HEISENBUG

TEST MANAGEMENT SYSTEM в ГИБКОЙ команде

Помошник твоей мечты

IGG

ИГОРЬ ГОЛЬДШМИДТ

QUALITY GUY moovit

- Testing Geek & Quality Freak
- Speaker
- Blogger
- Israel Testing Champion 2018
- Mentor / Consulter / Coacher

IGG

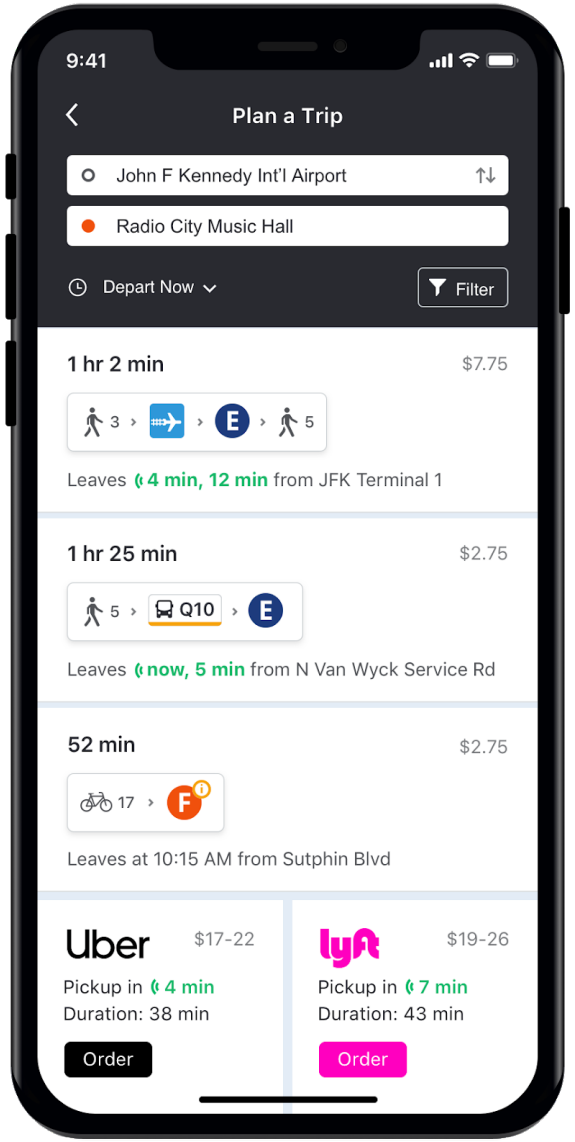
moovit

910M users across all platforms

45 languages

3,400 cities across **112** countries

6B anonymous data points



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Данный доклад выражает
субъективное мнение автора,
основанное на опыте,
исследованиях и обработке этих данных его мозгом.
И ни в коем случае не является истиной.

ВАЛЕРА

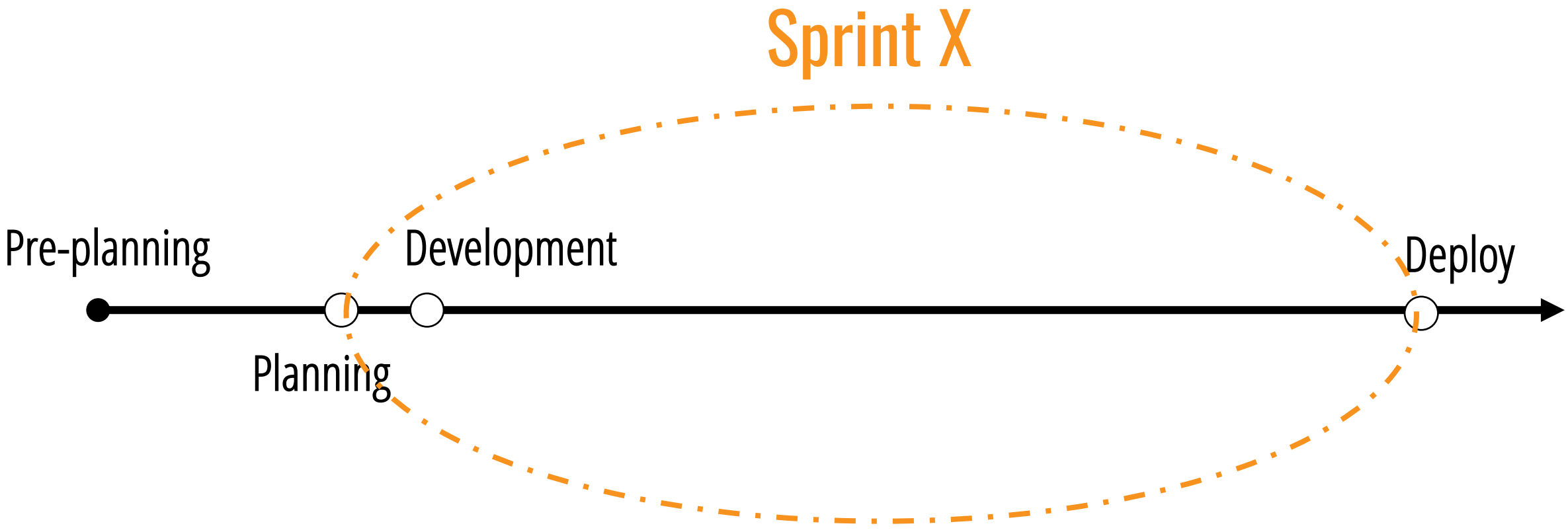
Тест/QA - щик

С ОПЫТОМ

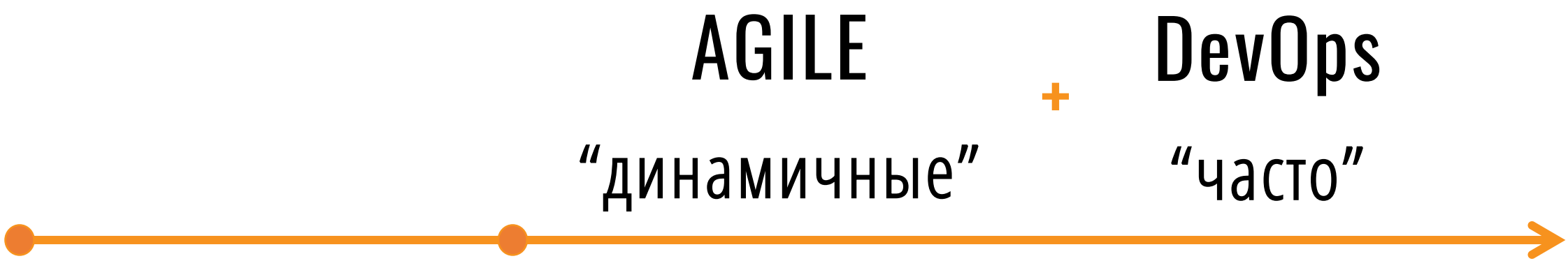
Глава 1

ВЫЗОВЫ AGILE ТЕСТИРОВАНИЯ

AGILE DEVELOPMENT

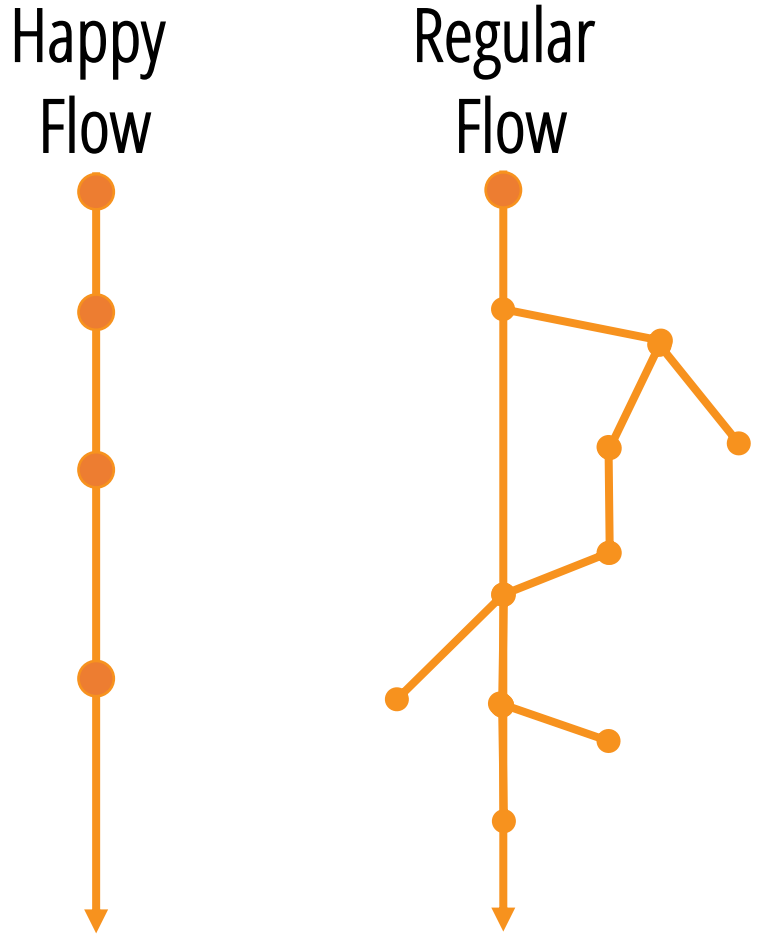


ГИБКИЕ ТРЕБОВАНИЯ



ГИБКИЕ ТРЕБОВАНИЯ

КОНТРОЛЬ
ВЕРСИЙ
ТРЕБОВАНИЙ



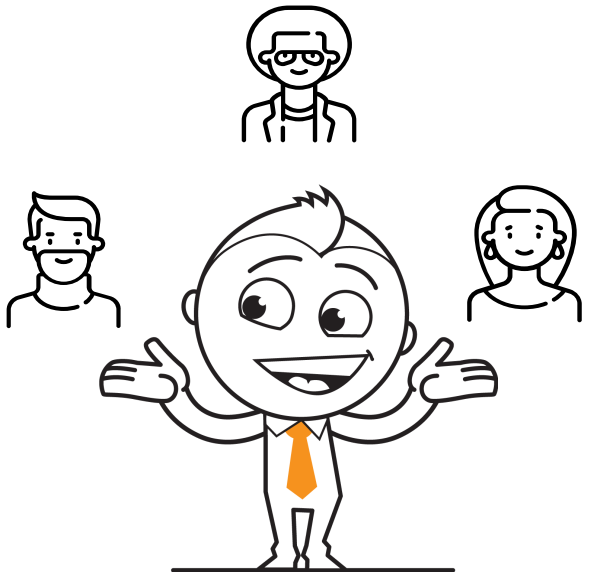
МНОГОЗАДАЧНОСТЬ

ПРОДУКТОВАЯ КОМАНДА

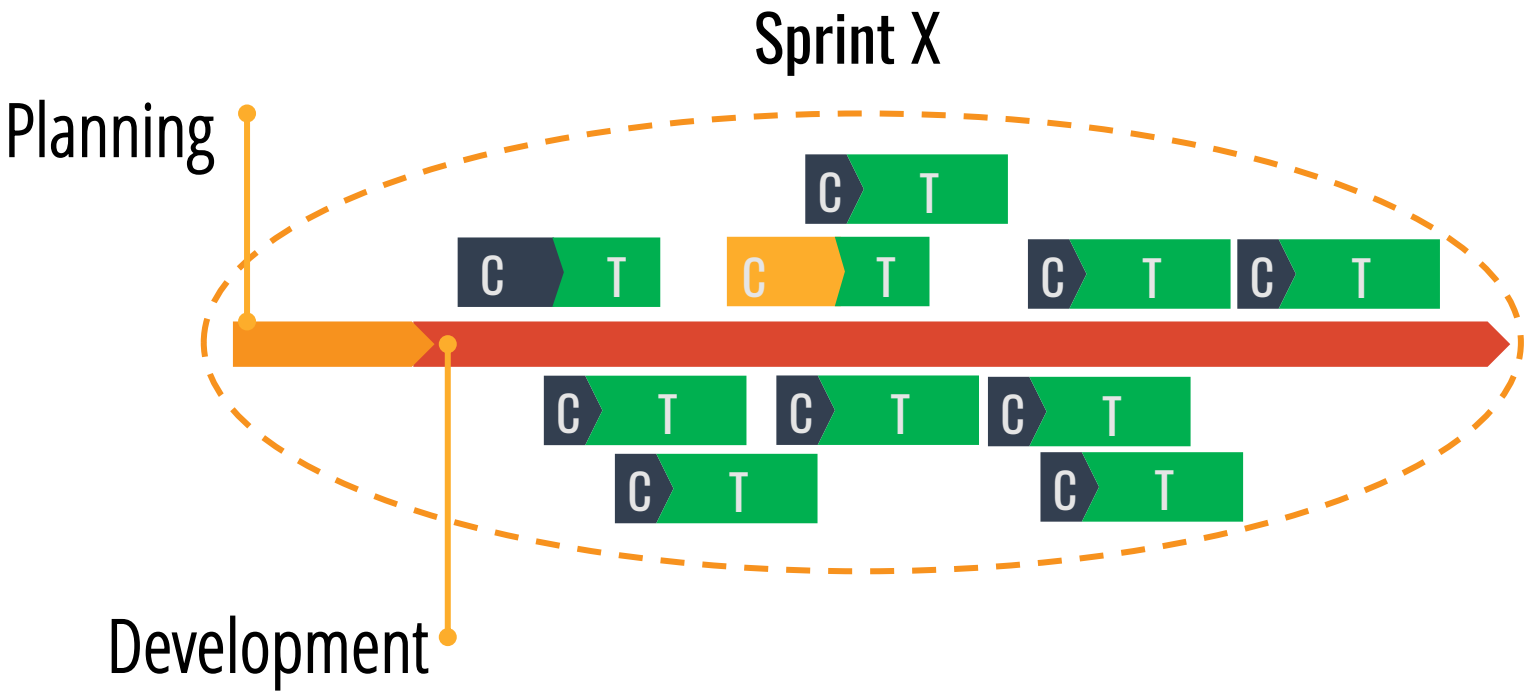
Один QA

vs

Несколько разработчиков



МНОГОЗАДАЧНОСТЬ



ДЕФИЦИТ ВРЕМЕНИ

ИТЕРАЦИИ

Декомпозиция задачь

ВЫСОКАЯ ДИНАМИКА ИЗМЕНЕНИЙ

HEISENBUG

AGILE

“Организационный процесс должен обладать гибкостью,
то есть способностью к оперативным изменениям в ходе своего осуществления.”

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ВЫЗОВЫ ГИБКОГО ТЕСТИРОВАНИЯ

HEISENBUG

- ГИБКИЕ ТРЕБОВАНИЯ
- МНОГОЗАДАЧНОСТЬ
- ДЕФИЦИТ ВРЕМЕНИ
- ДИНАМИКА ИЗМЕНЕНИЙ

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РЕШЕНИЕ

УЛУЧШАЕМ:

- ПРОЦЕССЫ
- ИНСТРУМЕНТЫ

Глава 2

ГИБКИЙ TMS

Смена инструментов

ИНСТРУМЕНТЫ ДО...

ИНСТРУМЕНТЫ ДО...

HEISENBUG

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
Domain	**Test case**	**Priority**	**1505**	**2805 - zone**	**0306 - zone**	**0606 - zone 41**	**1306 - zone41**	**0407 - zone41**	**0907 - zone101**	**1107 - zone41**	**1707 - zone41**	**2207 - zone 41**	**2707 - zone41**	**2907 - zone101-gps**	**1008 - zone41**	**1408 - zone41**	**29**
Login logout	Login - positive	p1	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pa
	Login - negative		pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pa
	Logout		pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pa
	Failed login with logged in driver/vehicle																
Web orders	no vehicles	p1	pass	pass	pass	pass	pass	pass	pass	pass	pass				pass	pass	pa
	get assignments		pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pa
	passenger pickup - updated in web		pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pa
	passenger drop off - updated in web		pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pa
	Trip canceld -> driver has been sent to a WS		NA	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pa
Client orders	get assignments	*p3 Egged	pass	Prod Only	Prod Only	pass	-	-	-	-	-						
	no available vehicles		pass	Prod Only	Prod Only	pass	-	-	-	-	-						
	out of the polygon		pass	Prod Only	Prod Only	-	-	-	-	-	-						
	order vehicle		pass	Prod Only	Prod Only	pass	-	-	-	-	-						
	get vehicle details and ETA		pass	Prod Only	Prod Only	pass	-	-	-	-	-						
	get destination in App		pass	Prod Only	Prod Only	pass	-	-	-	-	-						
	drop off updated in client app		pass	Prod Only	Prod Only	pass	-	-	-	-	-						
	cancel order via app - updated in the web		pass	Prod Only	Prod Only	pass	-	-	-	-	-						
	Drop off before the final stop		pass	Prod Only	Prod Only	pass	-	-	-	-	-						
waitstop	Fleet distrbution	p2	pass	pass	Distrbution li	Distrbution limita	pass	pass		pass	pass	pass	pass	pass	pass	pass	pa
	go back to a WP		pass	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass	pa
	Get assignment from a WP (Also a train stop)	P3	pass	Distrbution	Distrbution li	Distrbution limita	pass	-		pass	-	-	-	-	-	-	-
Break	not available for order - in req break	p1	pass	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass	pa
	not available for order - in break		pass	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass	pa
	break in a terminal		pass	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass	pa
	Back from break & get an assigment		pass	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass	pa
	Log off from web		NA	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass	pa
Delete	Tested Senrio	P0						Done	Done	Done	Done	Done	Done	Done	Done	Done	
Scenario																20200814	
Start date																25/08/2020	
Tests Execution ID (To delete)																	

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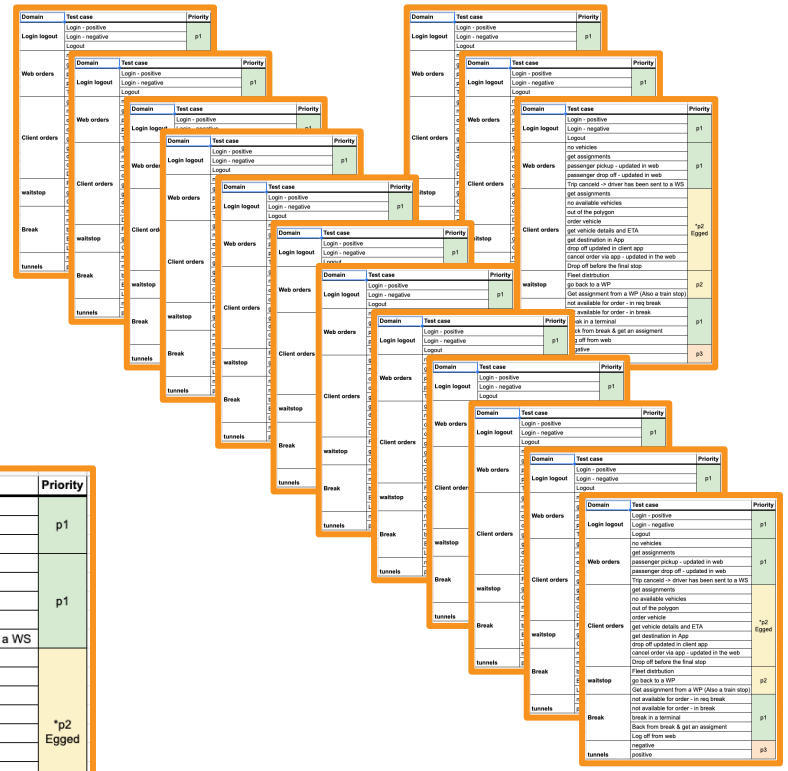
ИНСТРУМЕНТЫ ДО...

