RESOURCES FOR LEARNING QA

approved by NIX QA experts

GENERAL SOFTWARE TESTING THEORY

Study topics:

1. Software development methodologies
2. Definition of testing: its goals, objectives and principles
3. Types of software testing
4. Concept of a defect
5. Test documentation
6. Features of testing web, mobile and desktop applications

Books that may help you:

● Cem Kaner, James Bach, Bret Pettichord
  "Lessons Learned in Software Testing"

● Rex Black
  "Critical Testing Processes: Plan, Prepare, Perform, Perfect"
● Robert Culbertson, Chris Brown, Gary Cobb
  "Rapid Testing"

Youtube channels:

● Edureka - Software Testing Full Course

Web portals:

- Basic concepts from [IBM](#)
- [Collection](#) of important and useful materials
- ISTQB [glossary](#)
- [Storehouse of important and useful knowledge](#)
- An interesting [blog](#) to pump your knowledge

Additional materials

- [Software development methodologies](#)
- [Testing principles](#)
- [Web Application Testing Checklist](#)
- [Mobie application types](#) and features of their testing [here](#) and [here](#)
- [How to Report Bugs Effectively](#)
- [The cost of error](#)
- [Testing using a pen example](#)

TECHNICAL BACKGROUND

Study topics

- Basics of HTML, CSS, XML, JSON

Theory

- [HTML](#) for beginners
- HTML, CSS, XML, JSON, SQL [Tutorials](#)
- [What is XML](#)
- [JSON: basics of usage](#)

Practical materials

- [HTML](#) and [CSS](#) interactive learning

Working with the console in browsers

- [Chrome DevTools](#)
- [Overview](#) of the main Chrome DevTools opportunities

Client–server model

- Client–server model for dummies [– Youtube](#)
- Computer networks. [Training course](#)
- [REST API](#) understandable explanation

Data transfer protocol

- Protocol [HTTP](#) - basics

Working with cache and cookies

- [Difference between cache and cookies](#)

Databases

- [SQL interactive learning](#)

Additional materials

- [UI controls](#)
- [JSON и XML. What is better?](#)

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