

Some Classic Testing Mistakes

| Believing the primary objective of system testing is to find bugs

- Test must concentrate on finding important problems
- Test must provide an estimate of system quality

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| Not focusing on usability issues

| Starting too late

- Test must help development avoid problems

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Some Classic Testing Mistakes



| Delaying stress and performance testing until the end

| Not testing the documentation *[customer]*

| Not staffing the test team with domain experts

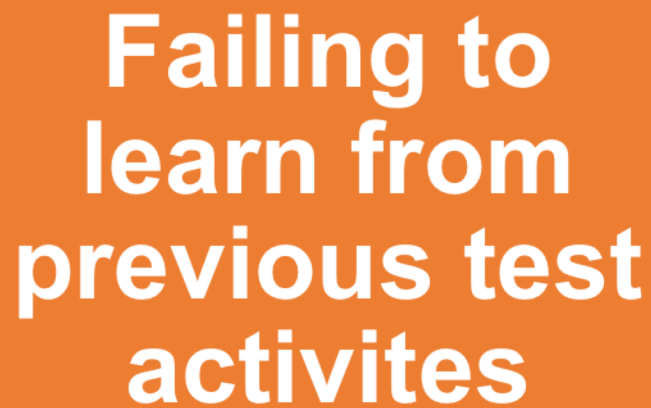
| Not communicating well with developers

| Failing to adequately document and review test designs

Some Classic Testing Mistakes



**Being
inflexible
with the test
plan**



**Failing to
learn from
previous test
activities**

Best Testing Practices



| **Assess software reliability via statistical testing**

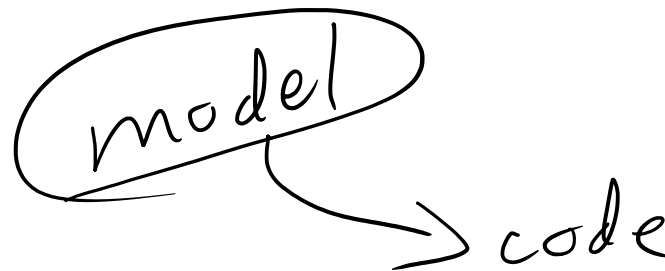
| **Develop an agile test design**

- Accommodate late changes ✓
- Emphasis on regression testing ✓

| **Utilize model-based testing techniques**

- State diagrams ✓

| **Develop cross-functional development and test teams**



Best Testing Practices