Domain	Test case	Priority
Login logout	Login - positive	p1
	Login - negative	
	Logout	
Web orders	no vehicles	p1
	get assignments	
	passenger pickup - updated in web	
	passenger drop off - updated in web	
	Trip canceld -> driver has been sent to a WS	
Client orders	get assignments	*p2 Egged
	no available vehicles	
	out of the polygon	
	order vehicle	
	get vehicle details and ETA	
	get destination in App	
	drop off updated in client app	
	cancel order via app - updated in the web	
	Drop off before the final stop	
waitstop	Fleet distrbution	p2
	go back to a WP	
	Get assignment from a WP (Also a train stop)	
Break	not available for order - in req break	p1
	not available for order - in break	
	break in a terminal	
	Back from break & get an assigment	
	Log off from web	
tunnels	negative	p3
	positive	

FEAUTURE X

Domain	Test case	Priority
Login logout	Login - positive	p1
	Login - negative	
	Logout	
Web orders	no vehicles	p1
	get assignments	
	passenger pickup - updated in web	
	passenger drop off - updated in web	
	Trip canceld -> driver has been sent to a WS	
Client orders	get assignments	*p2 Egged
	no available vehicles	
	out of the polygon	
	order vehicle	
	get vehicle details and ETA	
	get destination in App	
	drop off updated in client app	
	cancel order via app - updated in the web	
	Drop off before the final stop	
waitstop	Fleet distrbution	p2
	go back to a WP	
	Get assignment from a WP (Also a train stop)	
Break	not available for order - in req break	p1
	not available for order - in break	
	break in a terminal	
	Back from break & get an assigment	
	Log off from web	
tunnels	negative	p3
	positive	

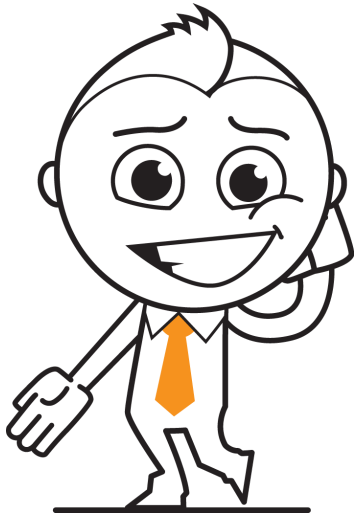
FEAUTURE Xv1 FEAUTURE Xv2



ИНСТРУМЕНТЫ ДО...

СЛОЖНОСТИ

- МАШТАБИРУЕМОСТЬ
- ОТЧЕТНОСТЬ
- ПОДДЕРЖАНИЕ



ГИБКИЕ ТРЕБОВАНИЯ
МНОГОЗАДАЧНОСТЬ
ДЕФИЦИТ ВРЕМЕНИ
ДИНАМИКА ИЗМЕНЕНИЙ

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TMS ЧТО?

ИНСТРУМЕНТ
АВТОМАТИЗАЦИИ ПРОЦЕССА ТЕСТИРОВАНИЯ

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ЗАЧЕМ НАМ НУЖЕН TMS?

- ХРАНЕНИЕ ИНФОРМАЦИИ (ТЕСТОВАЯ ДОКУМЕНТАЦИЯ)
- ПЛАНИРОВАНИЕ ДЕЙСТВИЙ ПО ТЕСТИРОВАНИЮ
- УПРАВЛЕНИЕ ТЕСТОВОЙ ДЕЯТЕЛЬНОСТЬЮ
- ПРОЗРАЧНОСТЬ ПРОЦЕССА

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КРИТИЧЕСКИЕ ПРЕИМУЩЕСТВА

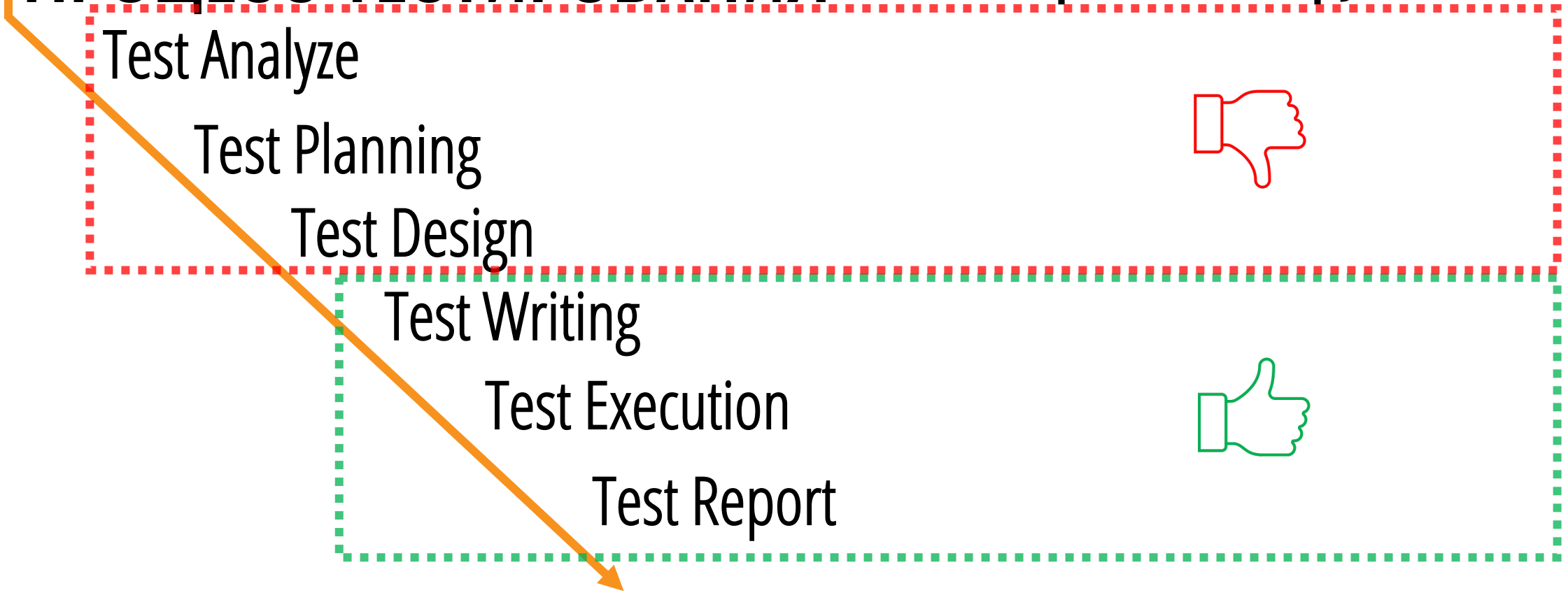
- СКОРОСТЬ РЕКЦИИ НА ИЗМЕНЕНИЯ
- ЭФФЕКТИВНОСТЬ ПРОЦЕССА

ГИБКИЕ ТРЕБОВАНИЯ
МНОГОЗАДАЧНОСТЬ
ДЕФИЦИТ ВРЕМЕНИ
ДИНАМИКА ИЗМЕНЕНИЙ

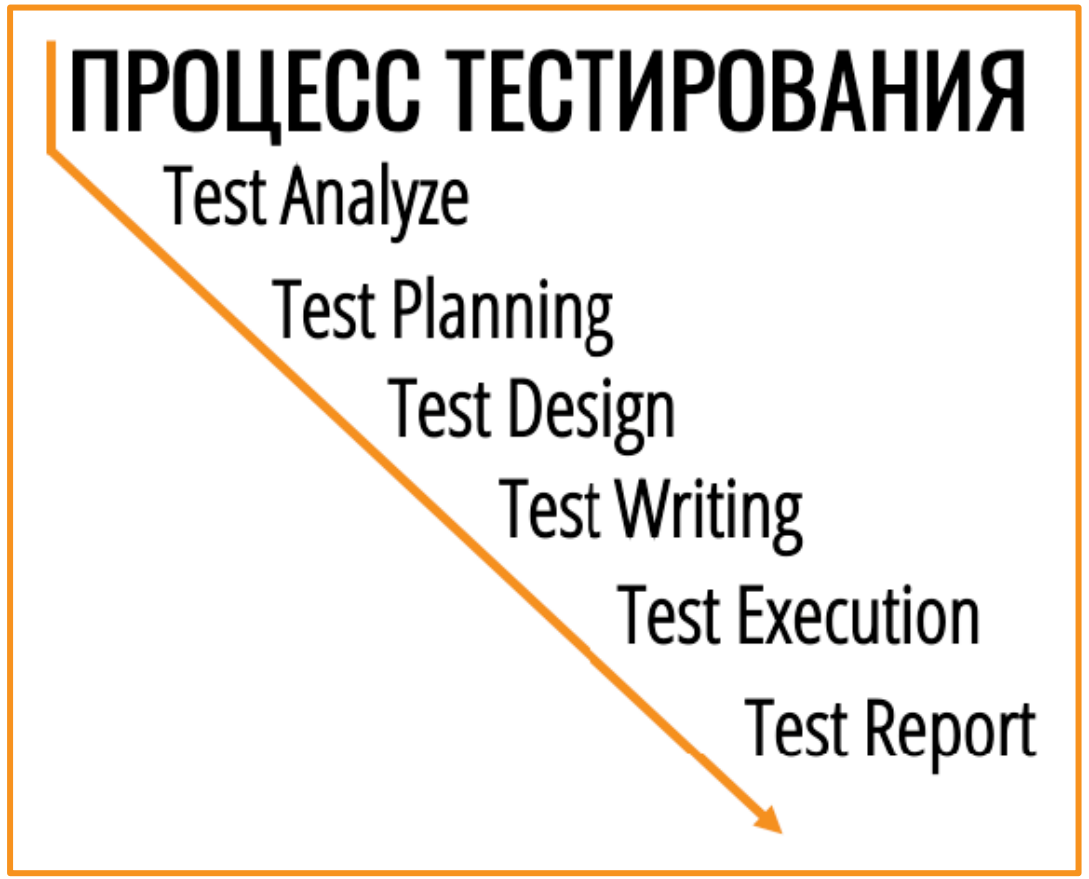
АВТОМАТИЗАЦИЯ ТЕСТИРОВАНИЯ

ПРОЦЕСС ТЕСТИРОВАНИЯ

Покрытие Инструментами



TMS: ПРОЦЕСС РАБОТЫ



TMS

~~Test Analyze~~
~~Test Design~~
Test Writing
Test Planning
Test Execution
Test Report

Глава 3

ВЫБИРАЕМ TMS

ВЫБИРАЕМ TMS

Совет номер 1

Знай что ты хочешь и что тебе надо!

ВЫБИРАЕМ TMS

Совет номер 2

Обязательно поюзай кандидата, хотя бы месяц.

ВЫБИРАЕМ TMS

Совет номер 3

Создай метрики оценки с приоритизацией и "весом" каждой метрики.

ВЫБИРАЕМ TMS

HEISENBUG

Совет номер 4

Собери обратную связь

ВЫБИРАЕМ TMS

ГЛАВНЫЙ СОВЕТ:

Спланируй и запусти процесс тестирования до выбора инструмента!

НАШ ВЫБОР

МЕЧТА ТЕСТИРОВЩИКА

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Глава 4

НАСТРАИВАЕМ РОЛИ В TMS ПРОЕКТЕ

ПОЛЬЗОВАТЕЛИ TMS

HEISENBUG

КРИТИЧЕСКИ ВАЖНО:

ВЫСОКАЯ ГИБКОСТЬ НАСТРОЙКИ РОЛЕЙ

Кто? Все!

Как? Зависит от проекта, компании, команды...

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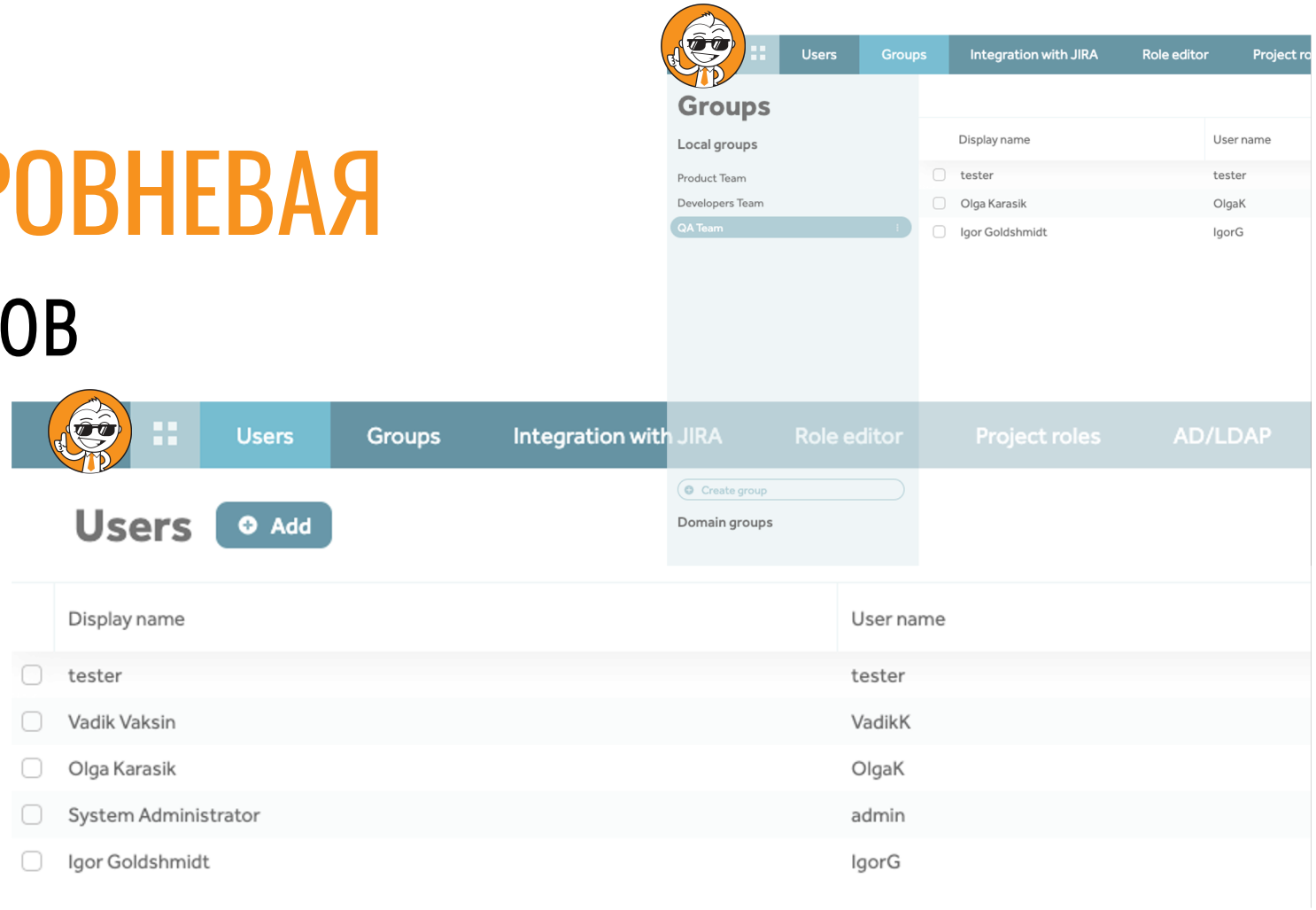
ГИБКОСТЬ НАСТРОЙКИ

