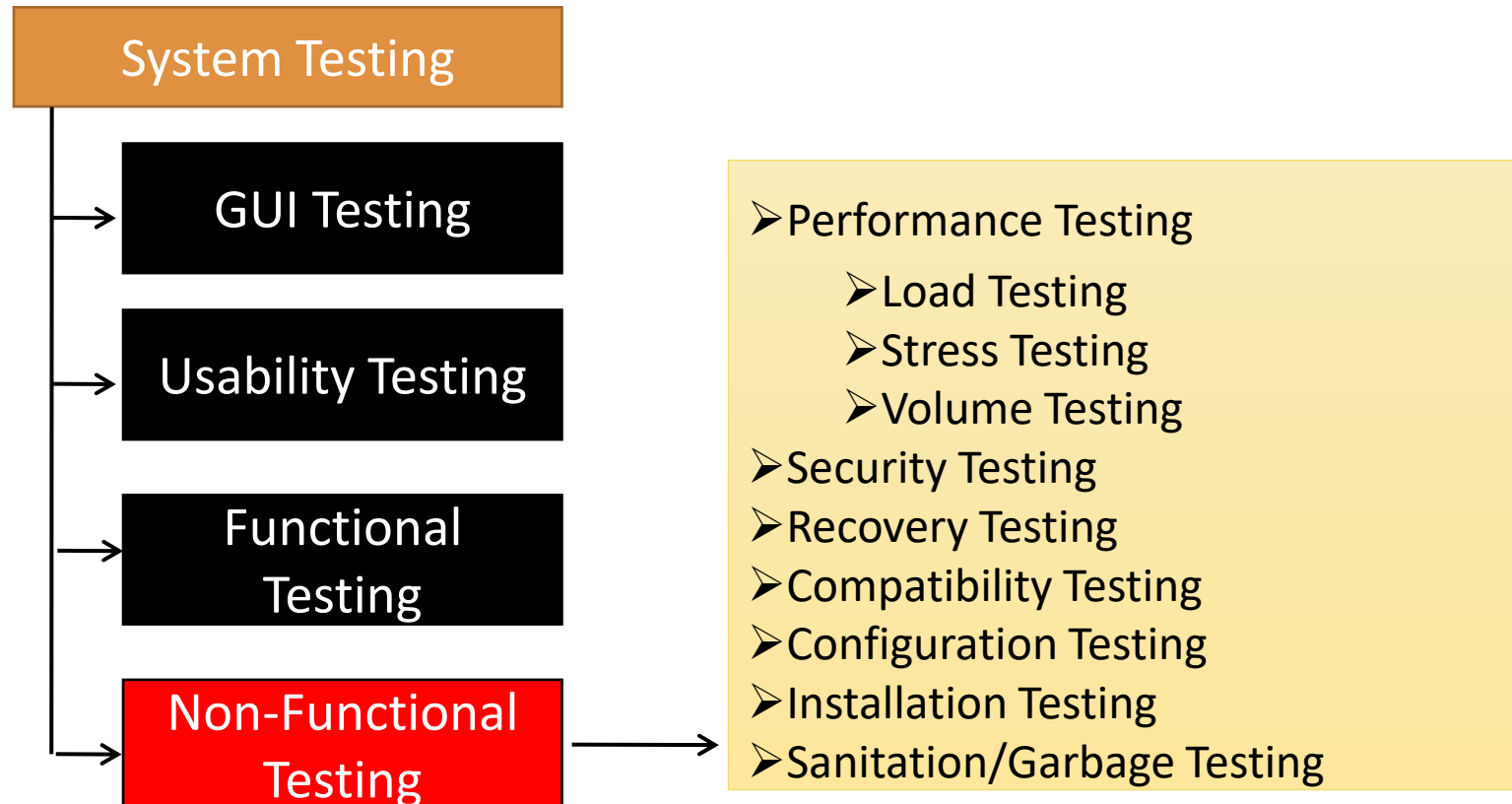
- Functionality is nothing but behavior of application.
- Functional testing talks about how your feature should work.



# Non-Functional Testing

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- Once the application functionality is stable then we do Non-Functional testing.
- Focus on performance, load it can take and security etc.



# Functional Testing Vs Non-Functional Testing

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## Functional Testing

- Validates functionality of Software.
- Functionality describes what software does.
- Concentrates on user requirement.
- Functional testing takes place before Non-functional testing.

## Non-functional Testing

- Verify the performance, security, reliability of the software.
- Non-Functionality describes how software works.
- Concentrates on user expectation.
- Non-Functional testing performed after finishing Functional testing.