

Unit Testing Using PHPUnit

UNDERSTANDING THE ROLE OF UNIT TESTS



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TESTING AND LEGACY EXPERT

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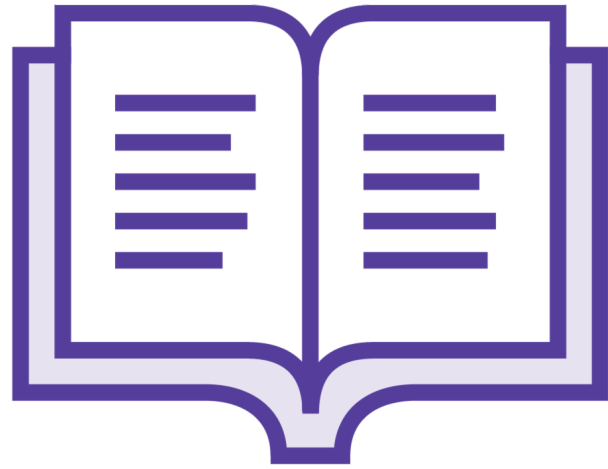
Summary

Problems with manual tests

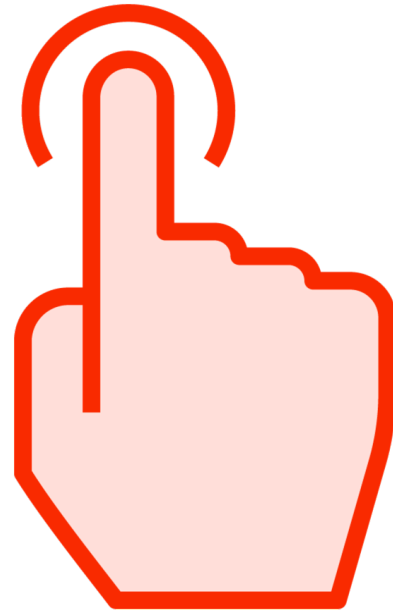
How to automate tests

What is a unit test

Other types of tests



**Clarifying
requirements**



Manual tests



Fixing code



**Dealing with
production bugs**

ALL



FILTER

DATE

NAME

ARTIST

PRICE



1/11/2021
4:22 PM

Alexander Lemtov Live

Alexander Lemtov

\$65

PURCHASE DETAILS




3/11/2021
4:22 PM

To the Moon and Back


Santiago Martinez

\$135

PURCHASE DETAILS





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0 TICKETS

ALL


FILTER


	DATE	NAME	ARTIST	PRICE	
	1/11/2021 4:22 PM	Alexander Lemtov Live	Alexander Lemtov	\$65	<div>PURCHASE DETAILS</div>
	3/11/2021 4:22 PM	To the Moon and Back	Santiago Martinez	\$135	<div>PURCHASE DETAILS</div>

Make mistakes

Miss details



Slow and impractical

LOBOTICKET
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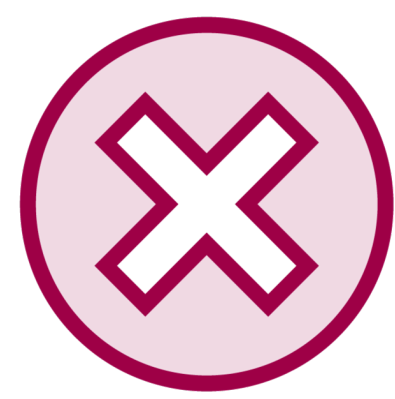
 0 TICKETS

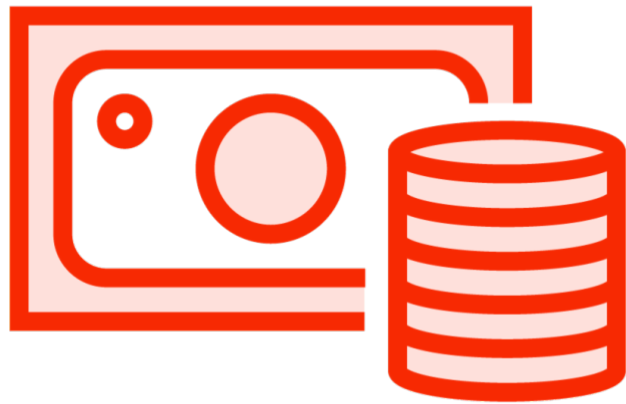
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FILTER

	DATE	NAME	ARTIST	PRICE	
	1/11/2021 4:22 PM	Alexander Lemtov Live	Alexander Lemtov	\$65	<div>PURCHASE DETAILS</div>
	3/11/2021 4:22 PM	To the Moon and Back	Santiago Martinez	\$135	<div>PURCHASE DETAILS</div>