HEISENBUG

НЕСКОЛЬКО УРОВНЕВАЯ

настройка доступов
и ролей



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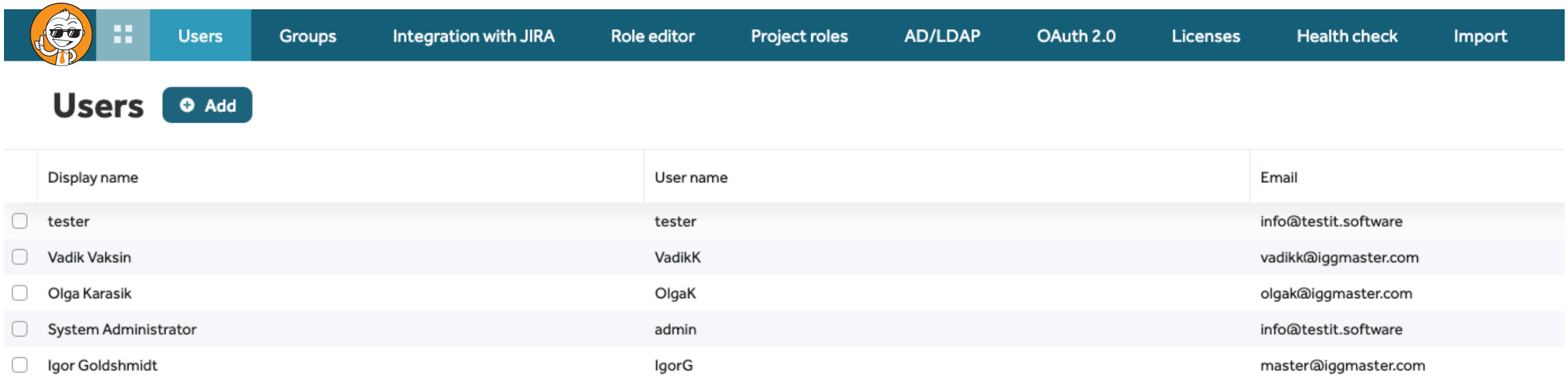
НАСТРОЙКА ДОСТУПОВ И РОЛЕЙ

ПОЛЬЗОВАТЕЛИ (USERS) – CROSS PROJECT:

HEISENBUG



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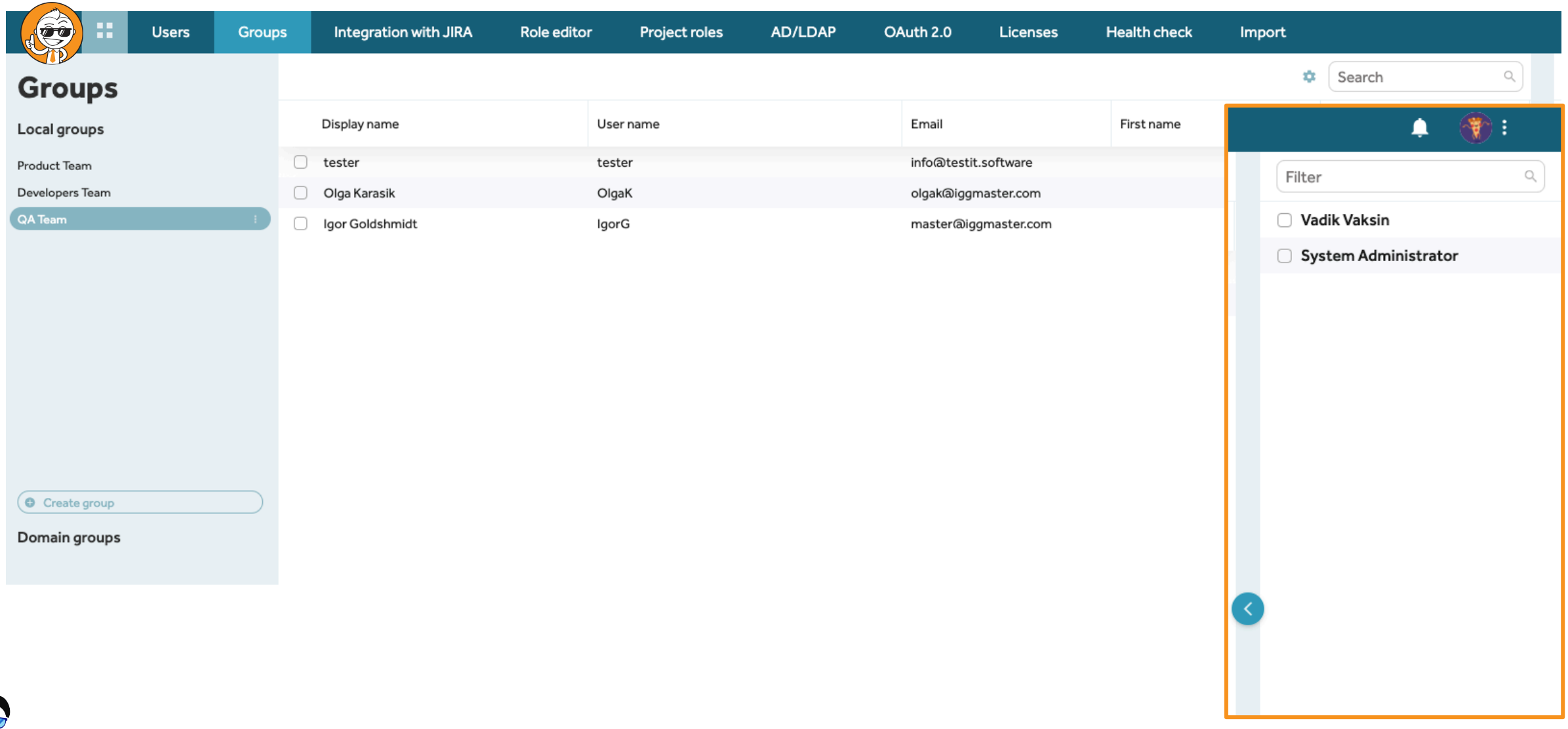
GROUPS

HEISENBUG



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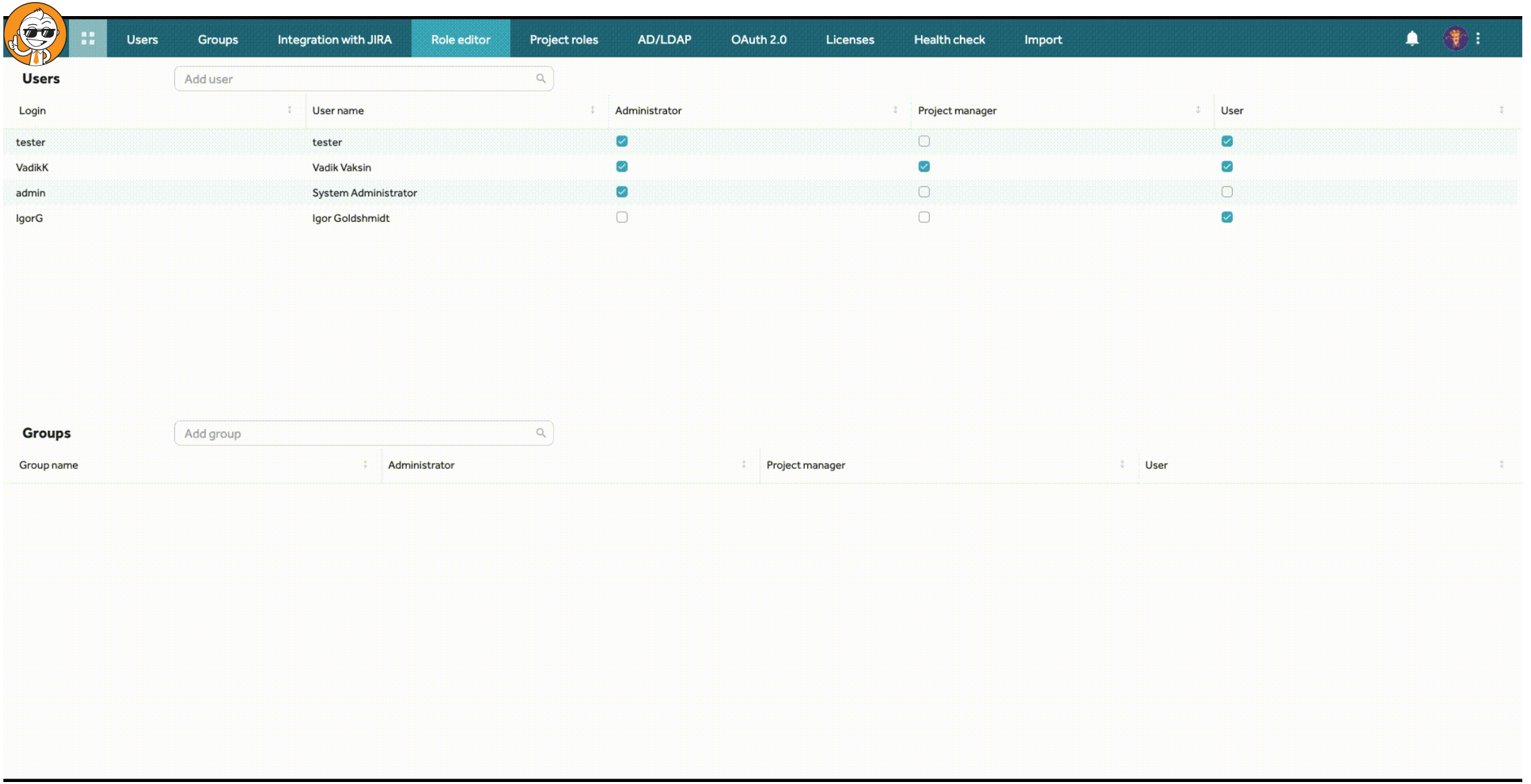
РЕДАКТОР РОЛИ ПОЛЬЗОВАТЕЛЯ

HEISENBUG



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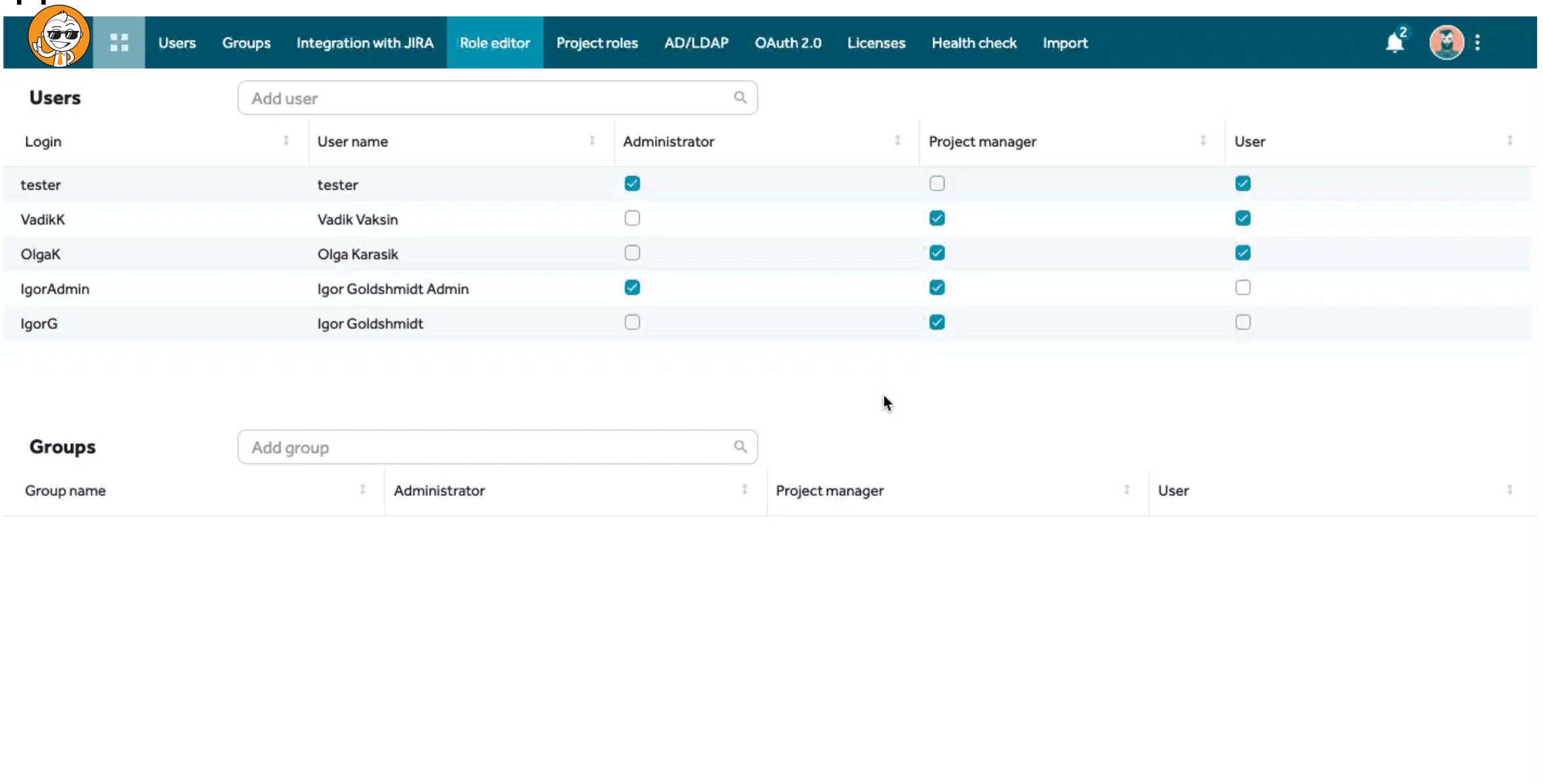
РЕДАКТОР РОЛИ ПРОЕКТА

HEISENBUG



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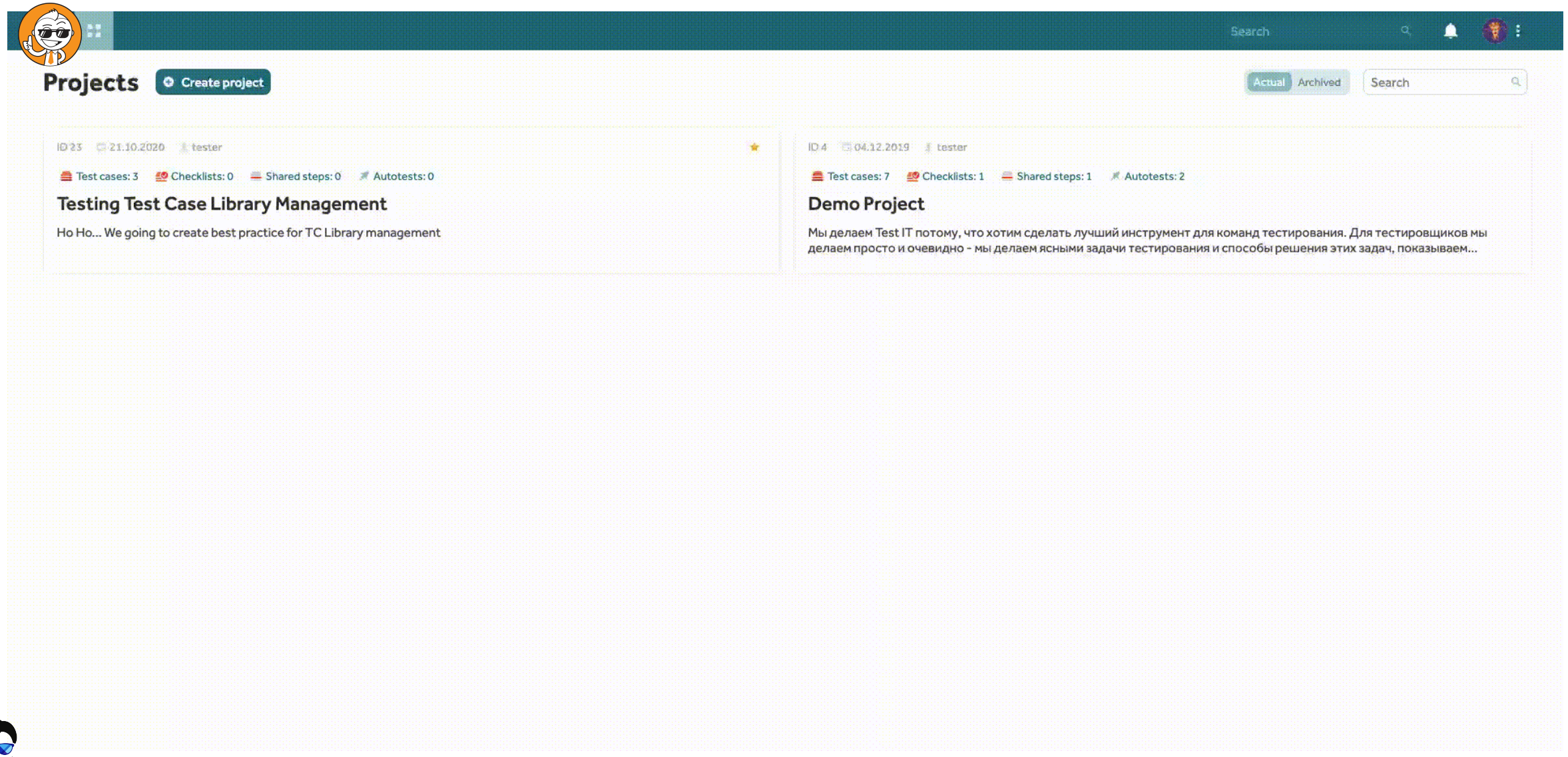
НАСТРОЙКА ПОЛЬЗОВАТЕЛЯ В ПРОЕКТЕ

HEISENBUG



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Глава 5

СТРАТЕГИЯ МИГРАЦИИ ПРОЕКТА В TMS

СТРАТЕГИЯ МИГРАЦИИ ПРОЕКТА

- НАСТРОЙКА СЕКЦИЙ В БИБЛИОТЕКЕ ТЕСТ КЕЙСОВ
- ДУБЛИРОВАНИЕ ТЕСТ КЕЙСОВ
- РЕФАКТОРИНГ РЕГРЕССИИ
- НОВЫЕ ФИЧИ - НОВЫЕ ТЕСТ КЕЙСЫ В TMS

