Testing Our Application's Architecture

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ARCHITECT

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Agenda

Unit testing one-on-one

Testing the view models

Testing the services

Unit Testing One-on-one

A unit test is an automated piece of code that invokes a unit of work in the system and then checks a single assumption about the behavior of that unit of work.

From The Art of Unit Testing, Roy Osherove

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Unit Tests

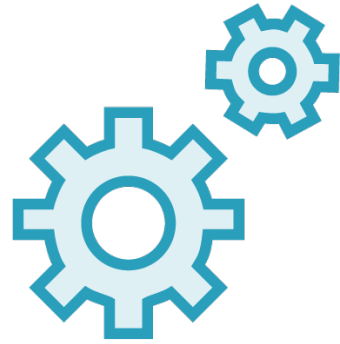|		
Piece of code	**Public API**	**Runs in isolation and independently**
Consistent results	**Can be automated**	**Fast & reliable**

Why Do We Need Unit Tests?

Find bugs

Change without fear of breaking something

Improve quality

Documentation of the code

Demo

Testing the View Models

Demo

Testing the Services

Summary

Architecture can easily be tested

Unit tests improve our code quality

Congratulations
on finishing this course!