Testing & Quality Management

02.12.2021

M-Lab 2021/2022

Introduction

Why do we need to test

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Why do we need to test

Testing Strategy

Test Driven Development (TDD)

- Reduce Bugs
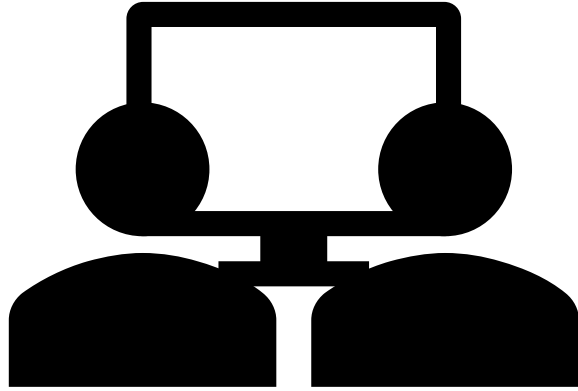- Simplify Code
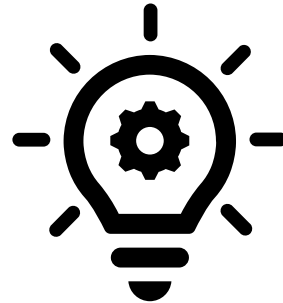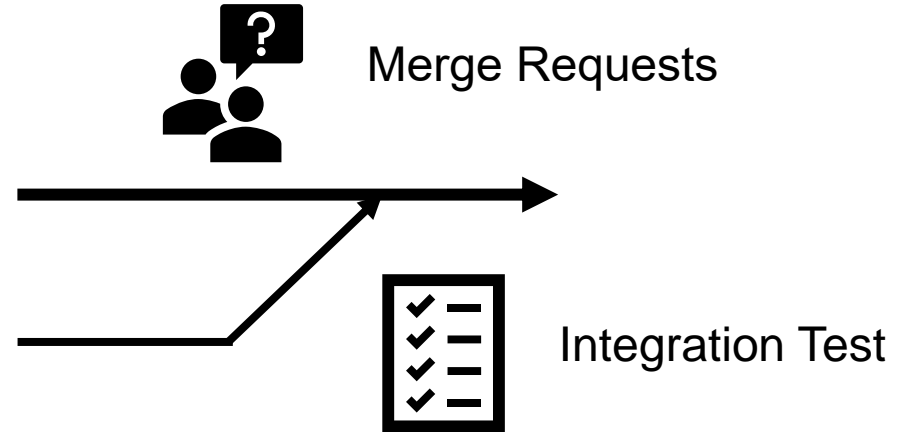- Developing Widely Usable Software
…

Test After Development (TAD)

- Overengineering
- Writing Tests After Code
- Fast Results

Proper Implementation < Fast Implementation

Quality Management

Pair Programming

Merge Requests

Integration Test

Best Practice
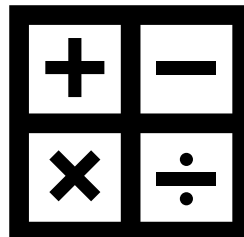
Quality

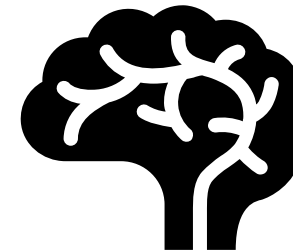## What are our standards?

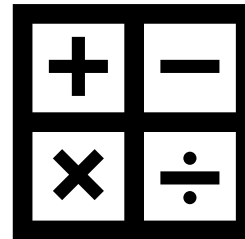- Requirements document

UI

Functions

Logic

UI

- Visual Regression Test
- Unit Tests

Functions

- Widget Tests
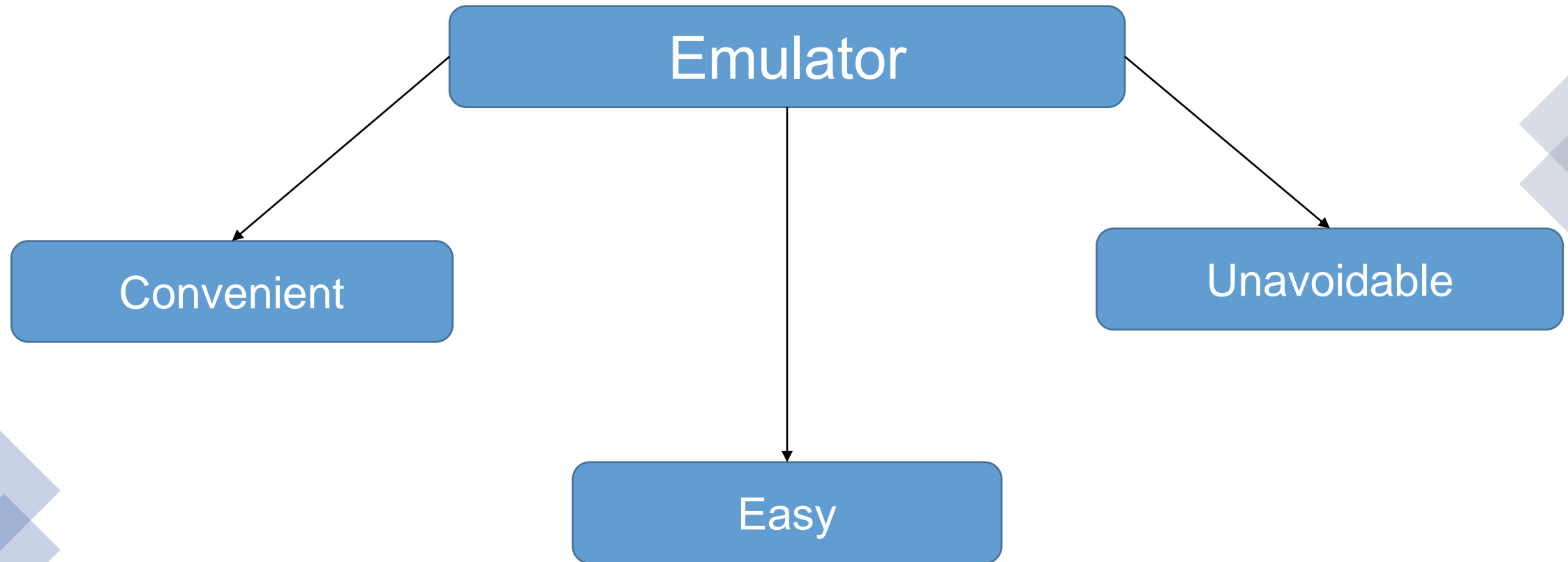
Logic

- Widget Tests
- Integration Tests
- Manual (Monkey) Testing

Mobile Testing

Emulator

Convenient

Unavoidable

Easy

What's the takeaway?

- Lots of ways to ensure quality
- Testing is no priority