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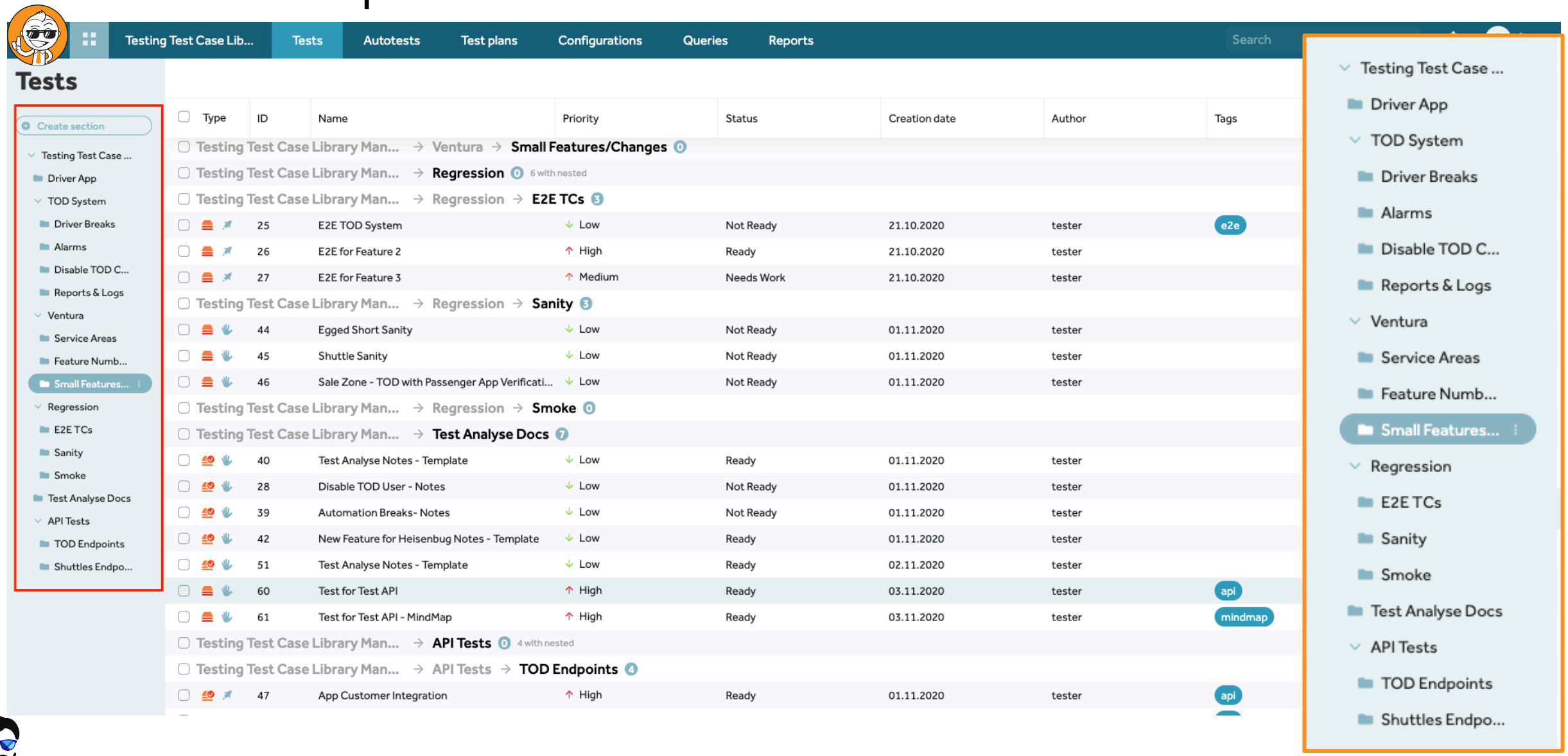
НАСТРОЙКА СЕКЦИЙ В БИБЛИОТЕКЕ ТЕСТ КЕЙСОВ

HEISENBUG



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Глава 6

РЕАЛИЗАЦИЯ ПРОЦЕССА ТЕСТИРОВАНИЯ В TMS

РЕАЛИЗАЦИЯ ПРОЦЕССА ТЕСТИРОВАНИЯ

- ТЕСТ АНАЛИЗ - АРТЕФАКТЫ В TMS
- ТЕСТ ДИЗАЙНА В ТЕСТ КЕЙС РЕДАКТОРЕ
- ТЕСТ ПЛАНИРОВАНИЕ В TMS
- ТЕСТ ИСПОЛНЕНИЕ
- ТЕСТ РЕПОРТ

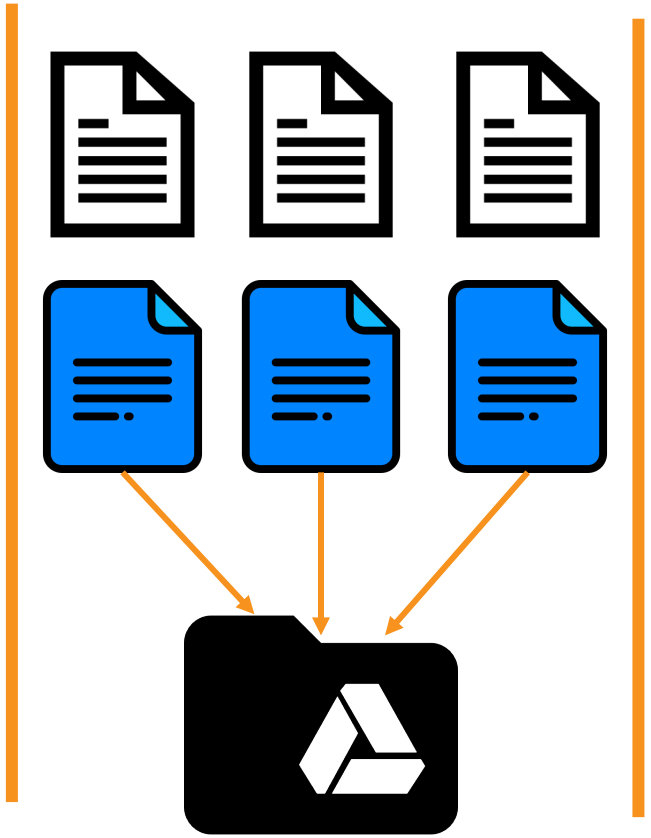
IGG

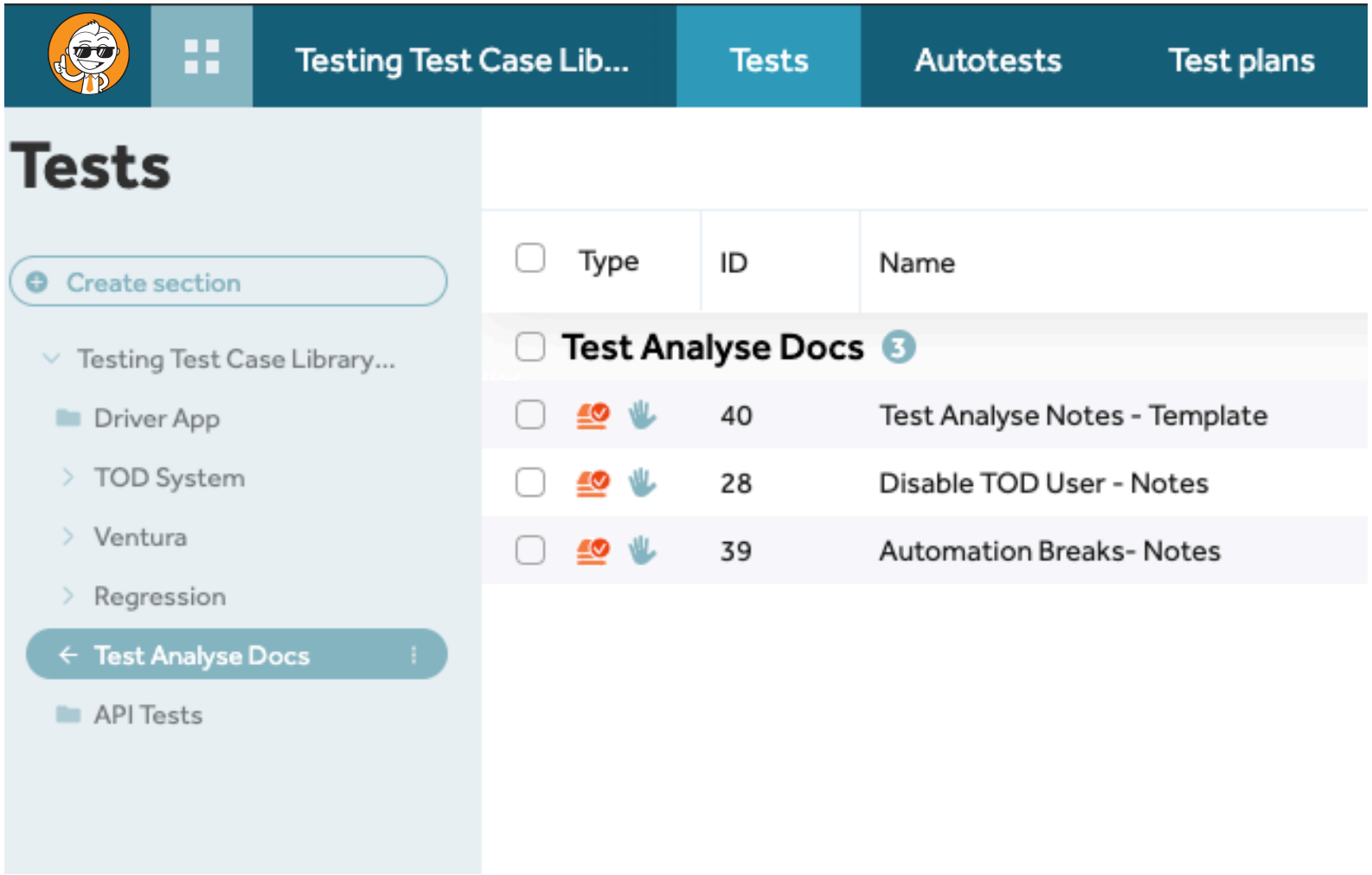
ТЕСТ АНАЛИЗ

ТЕСТ АНАЛИЗ - АРТЕФАКТЫ В TMS

HEISENBUG

ИЛИ





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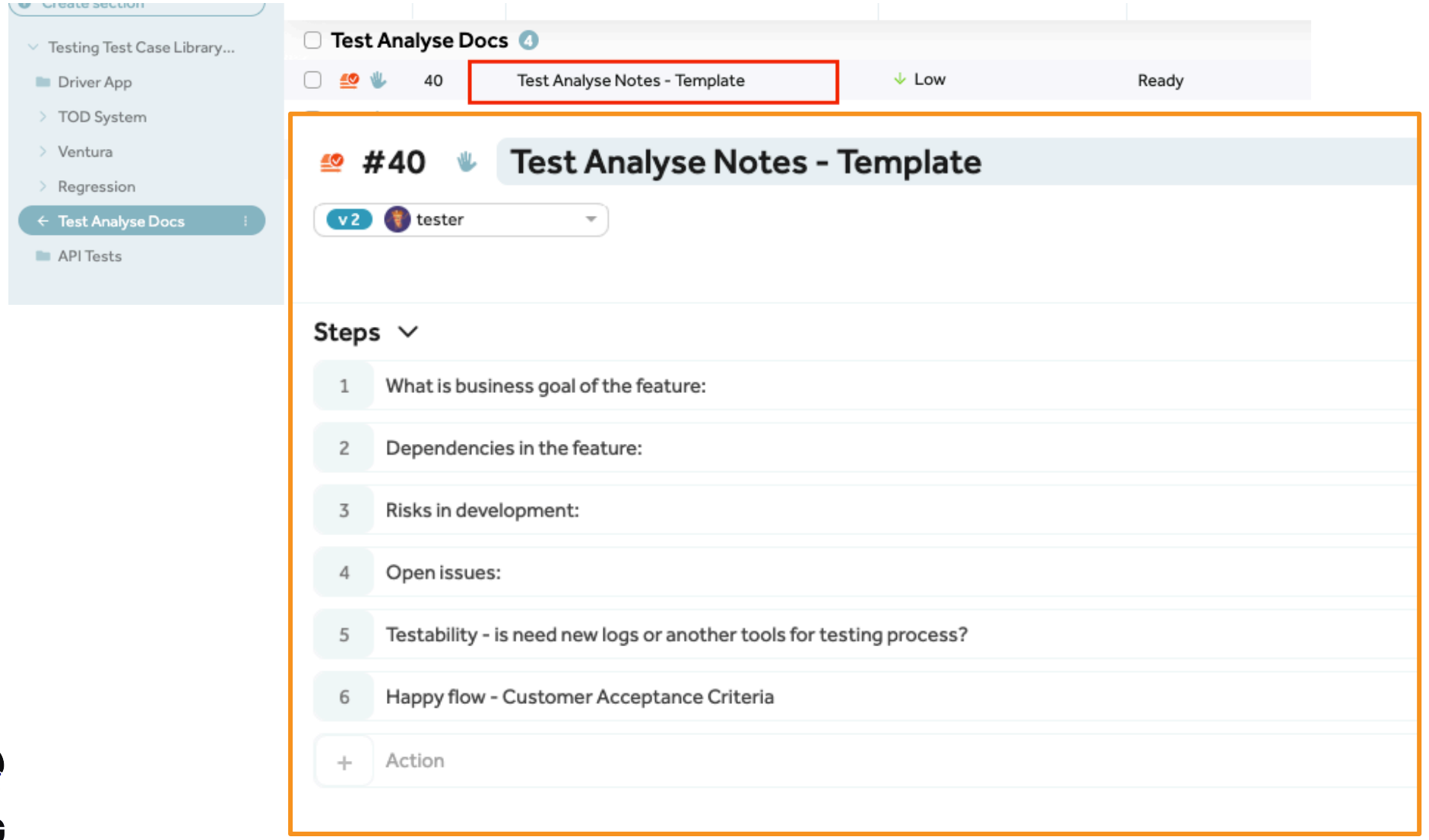
ТЕСТ АНАЛИЗ - АРТЕФАКТЫ В TMS

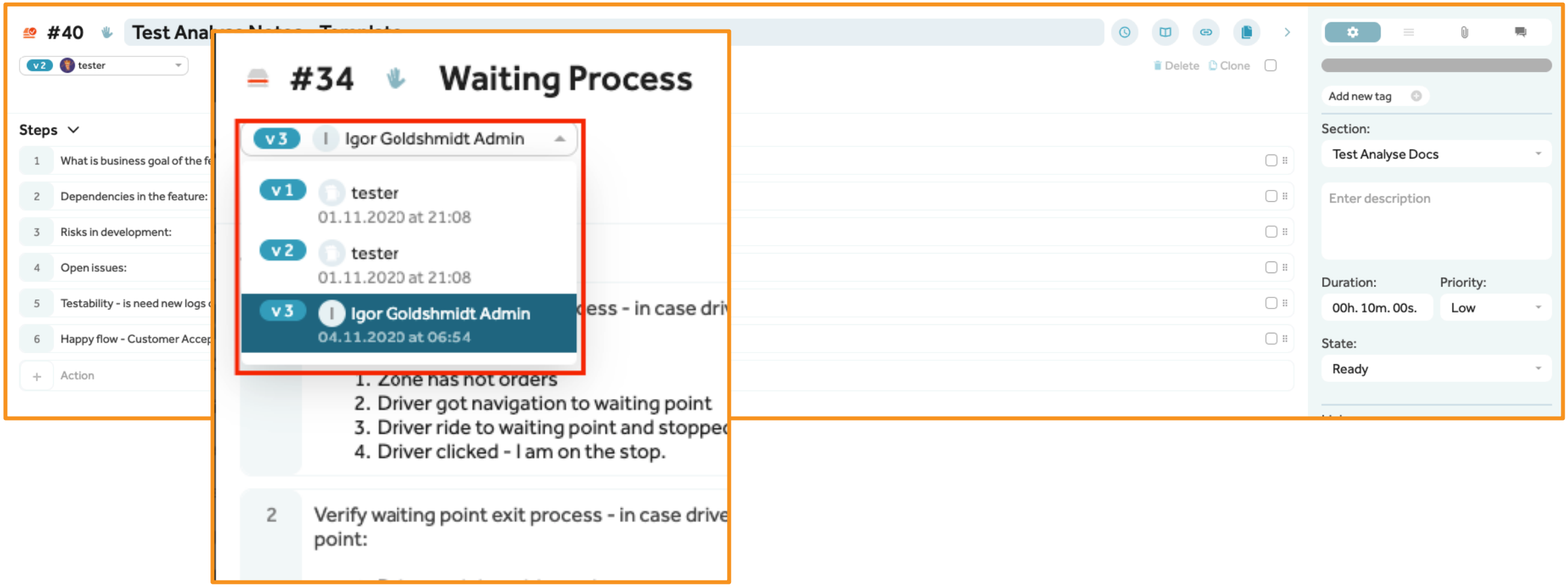
ЧЕК ЛИСТЫ ДЛЯ ЗАМЕТОК



ТЕСТ АНАЛИЗ - АРТЕФАКТЫ В TMS

HEISENBUG

АВТО-ВЕДЕНИЕ ВЕРСИЙ



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ТЕСТ АНАЛИЗ - АРТЕФАКТЫ В TMS