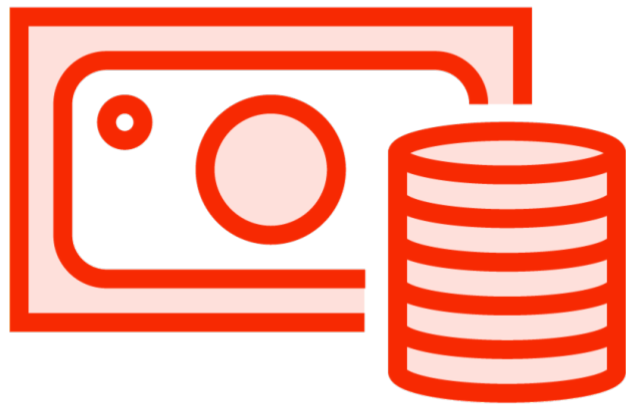


Ticket price



Taxes

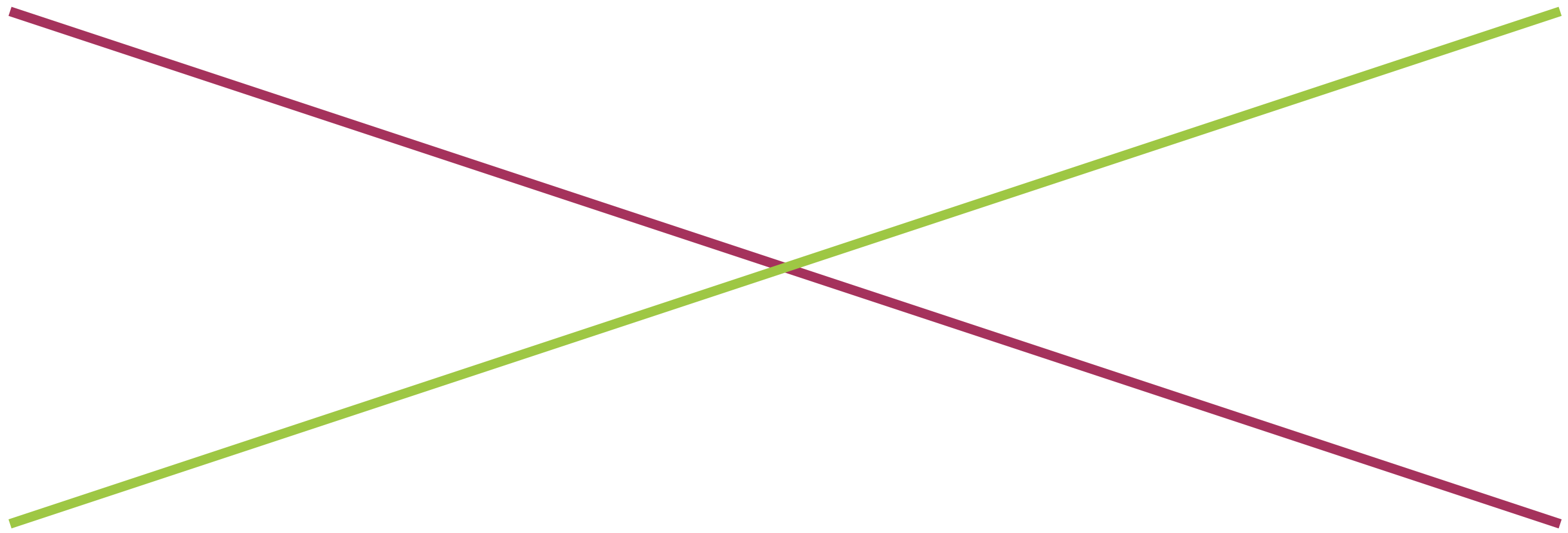
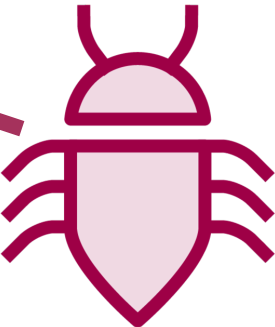
Regression

