SQL

Structured Query Language (SQL) is a standardized programming language that is used to manage relational databases and perform various operations on the data in them.

Types of SQL Statements

• Data Definition Language (DDL) Statements.
• Data Manipulation Language (DML) Statements.
• Transaction Control Statements.
• Session Control Statements.
• System Control Statement.
• Embedded SQL Statements.

Testing Types

UI - User Inderface Testing

UI refers to the screens, buttons, toggles, icons, and other visual elements that you interact with when using a website, app, or other electronic device.

UX - User Experience

UX refers to the entire interaction you have with a product, including how you feel about the interaction

End-to-end testing

End-to-end testing is a methodology that assesses the working order of a complex product in a start-to-finish process. End-to-end testing verifies that all components of a system are able to run and perform optimally under real-world scenarios.

End TO End Testing

End-to-end testing is a methodology that assesses the working order of a complex product in a start-to-finish process. End-to-end testing verifies that all components of a system are able to run and perform optimally under real-world scenarios.

Difference between end to end testing and system testing

In system testing, whole software or application is tested at a time.
In end-to-end testing, behavioral flow of the software is tested.
System testing only tests the specific software system. end-to-end tests the software system and the connected systems both.

Difference between end to end testing and integration testing

End to End: A helper robot that behaves like a user to click around the app and verify that it functions correctly. Sometimes called "functional testing" or e2e.

Integration: Verify that several units work together in harmony.

Unit: Verify that individual, isolated parts work as expected.

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