ИНСТРУМЕНТ ДЛЯ СРАВНЕНИЯ ИЗМЕНЕНИЙ

#34 Waiting Process

Before | After

Igor Goldshmidt Admin today at 06:54

Steps

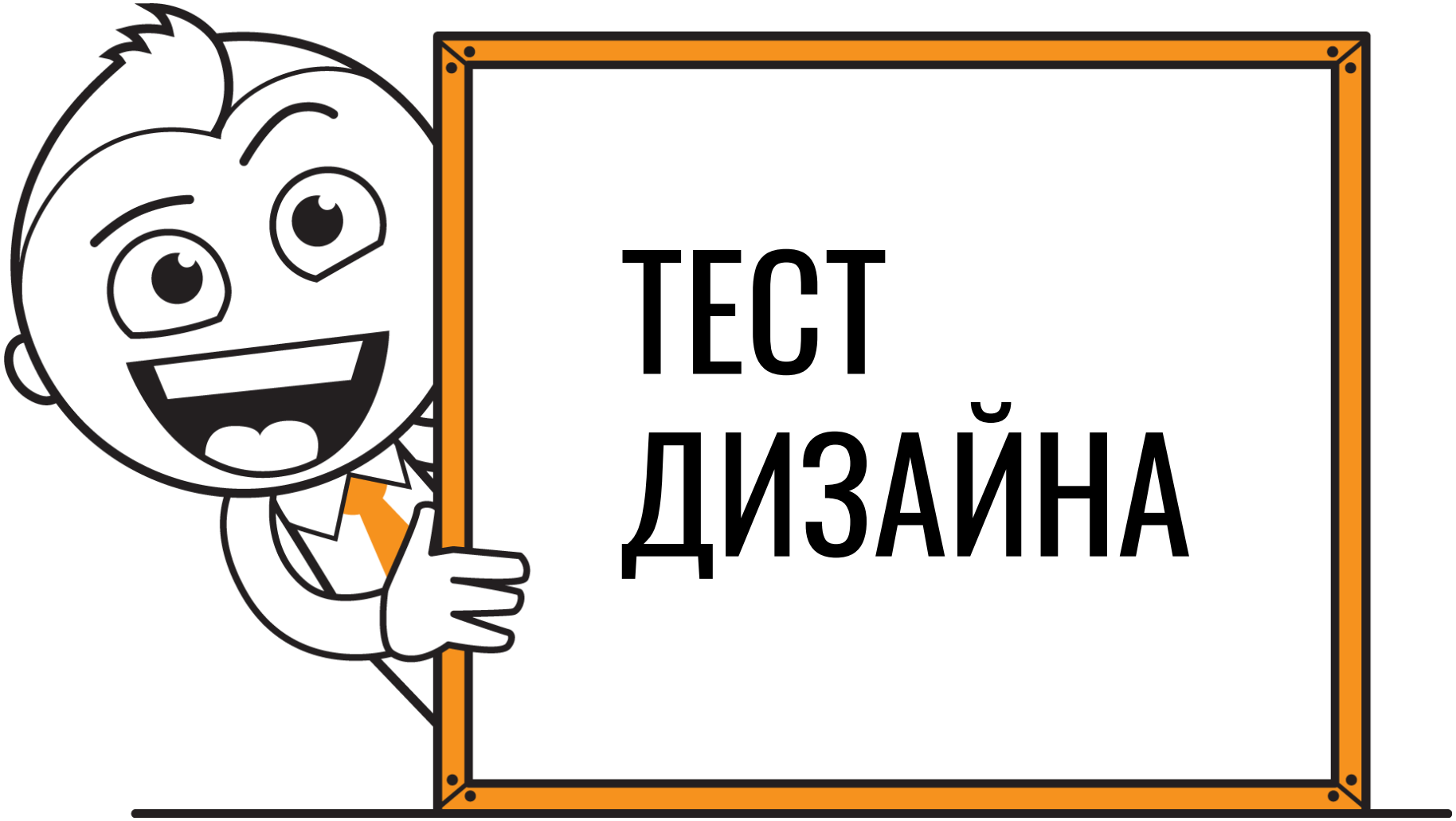
	Before	After
1	Verify waiting point entry process - in case driver navigated to waiting point - no orders:Zone has not ordersDriver got navigation to waiting pointDriver ride to waiting point and stopped there.Driver clicked - I am on the stop.	1. Driver app got message: "We looking for passengers.."2. Driver is available for orders
2	Verify waiting point exit process - in case driver got order from waiting point:Driver wait in waiting pointNew order created and sent to driverOrder pickup point in same place that waiting pointDriver accept ride	1. Driver get the order2. Driver got navigation to drop-off point
3	Verify waiting point exit process - in case driver get order from another point:Driver back to waiting pointNew order was created - sent to driverPickup point not in the same point that waiting point	1. Driver get the order2. Driver accept the order3. Driver got navigation to pickup point
4	Verify train stop point entry process - in case driver dropped passenger in train stop:1. Driver got order with dropoff point in train station2. Driver navigate to the train station3. Driver dropoff the passenger4. Driver got assign to wait on train station	1. "We are looking for passengers..." popup appears
5	Verify train stop point entry process - in case driver finish order and got assign to train station:1. Driver finish order - passenger was dropped2. Driver got assign to train station	1. Driver arrived to train station2. "We are looking for passengers..." popup appears
6	Verify train stop point entry process - in case driver have pickup passenger from there - driver wasn't wait:1. Driver appear not in train station point2. Driver got order with pickup point in train station3. Driver arrived to the train station	1. Driver waiting for more passengers according waiting time

Steps

	Before	After
1	Verify waiting point entry process - in case driver navigated to waiting point - no orders:Zone has not ordersDriver got navigation to waiting pointDriver ride to waiting point and stopped there.Driver clicked - I am on the stop.	1. Driver app got message: "We looking for passengers.."2. Driver is available for orders
2	Verify waiting point exit process - in case driver got order from waiting point:Driver wait in waiting pointNew order created and sent to driverDriver accept ride	1. Driver get the order2. Driver got navigation to drop-off point
3	Verify waiting point exit process - in case driver get order from another point:Driver back to waiting pointNew order was created - sent to driverPickup point not in the same point that waiting point	1. Driver get the order2. Driver accept the order3. Driver got navigation to pickup point
4	Verify waiting point exit process - in case driver get order from another point:Driver back to waiting pointExist order was created - sent to driverPickup point not in the same point that waiting point	1. Driver get the order2. Driver accept the order3. Driver got navigation to pickup point
5	Verify train stop point entry process - in case driver dropped passenger in train stop:1. Driver got order with dropoff point in train station2. Driver navigate to the train station3. Driver dropoff the passenger4. Driver got assign to wait on train station	1. "We are looking for passengers..." popup appears
6	Verify train stop point entry process - in case driver finish order and got assign to train station:1. Driver finish order - passenger was dropped2. Driver got assign to train station	1. Driver arrived to train station2. "We are looking for passengers..." popup appears
7	Verify train stop point entry process - in case driver have pickup passenger from there - driver wasn't wait: 1. Driver appear not in train station point 2. Driver got order with pickup point in train station 3. Driver arrived to the train point	1. Driver waiting for more passengers according waiting time

tester 01.11.2020 at 21:08

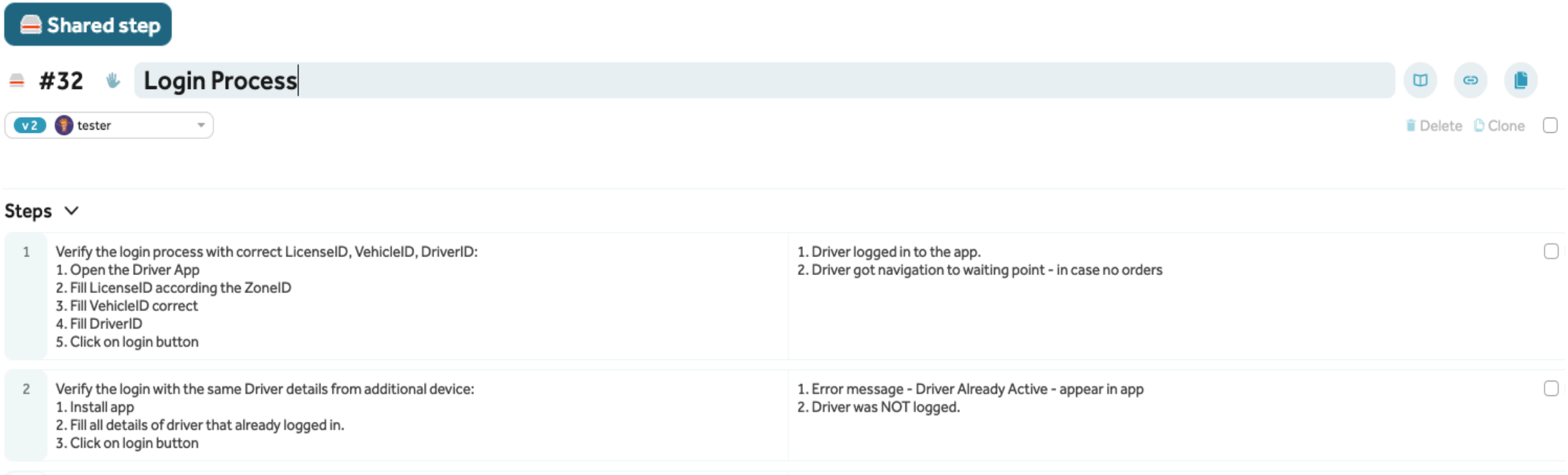
IGG


ТЕСТ
ДИЗАЙНА

ТЕСТ ДИЗАЙНА В ТЕСТ КЕЙС РЕДАКТОРЕ

HEISENBUG

ОБЩИЕ ШАГИ



IGG

ТЕСТ ДИЗАЙНА В ТЕСТ КЕЙС РЕДАКТОРЕ

HEISENBUG

E2E СЦЕНАРИИ

#31 E2E TOD Driver App Verification

v4 tester

Test preconditions

Steps

1	**Login Process #32**	
1.1	Verify the login process with correct LicenseID, VehicleID, DriverID: 1. Open the Driver App 2. Fill LicenseID according the ZoneID 3. Fill VehicleID correct 4. Fill DriverID 5. Click on login button	1. Driver logged in to the app. 2. Driver got navigation to waiting point - in case
1.2	Verify the login with the same Driver details from additional device: 1. Install app 2. Fill all details of driver that already logged in. 3. Click on login button	1. Error message - Driver Already Active - appea 2. Driver was NOT logged.
2	**SHIFT and Automation Brakes #33**	
2.1	Verify the status of shift after driver login (trip assignment in MongoDB)	Status was changed to inProgress
2.2	Verify the automation break during the shift	1. 20 min before the break (according the zo 2. Driver disable for the order 3. Driver change status to break requested
2.3	Verify the status of shift after driver logged out in end of shift (trip assignment in MongoDB)	Status was changed to Finished
3	**Waiting Process #34**	
4	**Driving Process #35**	
5	**"Accessibility" Rides #36**	
6	**Driver Break #37**	
7	**Logout Process #38**	
+	Action	Expected outcome

#31 E2E TOD Driver App Verification

v4 tester

Steps

1	**Login Process #32**
1.1	Verify the login process with correct LicenseID, VehicleID, DriverID: 1. Open the Driver App 2. Fill LicenseID according the ZoneID 3. Fill VehicleID correct 4. Fill DriverID 5. Click on login button
1.2	Verify the login with the same Driver details from additional device: 1. Install app 2. Fill all details of driver that already logged in. 3. Click on login button
2	**SHIFT and Automation Brakes #33**
3	**Waiting Process #34**
3.1	Verify waiting point entry process - in case driver navigated to waiting point - no orders: 1. Zone has not orders 2. Driver got navigation to waiting point 3. Driver ride to waiting point and stopped there. 4. Driver clicked - I am on the stop.
3.2	Verify waiting point exit process - in case driver got order from waiting point: 1. Driver wait in waiting point 2. New order created and sent to driver 3. Driver accept ride
3.3	Verify waiting point exit process - in case driver get order from another point: 1. Driver back to waiting point 2. New order was created - sent to driver 3. Pickup point not in the same point that waiting point
3.4	Verify waiting point exit process - in case driver get order from another point:

IGG

ТЕСТ ДИЗАЙНА В ТЕСТ КЕЙС РЕДАКТОРЕ

HEISENBUG

КОД БЛОК

#47 App Customer Integration

v3 tester

Delete Clone

Steps

1 Check place order for client app

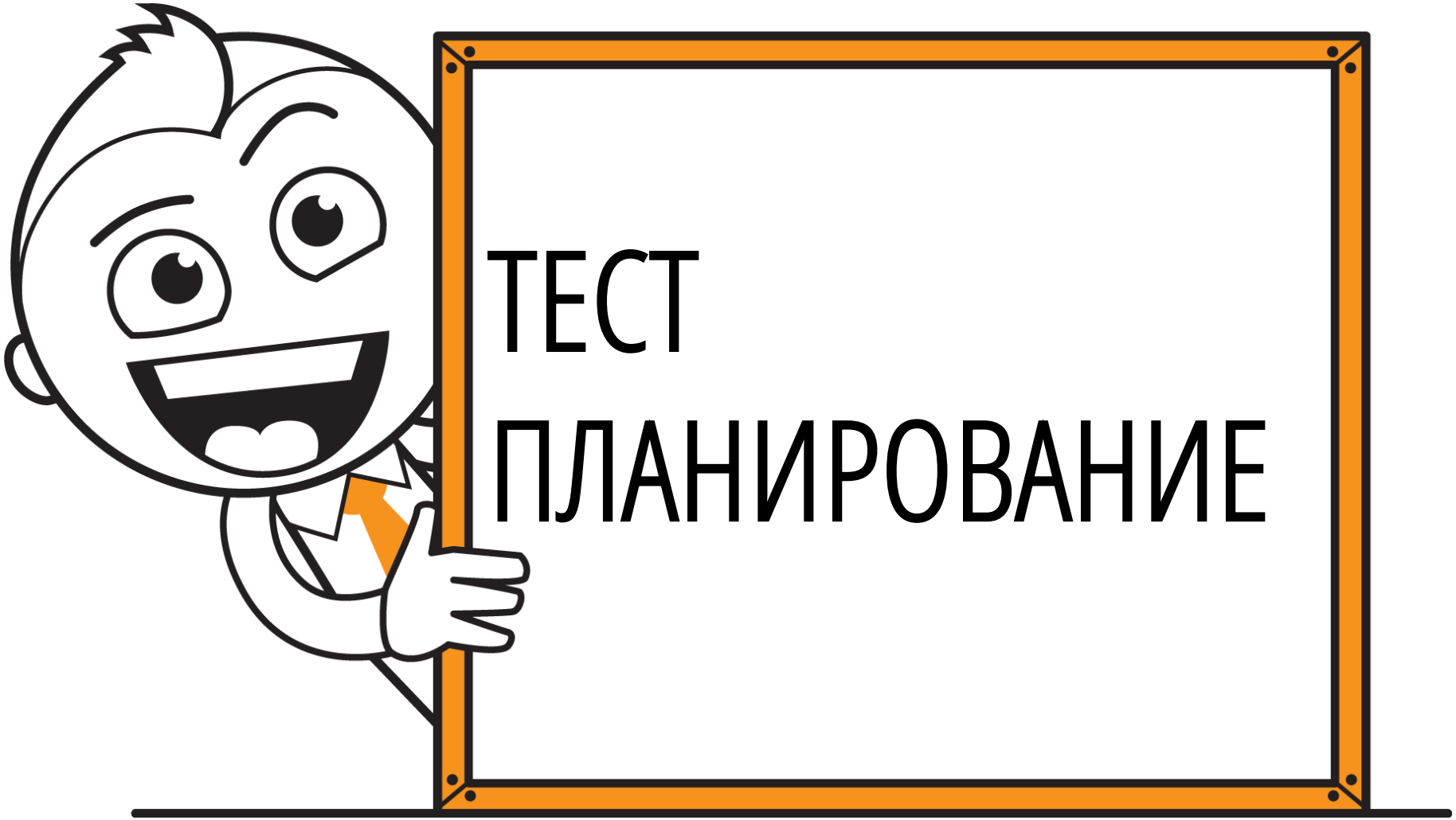
```
curl --location --request POST 'http://puk.pukpukapp.com:8080//services/pukclient/pukserviceclient/placeOrder' \
--header 'Accept: Debug' \
--header 'Cache-Control: no-cache' \
--header 'Content-Type: application/json' \
--header 'USER_KEY: XXXXXXXXXXXXXXXXXX' \
--data-raw '{"1":{"rec":{"1":{"str":"aaa"},"2":{"i32":2241754},"3":{"rec":{"1":{"i32":31898199},"2":{"i32":34803479}}},"4":{"i32":5},"6":{"tf":0}}},"2":{"rec":{"1":{"str":"Marc Chagall St 15-7, Haifa,
Israel"},"3":{"rec":{"1":{"i32":31896791},"2":{"i32":34811265}}},"4":{"i32":1},"6":{"tf":0}}},"3":{"i32":1}}'
```

2 Check book order for client app

```
curl --location --request POST 'http://puk.pukpukapp.com:8080//services/pukclient/getRealTimeInfo' \
--header 'accept: Debug' \
--header 'api_key: pukXXXXXXXXX' \
--header 'user_key: r' \
--data-raw '{
    "rideXXX":"XXXXXXXX"
}'
```

