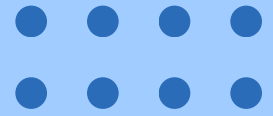


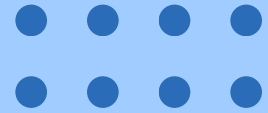
QUALITY ASSURANCE (QA)



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• DIFFERENT TYPES OF SOFTWARE TESTING?

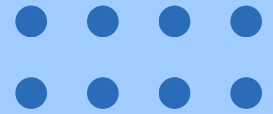


- UNIT TESTING
- INTEGRATION TESTING AND REGRESSION TESTING
- SHAKEOUT TESTING
- SMOKE TESTING
- FUNCTIONAL TESTING
- PERFORMANCE TESTING
- WHITE BOX AND BLACK BOX TESTING
- ALPHA AND BETA TESTING
- LOAD TESTING AND STRESS TESTING
- SYSTEM TESTING



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• CONTENTS OF TEST PLANS AND TEST CASES

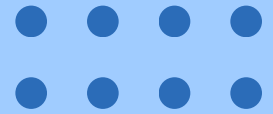


- TESTING OBJECTIVES
- TESTING SCOPE
- TESTING THE FRAME
- THE ENVIRONMENT
- REASON FOR TESTING
- THE CRITERIA FOR ENTRANCE AND EXIT
- DELIVERABLES
- RISK FACTORS



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• TOOLS USED BY A TESTER WHILE TESTING



- **SELENIUM**
- **FIREBUG**
- **OPENSTA**
- **WINSCP**
- **YSLOW FOR FIREBUG**
- **WEB DEVELOPER TOOLBAR FOR FIREFOX**

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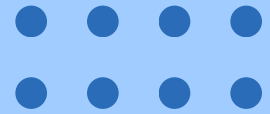
• TYPES OF DOCUMENTS IN SQA ::::

- REQUIREMENT DOCUMENT
- TEST METRICS
- TEST CASES AND TEST PLAN
- TASK DISTRIBUTION FLOW CHART
- TRANSACTION MIX
- USER PROFILES
- TEST LOG
- USER PROFILES
- TEST INCIDENT REPORT
- TEST SUMMARY REPORT



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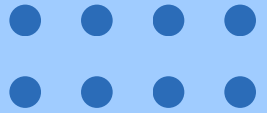
• SOFTWARE QA DOCUMENT SHOULD INCLUDE



- SPECIFICATIONS
- DESIGNS
- BUSINESS RULES
- CONFIGURATIONS
- CODE CHANGES
- TEST PLANS
- TEST CASES
- BUG REPORTS
- USER MANUALS, ETC



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