P.EASY - PLATFORM EASY: WIZARD OF BILLING TEST
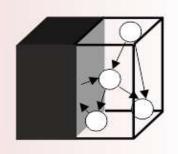
TURKCELL

TEAM

Aslı KARATAY KOÇAK

Özden DENİZ

Neslihan KUKUT YAYLICIOĞLU

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Who we are ?

Turkcell NYSE (New York Stock Exchange) to the only Turkish company listed on

3rd biggest company in Europe with 35,1 million Subscriber

Board member of ITEA2

69.2 million Subscriber with Turkcell Grup

Turkcell Group

TURKCELL GROUP: **REGIONAL LEADER**

TURKCELL GROUP	Subscribers (mn)	Market Position
Turkcell Turkey	35.1	#1
Turkcell Superonline (fiber broadband)	0.4	#1
Kazakhstan*	13.5	#1
Azerbaijan*	4.4	#1
Georgia*	2.1	#1
Northern Cyprus	0.4	#1
Moldova*	1.3	#2
Ukraine	11.1	#3
Belarus	1.1	#3
Germany	0.3	-

9 countries

69.2 million mobile subscribers

Leadership in the region

TURKCELL

Testing Life in Turkcell

Is a technology research and development

Approximately 200 test engineer

Adopting the quality focus

The code quality in a 97%

The Testing Life Before Peasy

Test Environment Before Peasy!

- Using low-capacity server
- Inadequacy in testing data
- Billing Period
- The inability of test automation
- The incapability of realizing performance test

Testing Problems Before Peasy!

- Long time to meet the demands
- Much effort in developing and testing
- Long duration of time to market
- Dissatisfaction of customer
- Inadequate time of UAT test

What's Peasy?

- Own coding language,
- Flow structure,
- Flow trace feature,
- To dump data flow into unix files,
- To log input-output on flow basis,
- Parametric TPS on the flow.

What's Peasy?

- Debugging feature,
- Report structure,
- The oppurtunity of running performance tests,
- Visual and user-friendly screens,
- Memory management ,
- Data mediation,
- Flow pause feature .

Peasy Video

The Testing Life After Peasy

Test Environments After Peasy

- Servers with low capactiy
- 23% increase in test data layout
- Performing test automation
- Performing load tests

Gains in Test after Peasy

- Decrease in production defect ratio
- Reduction in Person/Day cost via test automation
- Customer satisfaction
- Improvement in product developement duration.

RESULT

	Before Peasy	After Peasy
Production Defect	20	15 %
Person/Day Cost	21	19 %
Development Duration	6	5 %
Test Data Layout	20	23 %
Test Defect	5	10 %