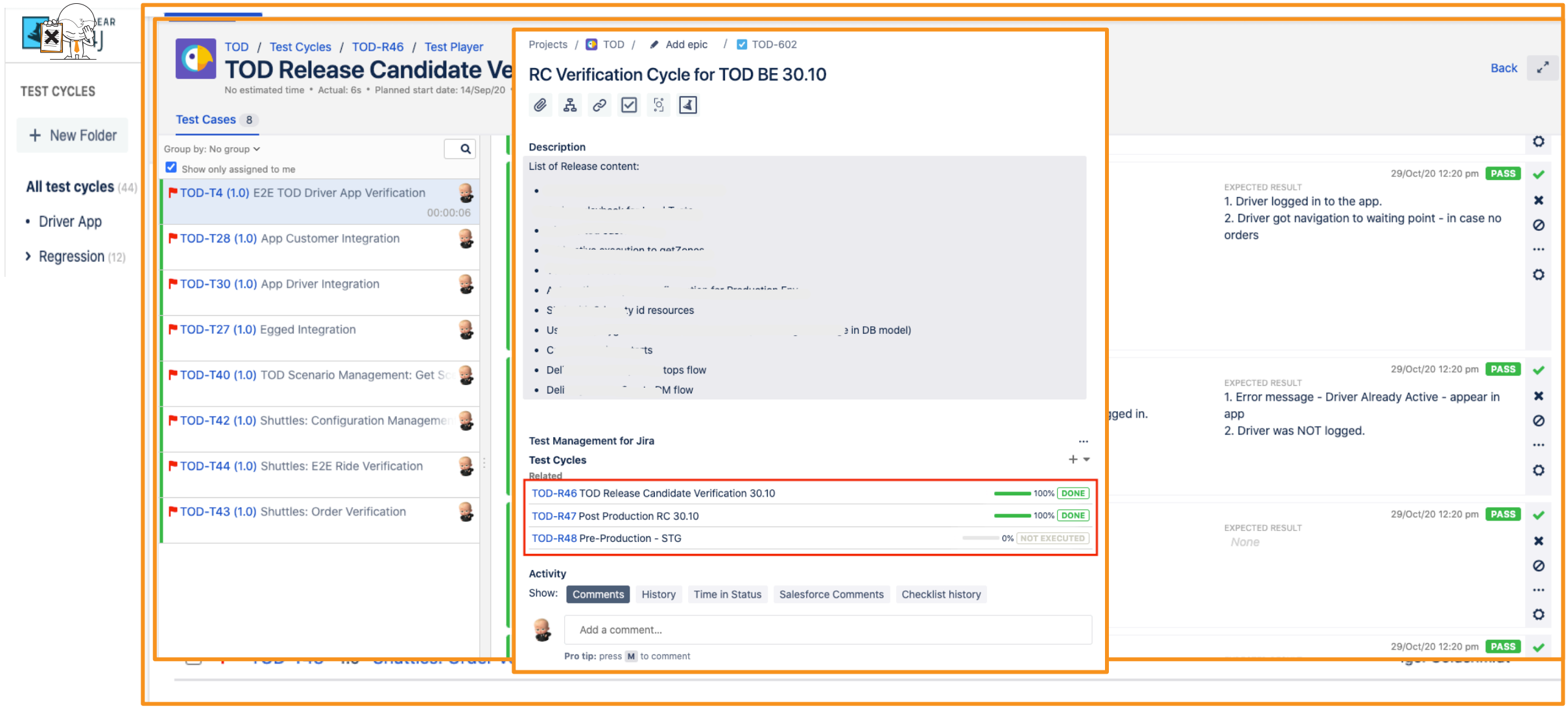
+ Action

IGG


ТЕСТ
ПЛАНИРОВАНИЕ

ТЕСТ ПЛАНИРОВАНИЕ В TMS

ПРОБЛЕМА: ПЛАНИРОВАНИЕ = ИСПОЛНЕНИЕ



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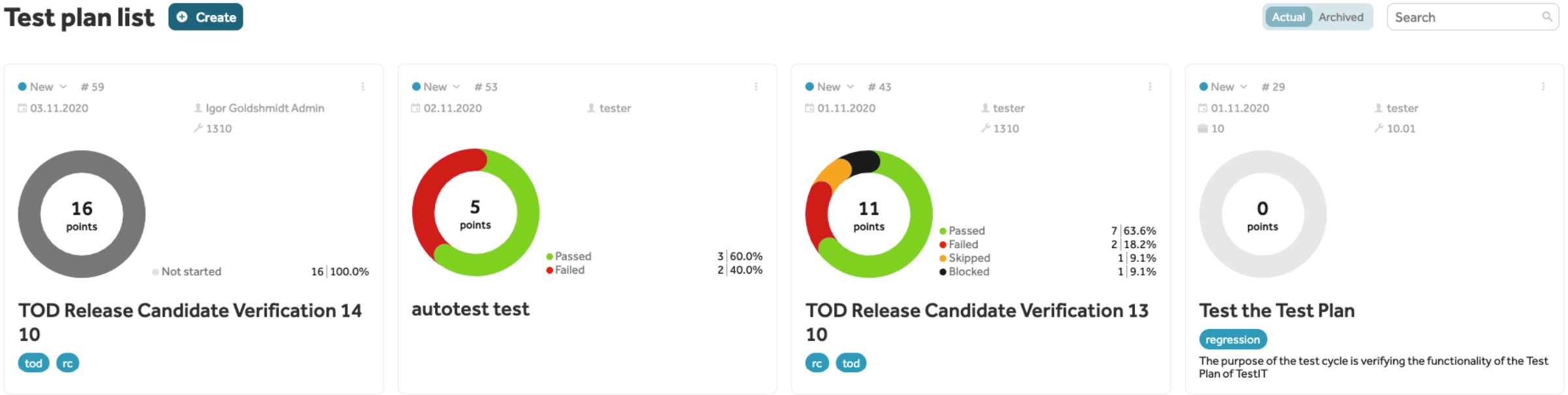
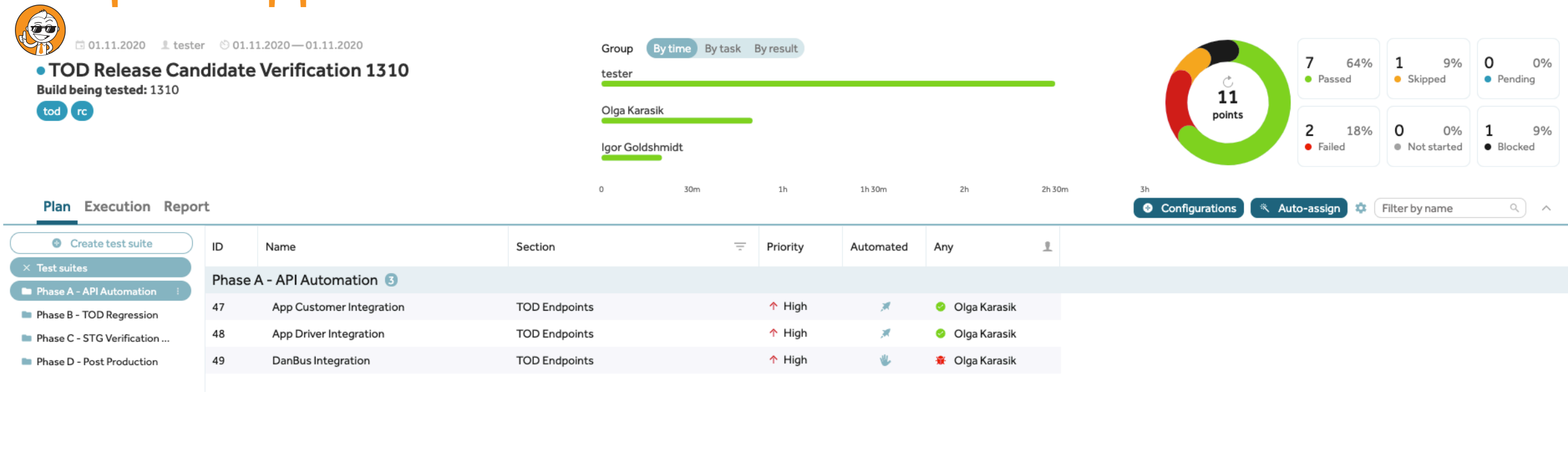
ТЕСТ ПЛАНИРОВАНИЕ В TMS

