QUALITY ASSURANCE

with some pictures.

Finding bugs and reporting them.

GREAT
QUALITY ASSURANCE

Finding bugs, reporting them, and making sure they don’t happen again.

BUT REAL QUALITY ASSURANCE

Process to ensure Requirements == End Product

Agile Waterfalls.

I’m not going to talk about development methodology.

If you are agile...

feeling lean...

or chasing waterfalls...

good QA principles apply.

The First + Only Rule.

QA is easy.

...if you are Bill Murray in Groundhog Day.

Change happens.

Good principles don’t.

Adapt.

What you need to know
and should probably write down.

- **Success**
- **Failure**
- **Risk**
- **Plan**

Know what success looks like.

Successful Fire Alarm?

What if you are deaf?

Success isn’t always the same.

But it should be...

Measurable.

Testable.

Clearly Defined.

Documented Success Metrics.

- Functional Requirements
- Industry Standards
- Accessibility Standards
- Business Requirements
- Technical Specifications

Know where you have failed before.

Gorgeous Apple Product?

Learn from your mistakes.

Learn from other’s mistakes.

Don’t make the same mistake twice.

Test to weakness.

Write your mistakes down.

Know your risks.

Not all risk is bad.

If I don't take this risk

But always give it appropriate side-eye.

Fred Ex.

Know what you are risking.

Mitigate.

Spoiler:

Success + Failure + Risk == Test Criteria

Know your plan.

How are you going to test each requirement?

What are your milestones?

Correlate.

Identify problems early.

Minimize client exposure.

Put it all together.

Congrats.

You have something wildly similar to a Requirements Traceability Matrix and a bit of a schedule.

All that is left is the hard work.

FASTSPOT TESTING & REVIEWS

So* many** tests***.

*Names have been changed to keep slides interesting and to minimize the use of the following words: ‘Test’, ‘Review’, ‘Verification’, and ‘Confirmation’.

**Tests have been grouped together for simplification and to minimize the use of the following words: ‘Test’, ‘Review’, ‘Verification’, and ‘Confirmation’.

***Not all tests are represented here because of limited time to discuss the following words: ‘Test’, ‘Review’, ‘Verification’, and ‘Confirmation’ .

The Gauntlet.

The Builder.

The Expert.

The Stranger.

The Details.

Great!
We are done, right?

Regression.

Share it.

There will be lessons learned.

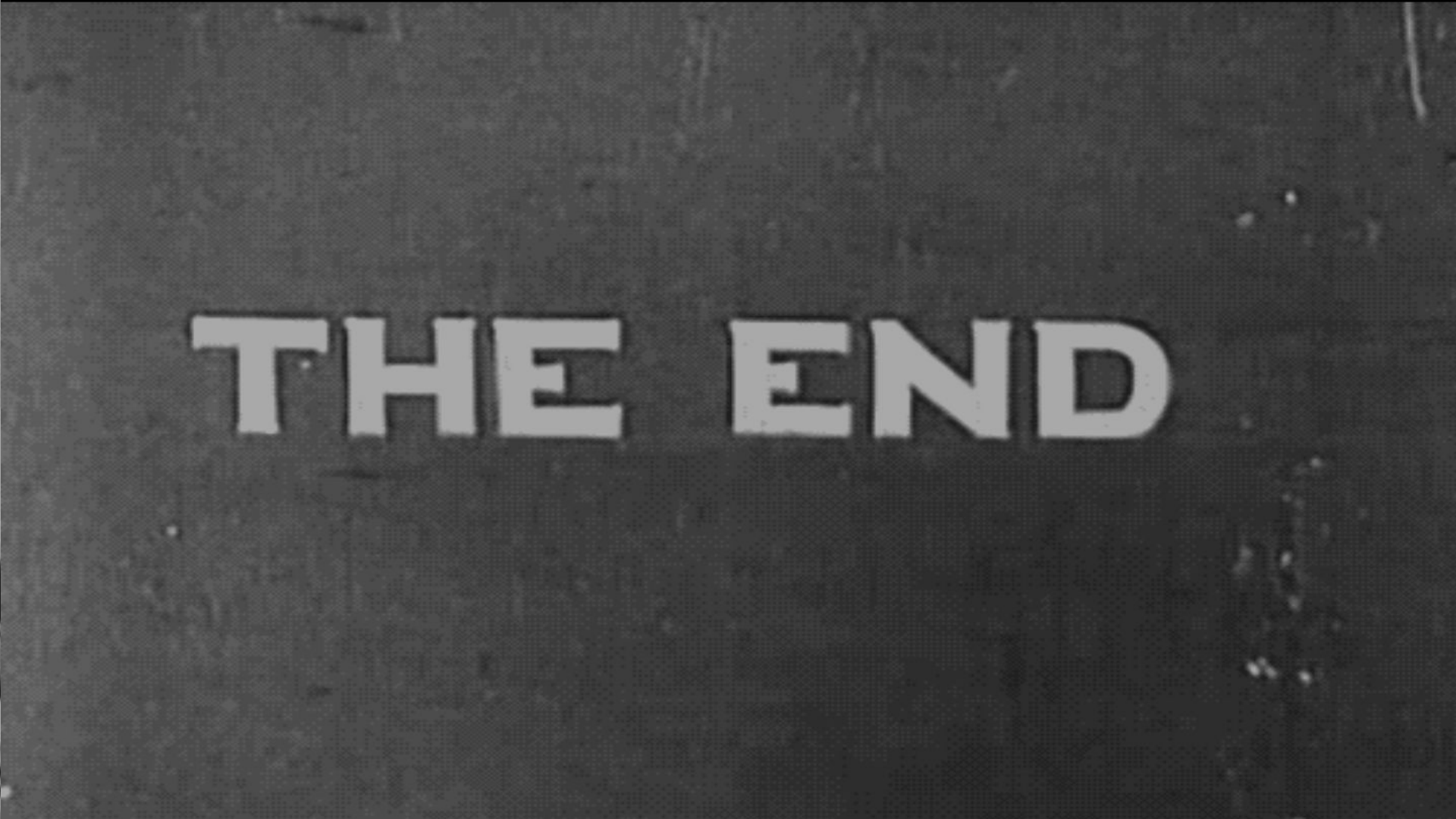
Today’s lessons will inform tomorrow’s:

Success.

Failure.

Risk.

Plan.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