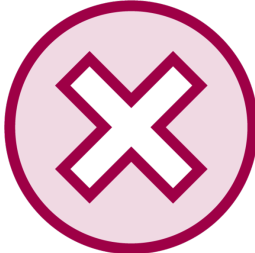


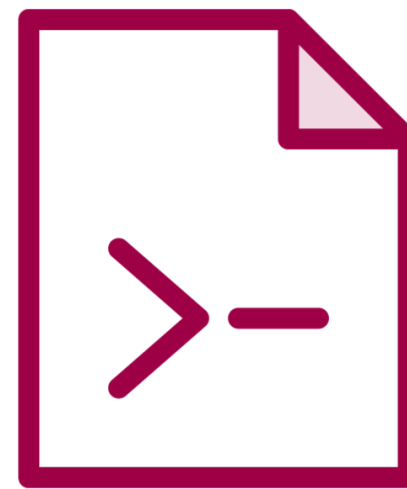
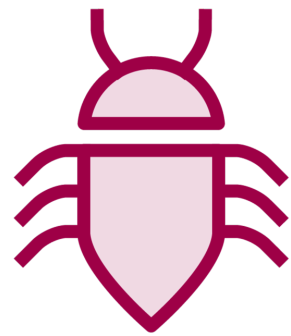
Ticket price



Taxes



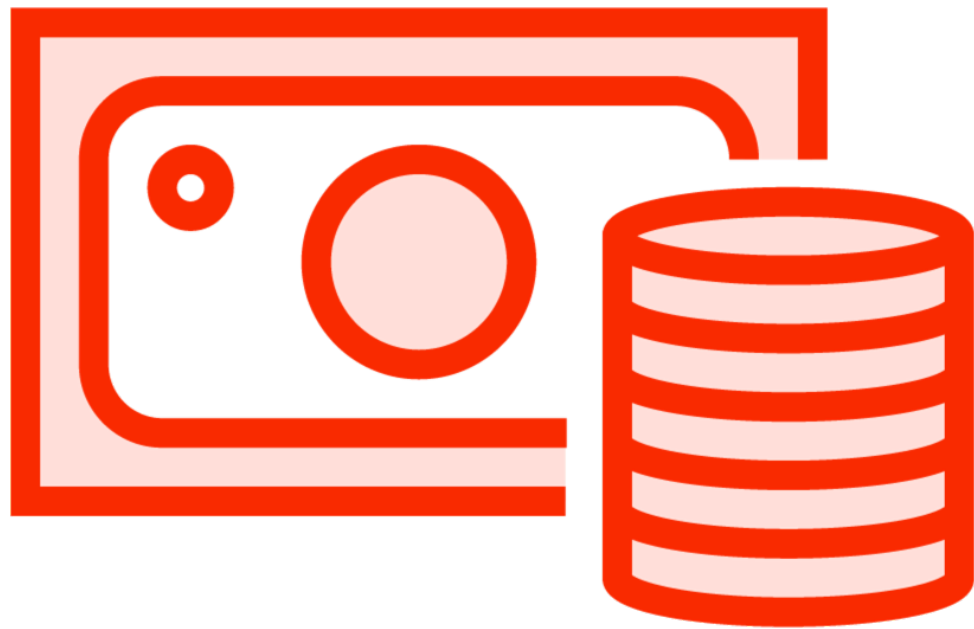






Unit Tests





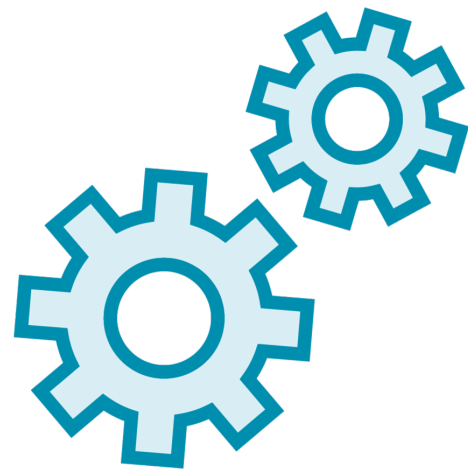
Cost + markup - discounts
Price cannot be below cost


```
public function getCost()
```

```
public function getMarkup()
```

```
public function getDiscounts()
```

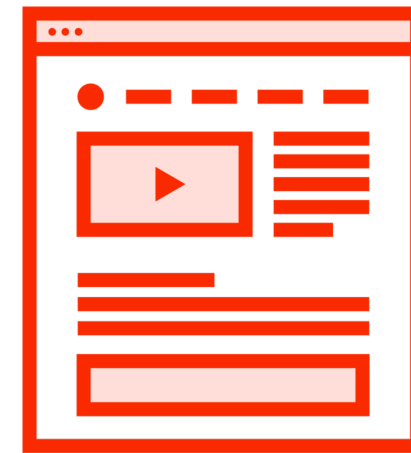
```
public function getPrice()
```



Integration



Unit



Acceptance

Up Next:
PHPUnit Basics