ОБЩИЙ ВИД



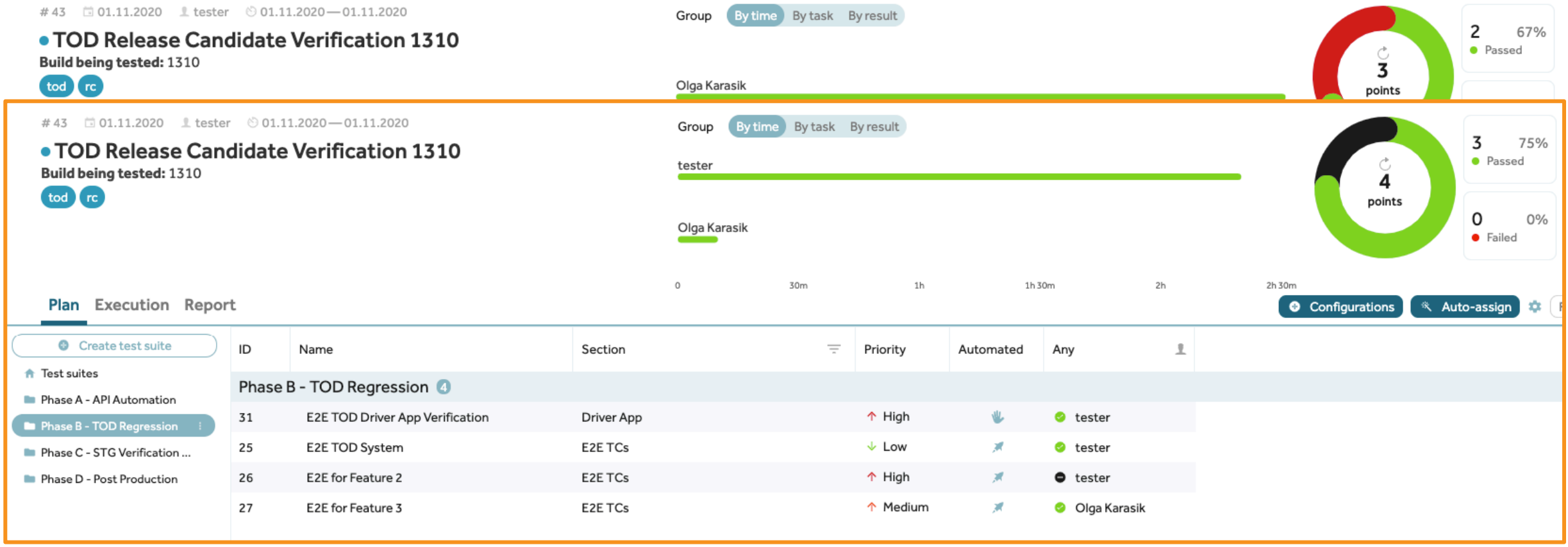
ТЕСТ ПЛАНИРОВАНИЕ В TMS

ОБЩИЙ ВИД



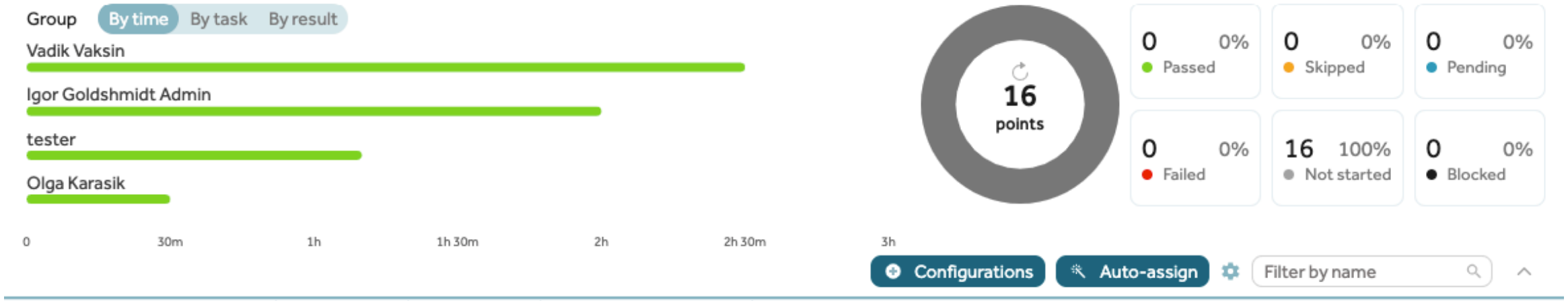
ТЕСТ ПЛАНИРОВАНИЕ В TMS

ГРУППИРОВКА ПО ЭТАПАМ/ВИДАМ



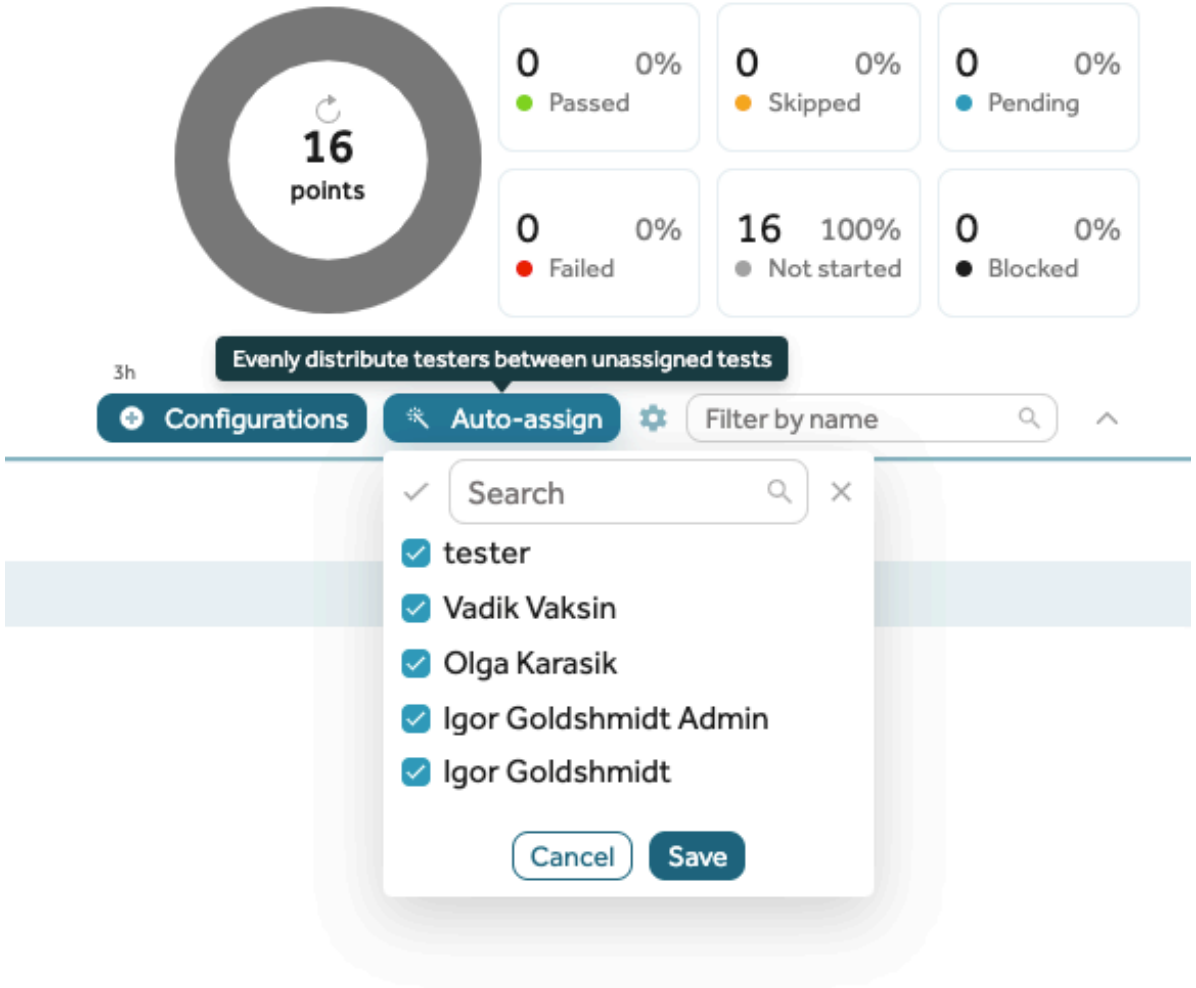
ТЕСТ ПЛАНИРОВАНИЕ В TMS

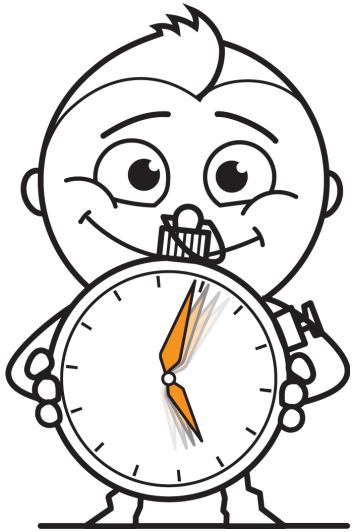
“ДИНАМИЧЕСКАЯ” ДОСКА



ТЕСТ ПЛАНИРОВАНИЕ В TMS

АВТО-РАСПРЕДЕЛЕНИЕ

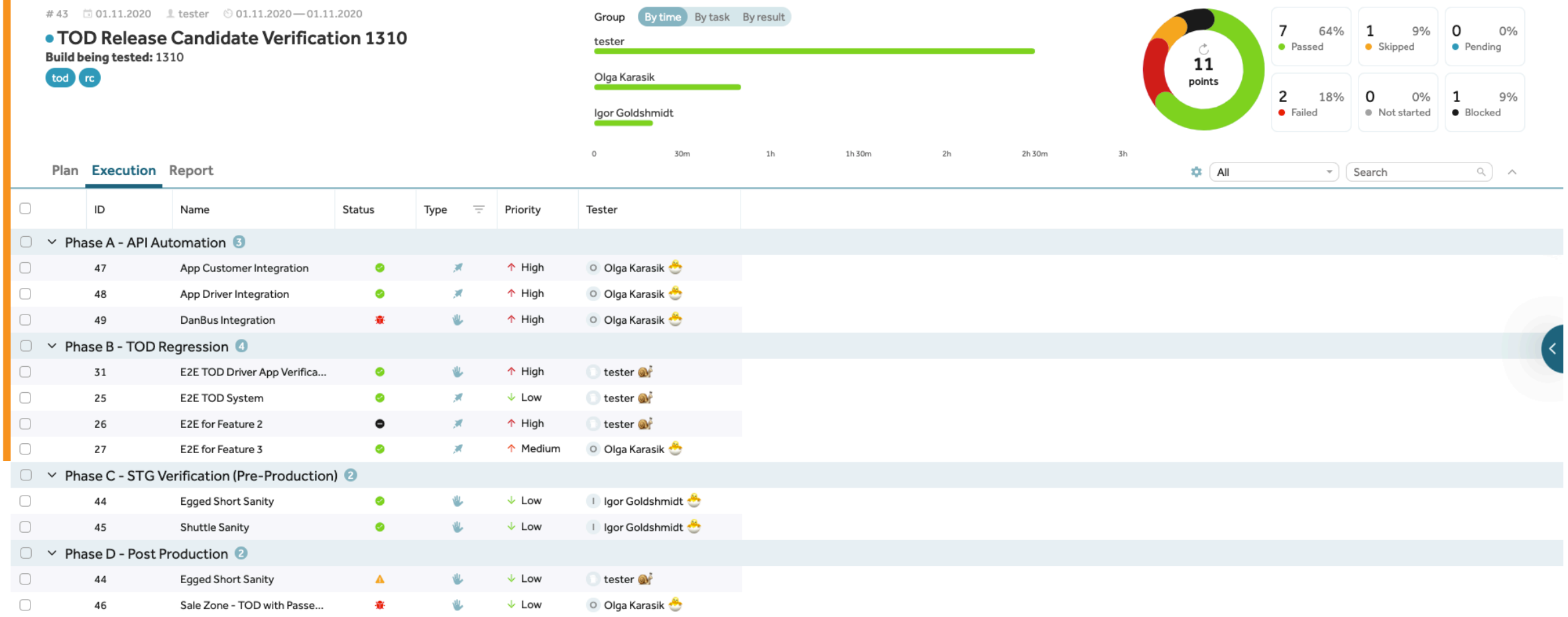




ТЕСТ
ИСПОЛНЕНИЕ

ТЕСТ ИСПОЛНЕНИЕ

ОБЩИЙ ВИД



ТЕСТ ИСПОЛНЕНИЕ

АВТОТЕСТЫ И РУЧНЫЕ ВМЕСТЕ

Plan | Execution | Report

	ID	Name	Status	Type	Priority	Tester
▾ Phase A - API Automation 3						
	47	App Customer Integration	✓	🚀	↑ High	Olga Karasik
	48	App Driver Integration	✓	🚀	↑ High	Olga Karasik
	49	DanBus Integration	🐞	✋	↑ High	Olga Karasik
▾ Phase B - TOD Regression 4						
	31	E2E TOD Driver App Verifica...	✓	✋	↑ High	tester
	25	E2E TOD System	✓	🚀	↓ Low	tester
	26	E2E for Feature 2	⛔	🚀	↑ High	tester
	27	E2E for Feature 3	✓	🚀	↑ Medium	Olga Karasik
▾ Phase C - STG Verification (Pre-Production) 2						
	44	Egged Short Sanity	✓	✋	↓ Low	Igor Goldshmidt
	45	Shuttle Sanity	✓	✋	↓ Low	Igor Goldshmidt
▾ Phase D - Post Production 2						
	44	Egged Short Sanity	⚠	✋	↓ Low	tester
	46	Sale Zone - TOD with Passe...	🐞	✋	↓ Low	Olga Karasik

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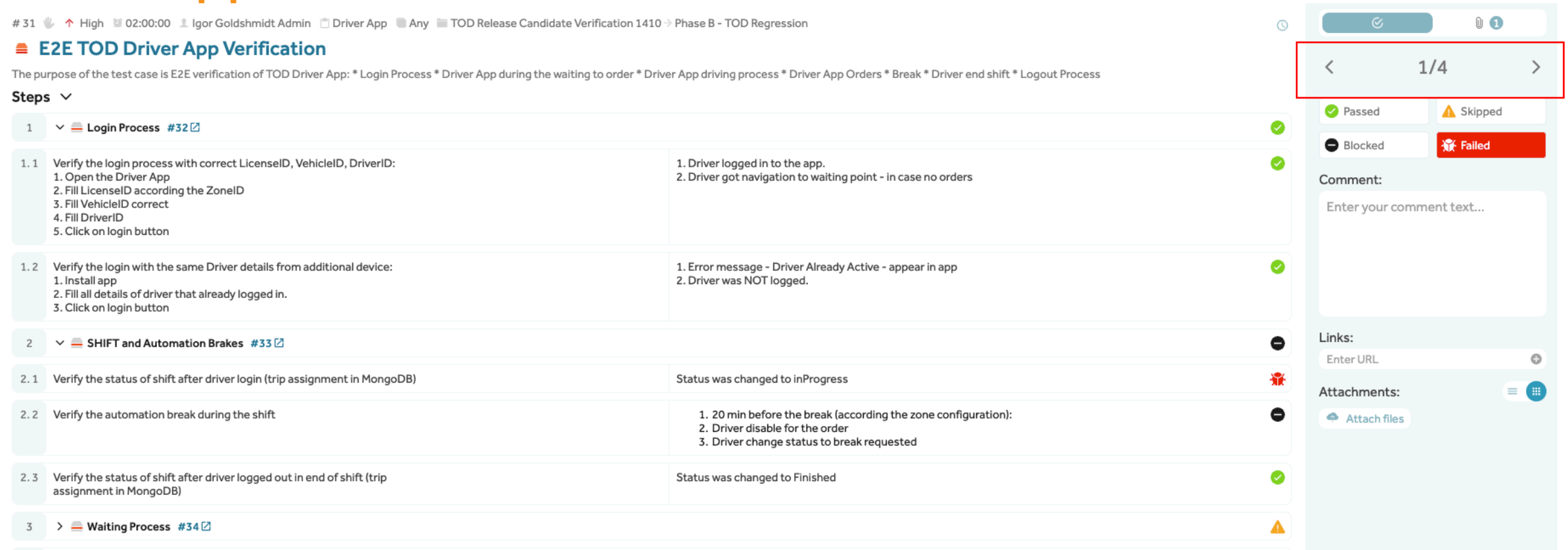
ТЕСТ ИСПОЛНЕНИЕ

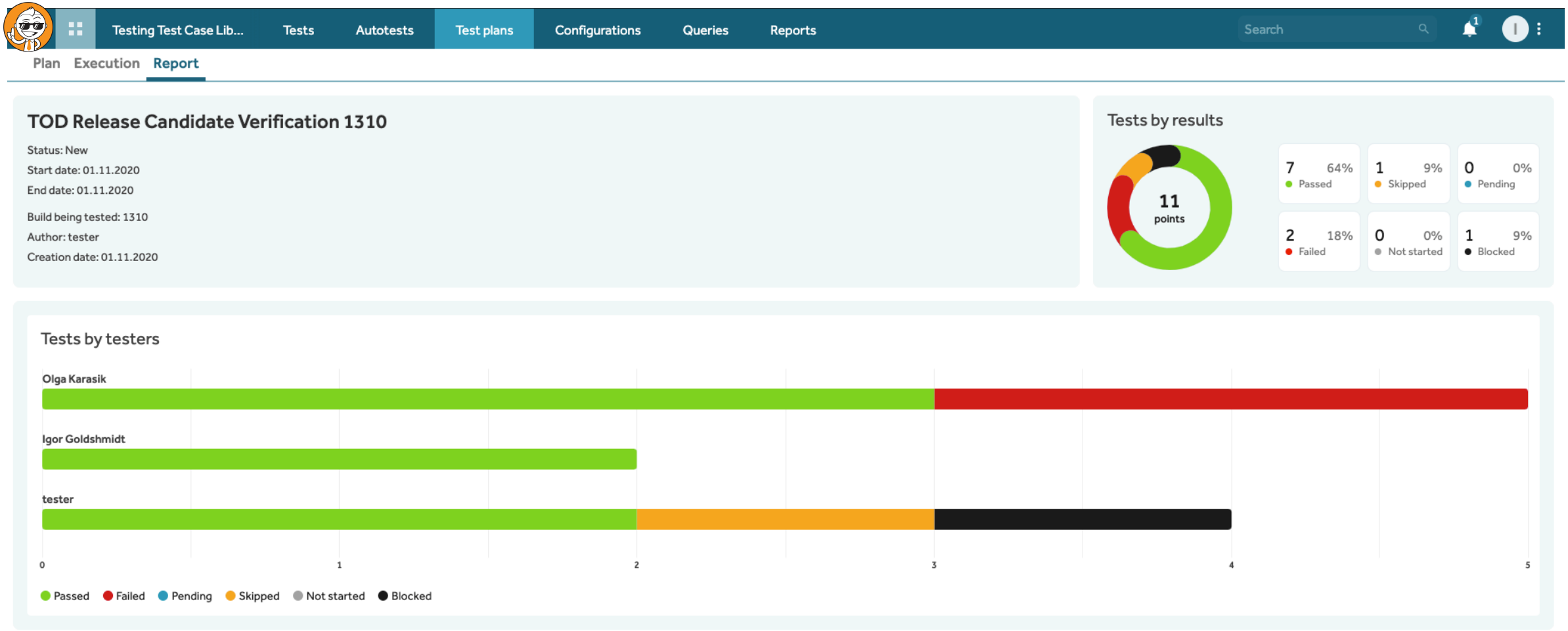
ВСЕ В ОДНОМ ИНТЕРФЕЙСЕ



ТЕСТ ОТЧЕТ

ТЕСТ ОТЧЕТ

ДИНАМИЧЕСКИЙ ОТЧЕТ



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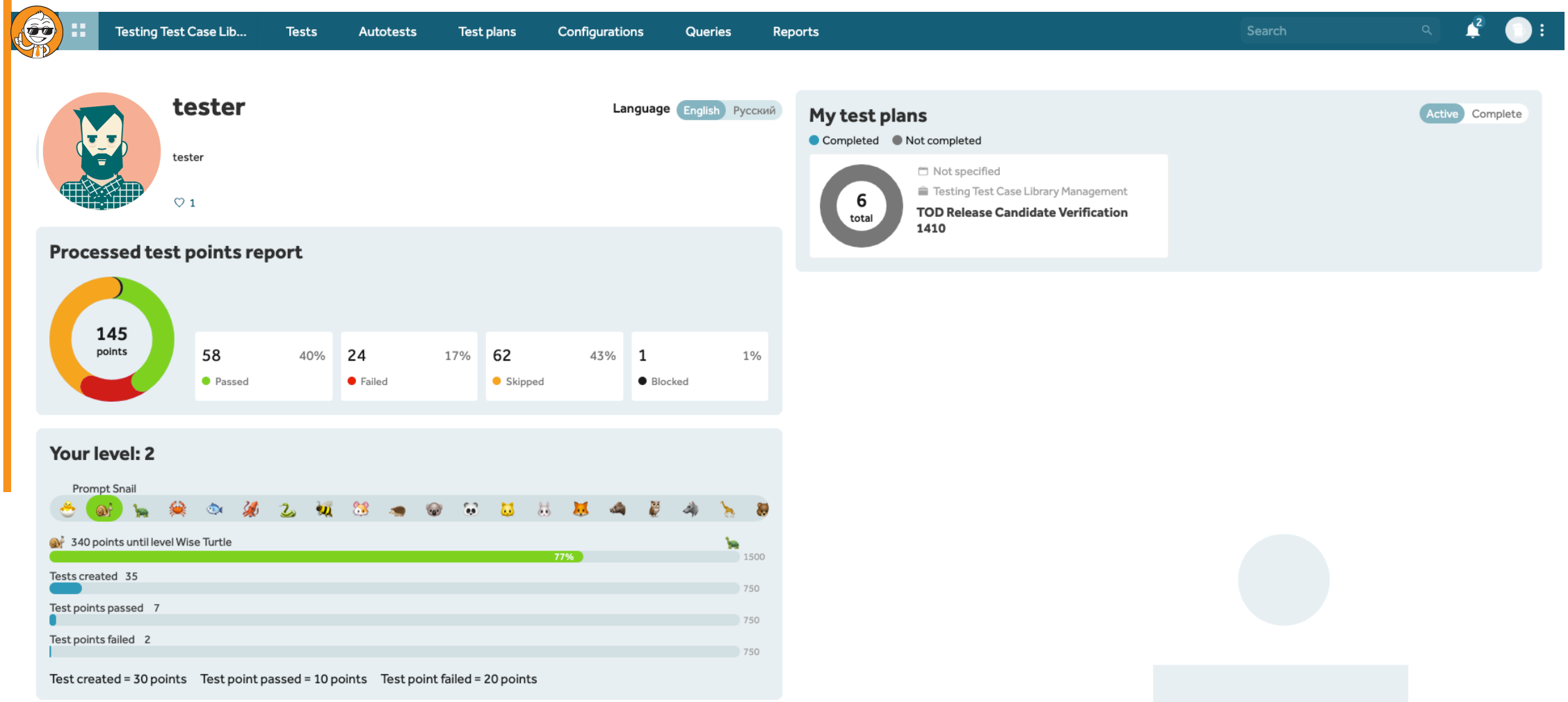
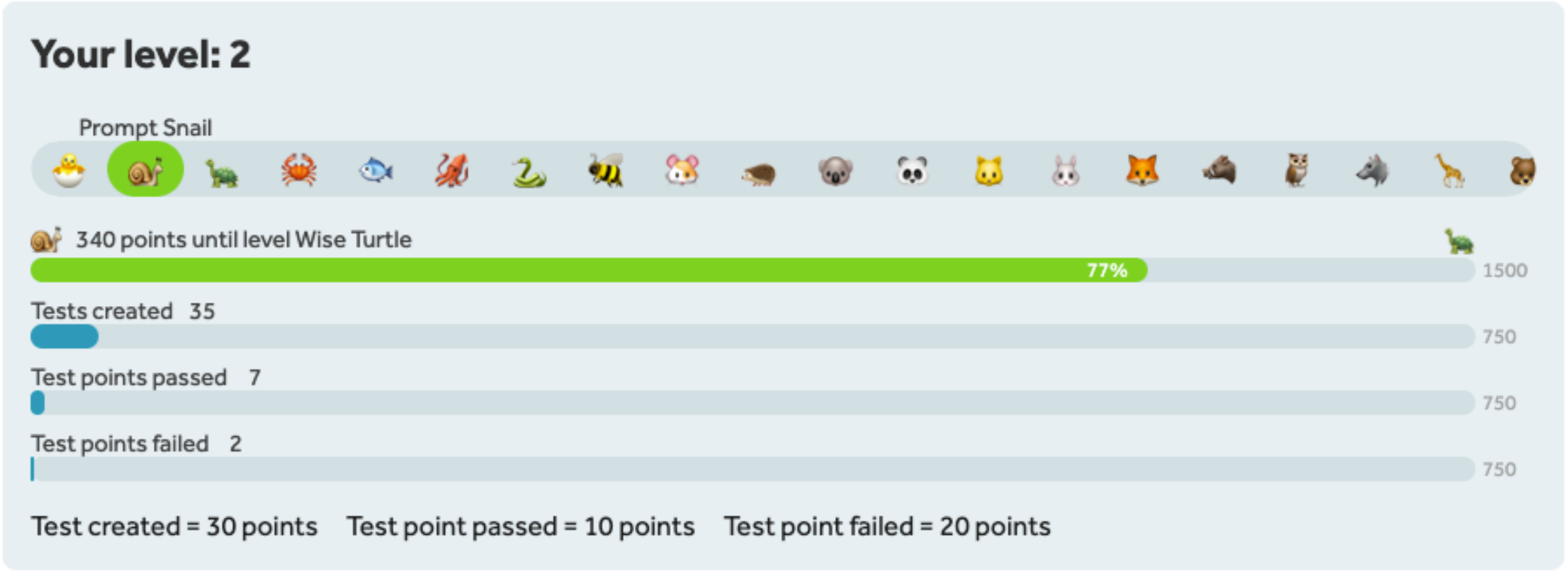
ТЕСТ ОТЧЕТ

ЛИЧНЫЙ ОТЧЕТ



ТЕСТ ОТЧЕТ

ГЕЙМИФИКАЦИЯ



Глава 7

ЕЩЕ НЕМНОГО МАГИИ

API ДЛЯ ТЕСТИРОВЩИКОВ

HEISENBUG

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API ДЛЯ ТЕСТИРОВЩИКОВ

HEISENBUG

СОЗДАЕМ ТЕСТЫ

Add Test Case

POST https://gold-lect.testit.software/api/v2/workItems

Params Authorization Headers (11) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
{"entityTypeName":"TestCases","description":"TestAPI for HB Conference","state":"Ready","priority":"High",
"steps":[
    {
        "action":"Hello World",
        "expected":"HoHoho"
    }
],
"preconditionSteps":[],
"postconditionSteps":[],
"duration":10,
"attributes":{},
"tags":[{"name":"API"}],
"attachments":[],
"links":[],
"name":"Test for Test API",
```

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API ДЛЯ ТЕСТИРОВЩИКОВ

“МИГРИРУЕМ” ТЕСТЫ

Шаг 1

Готовим Наши Таблички “action” & “expected”

action	expected
Login Process	----
Verify the login process with correct LicenseID, VehicleID, DriverID	1. Driver logged in to the app.2. Driver got navigation to waiting point - in case no o
Verify the login with the same Driver details from additional device	1. Error message - Driver Already Active - appear in app2. Driver was NOT logged.
SHIFT and Automation Brakes	
Verify the status of shift after driver login (trip assignment in MongoDB)	Status was changed to inProgress
Verify the automation break during the shift	20 min before the break (according the zone configuration):Driver disable for the or
Verify the status of shift after driver logged out in end of shift (trip assignment in MongoDB)	Status was changed to Finished
Waiting Process	----
Verify waiting point entry process - in case driver navigated to waiting point - no orders	1. Driver app got message: "We looking for passengers.."2. Driver is available for ord
Verify waiting point exit process - in case driver got order from waiting point	1. Driver get the order2. Driver got navigation to drop-off point
Verify waiting point exit process - in case driver get order from another point	1. Driver get the order2. Driver accept the order3. Driver got navigation to pickup p
Verify train stop point entry process - in case driver dropped passenger in train stop	1. "We are looking for passengers..." popup appears
Verify train stop point entry process - in case driver finish order and got assign to train station	1. Driver arrived to train station2. "We are looking for passengers..." popup appears
Verify train stop point entry process - in case driver have pickup passenger from there - driver wasn't wait	1. Driver waiting for more passengers according waiting time
Driving Process	----
Verify driving process during the ride to pickup point - in case passenger cancel the ride	1. Driver got update regarding cancelation2. Driver got new navigation to waiting p
Verify driving process during the ride to pickup point - in case new order added - navigation changed	1. Navigation was changed
Verify passenger pickup process - in case passenger not coming - navigation to waiting point	1. Driver waiting for passenger2. Driver cancel the order3. Driver got new navigatior
Verify passenger pickup process - in case passenger not coming - navigation to next order	1. Driver waiting for passenger2. Driver cancel the order3. Driver got new navigatior
Verify driving process during the ride - in case drop off passenger before ride stop	1. Driver click on drop off button2. Accept the drop off3. Driver got navigation to ne
"Accessibility" Rides	----
Verify driving process with passenger with "accessibility" - vehicle enable for accessibility	1. Driver accept the ride2. Driver finish order
Verify driving process with passenger with "accessibility" - vehicle unable for accessibility	1. Driver not accept the ride2. Passenger got decline for order
Driver Break	----
Verify driver break request from operator - driver status is free - in waiting point	1. "Break" button change to orange color2. Driver got navigation to terminal3. Drive
Verify driver break request from operator - driver status is free - in navigation to waiting point	1. "Break" button change to orange color2. Driver got navigation to terminal3. Drive
Verify driver break request from operator - driver status with passenger - in navigation to pickup point (addition passenger)	1. "Break" button change to orange color2. Driver continue with exist orders3. Drive
Verify driver break request from operator - driver status with passenger - in navigation to drop-off point	1. "Break" button change to orange color2. Driver continue with exist orders3. Drive
Verify driver break request from operator - driver status without passenger - in navigation to pickup point (for new passenger)	1. "Break" button change to orange color2. Driver continue with exist orders3. Drive
Verify driver break request from driver app - driver status is free - in waiting point	1. "Break" button change to orange color2. Driver got navigation to terminal3. Drive
Verify driver break request from driver app - driver status is free - in navigation to waiting point	1. "Break" button change to orange color2. Driver got navigation to terminal3. Drive
Verify driver break request from driver app - driver status with passenger - in navigation to drop-off point	1. "Break" button change to orange color2. Driver continue with exist orders3. Drive
Verify driver break request from driver app - driver status without passenger - in navigation to pickup point	1. "Break" button change to orange color2. Driver continue with exist orders3. Drive
Verify driver break exit from driver app	1. Driver start be enable for new orders2. Driver got navigation to waiting point or t
Verify driver break exit from operator - negative	1. Operator not available back driver from break2. Driver break status doesn't chang
Driver End Shift	----
Verify finish driver shift process	TBD
Logout Process	----
Verify driver logout process - driver with passengers	1. Driver got error message2. Driver app continue with order
Verify driver logout process - driver with orders	1. Driver got error message2. Driver app continue with order
Verify driver logout - driver is free	1. Driver was logout from app2. Operator dashboard was updated

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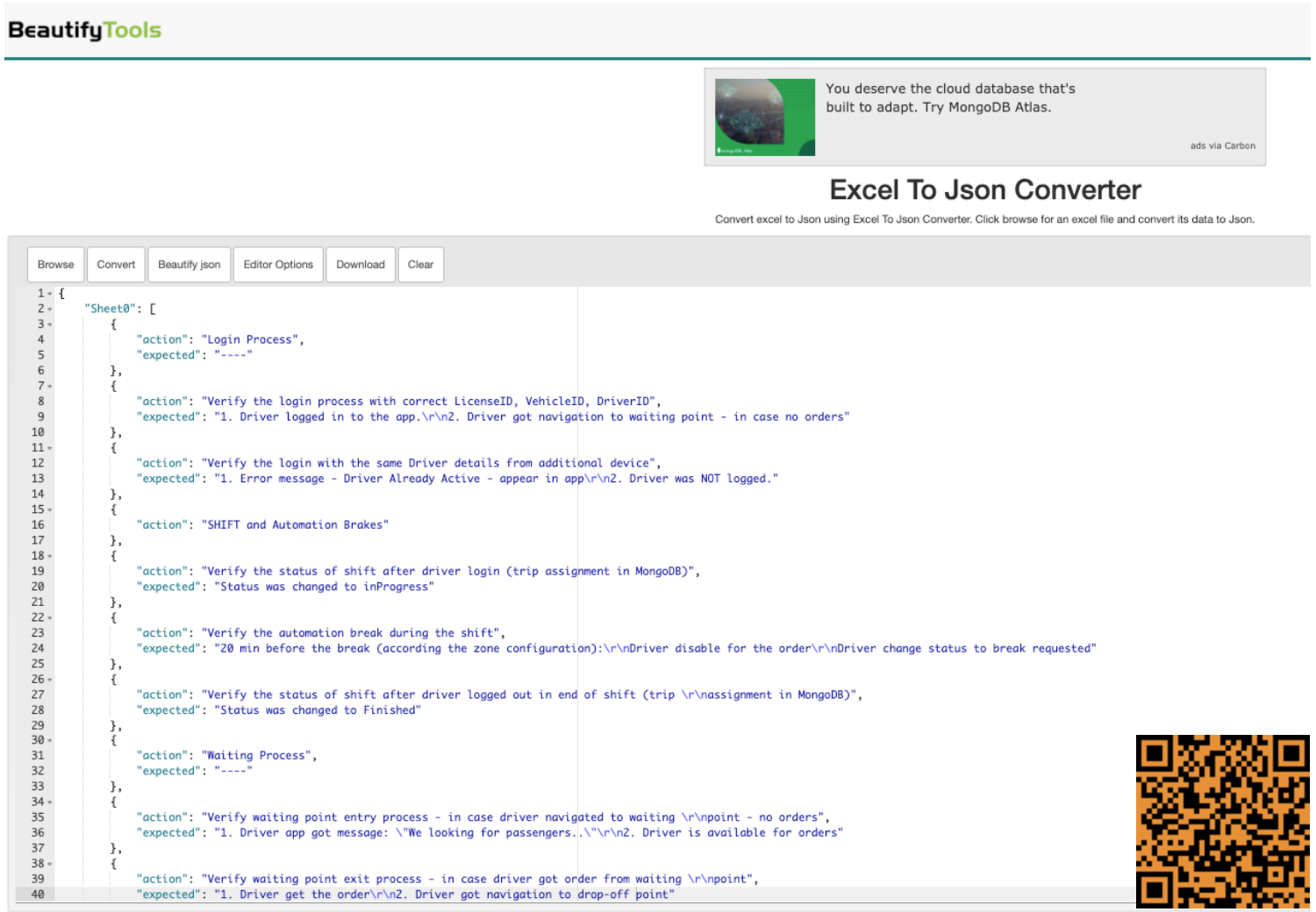
API ДЛЯ ТЕСТИРОВЩИКОВ

“МИГРИРУЕМ” ТЕСТЫ

Шаг 2

Преобразовываем табличку в JSON



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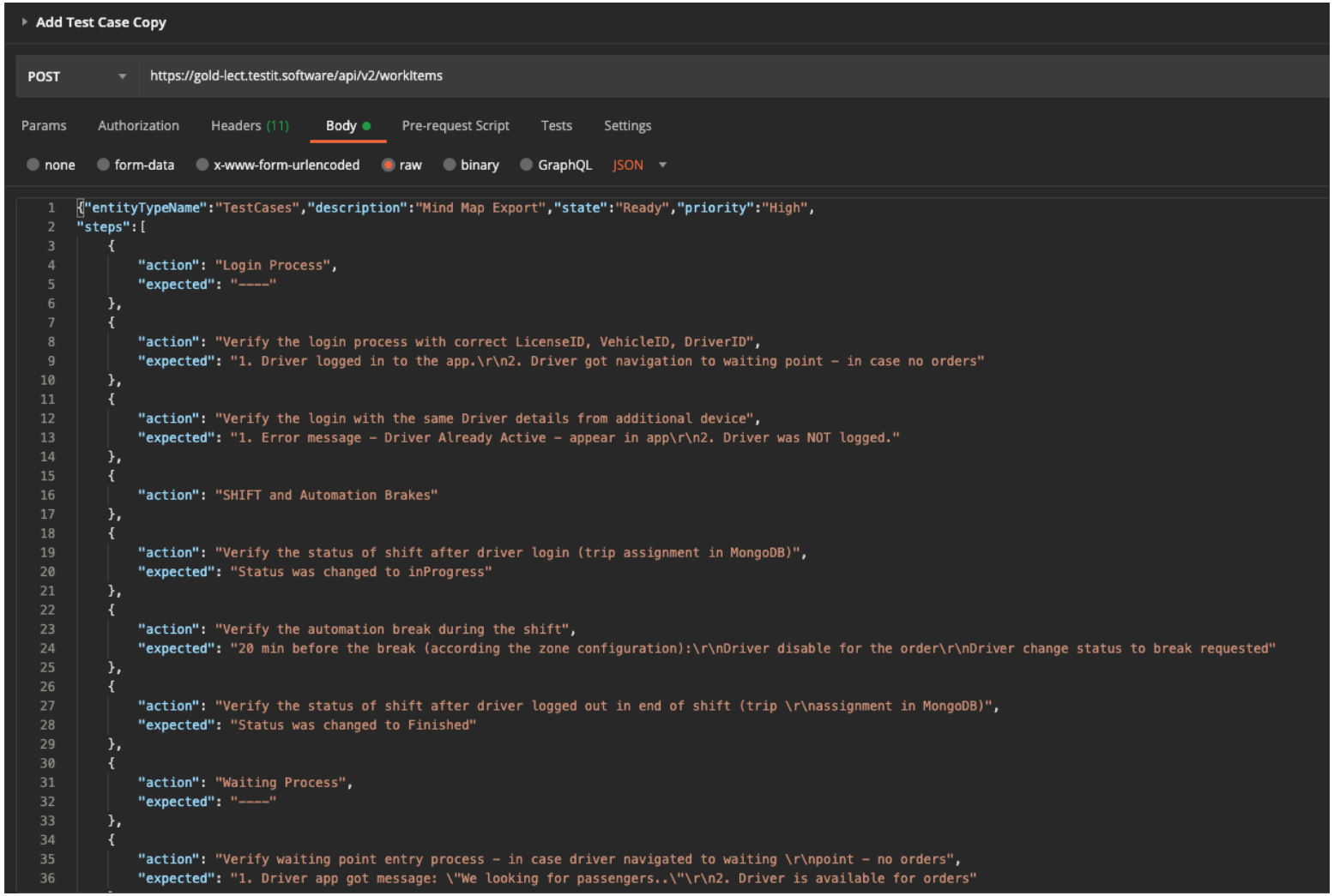
API ДЛЯ ТЕСТИРОВЩИКОВ

HEISENBUG

“МИГРИРУЕМ” ТЕСТЫ

Шаг 3

Постим
через APIшечку



API ДЛЯ ТЕСТИРОВЩИКОВ

“МИГРИРУЕМ” ТЕСТЫ

Магия

#62 Test Case Export - API

v1 tester

Delete Clone Create shared step

Test preconditions

Steps

1	Login Process	----
2	Verify the login process with correct LicenseID, VehicleID, DriverID	1. Driver logged in to the app. 2. Driver got navigation to waiting point - in case no orders
3	Verify the login with the same Driver details from additional device	1. Error message - Driver Already Active - appear in app 2. Driver was NOT logged.
4	SHIFT and Automation Brakes	Expected outcome
5	Verify the status of shift after driver login (trip assignment in MongoDB)	Status was changed to inProgress
6	Verify the automation break during the shift	20 min before the break (according the zone configuration): Driver disable for the order Driver change status to break requested
7	Verify the status of shift after driver logged out in end of shift (trip assignment in MongoDB)	Status was changed to Finished
8	Waiting Process	----
9	Verify waiting point entry process - in case driver navigated to waiting point - no orders	1. Driver app got message: "We looking for passengers.." 2. Driver is available for orders
10	Verify waiting point exit process - in case driver got order from waiting point	1. Driver get the order 2. Driver got navigation to drop-off point
11	Verify waiting point exit process - in case driver get order from another point	1. Driver get the order 2. Driver accept the order 3. Driver got navigation to pickup point
12	Verify train stop point entry process - in case driver dropped passenger in train stop	1. "We are looking for passengers..." popup appears
13	Verify train stop point entry process - in case driver finish order and got assign to train station	1. Driver arrived to train station 2. "We are looking for passengers..." popup appears
14	Verify train stop point entry process - in case driver have pickup passenger from there - driver wasn't wait	1. Driver waiting for more passengers according waiting time
15	Driving Process	----
16	Verify driving process during the ride to pickup point - in case passenger cancel the ride	1. Driver got update regarding cancelation 2. Driver got new navigation to waiting point

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Глава 8

ЕЩЕ НЕМНОГО УМНЫХ УМОЗАКЛЮЧЕНИЙ...

Тестеровщики заслуживают эффективные иструменты для эффективного решения проблем гибкой разработки

ГИБКИЕ ТРЕБОВАНИЯ
МНОГОЗАДАЧНОСТЬ
ДЕФИЦИТ ВРЕМЕНИ
ДИНАМИКА ИЗМЕНЕНИЙ

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TMS

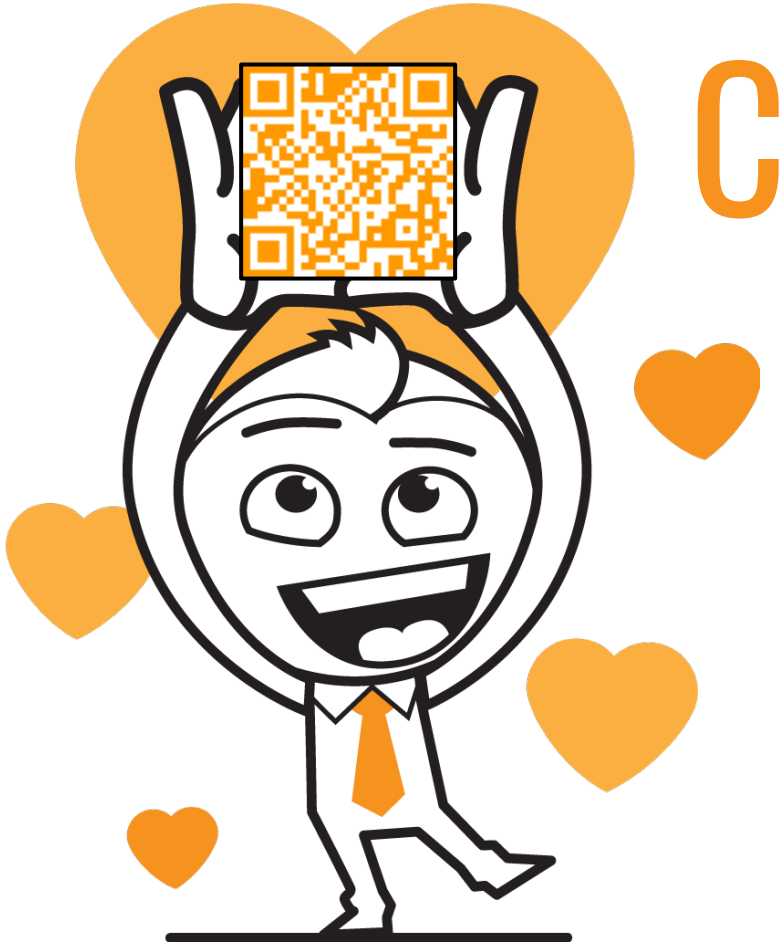
для тест инженеров

и только потом для менеджеров.

“JetBrains” для тестеровщиков - реальность, а не мечта...

TEST IT
software testing systems

КАЧЕСТВЕННЫЙ ПРОДУКТ -
РЕЗУЛЬТАТ
КАЧЕСТВЕННОЙ КОМАНДНОЙ РАБОТЫ,
С ПОМОЩЬЮ КАЧЕСТВЕННЫХ
ИНСТРУМЕНТОВ,
ГАРАНТИРУЕМЫЙ
КАЧЕСТВЕННЫМИ ПРОЦЕССАМИ



СПАСИБО!

ВОПРОСЫ?

www.iggmaster.com