

Šprint 10 - koniec

[IS-209] Smartcrop produktov Created: 24/Mar/19 Updated: 24/Mar/19 Resolved: 24/Mar/19	
Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Dominika Dolhá	Assignee:	Dominika Dolhá
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	15 minutes		
Original Estimate:	Not Specified		



[IS-195] [Update stranky](#) Created: 11/Mar/19 Updated: 23/Mar/19 Resolved: 23/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Dominika Dolhá	Assignee:	Dominika Dolhá
Resolution:	Done	Votes:	1
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	10 minutes		
Original Estimate:	Not Specified		



[IS-194] [Prerobit ukladanie obrazku](#) Created: 11/Mar/19 Updated: 24/Mar/19 Resolved: 24/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Tomas Pohl	Assignee:	Dominika Dolhá
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	45 minutes		
Original Estimate:	Not Specified		



[IS-192] [Uprava TP clanku na zaklade feedbacku](#)

Created: 11/Mar/19 Updated: 25/Mar/19 Resolved: 25/Mar/19

Status:	Done		
Project:	ImageSearch		
Component/s:	None		
Affects Version/s:	None		
Fix Version/s:	None		
Type:	Task	Priority:	Medium
Reporter:	Tomas Pohl	Assignee:	Dominika Dolhá
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	1 hour, 30 minutes		
Original Estimate:	Not Specified		
Story Points:	1		

[IS-191] [Pridanie ID produktov z e-shopu do importu dát, výsledkov vyhľadávania a spätnej väzby](#) Created: 11/Mar/19 Updated: 25/Mar/19 Resolved: 25/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Medium
Reporter:	Dominik Števlík	Assignee:	Jozef Schneider
Resolution:	Done	Votes:	0
Labels:	None		
Σ Remaining Estimate:	0 minutes	Remaining Estimate:	0 minutes
Σ Time Spent:	7 hours, 30 minutes	Time Spent:	7 hours
Σ Original Estimate:	Not Specified	Original Estimate:	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	IS-204	Code review	Sub-task	Done	Dominik Števlík
Story Points:	5				

Description

Pridat field *product_shop_id* : spravit migraciu, zmenit model, aktualizovat seed(vo feedback.json -> seen_products, search.json -> returned_products), aktualizovat *DataImport*.

Mozno treba aktualizovat aj nieco ine.

[IS-190] [Oprava scriptu na seed](#)

Created: 11/Mar/19 Updated: 18/Mar/19 Resolved: 18/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Tomas Pohl	Assignee:	Peter Malík
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	3 hours		
Original Estimate:	Not Specified		

Story Points:	2
----------------------	---

Description

Checknut ci sa da nejako escapenut \$ v JS pri importe. Ak nie, spravit to cez *mongoimport -db imagesearch --collection foobar --file foobar.json --jsonArray*.

Comments

Comment by [Peter Malík](#) [12/Mar/19]

Na to escape-ovanie dolaru som nenasiel riesenie, tak som to spravil cez mongoimport

[IS-188] [Odstranit sort ikonu zo searchu](#) Created: 11/Mar/19 Updated: 11/Mar/19 Resolved: 11/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Dominik Števlík	Assignee:	Dominik Števlík
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		



[IS-173] [Pridať stránkovanie do ukladania dopytu](#) Created: 04/Mar/19 Updated: 25/Mar/19 Resolved: 25/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Highest
Reporter:	Peter Gaspar	Assignee:	Dominik Števlík
Resolution:	Done	Votes:	0
Labels:	None		
Σ Remaining Estimate:	0 minutes	Remaining Estimate:	0 minutes
Σ Time Spent:	2 hours, 15 minutes	Time Spent:	1 hour, 30 minutes
Σ Original Estimate:	Not Specified	Original Estimate:	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	IS-207	Uprava seedu	Sub-task	Done	Dominik Števlík
	IS-210	Code review	Sub-task	Done	Jozef Schneider
Story Points:	3				

Description

Pridať atribut *page* do Search, aby sme vedeli na ktorej stránke bol pouz. (spraviť migráciu a pridať atribut do modelu a samozrejme zaznamenať).

Treba aktualizovať aj seed na Search.

[IS-167] Vytvorenie loga Created: 25/Feb/19 Updated: 25/Mar/19 Resolved: 25/Mar/19			
Status:	Done		
Project:	ImageSearch		
Component/s:	None		
Affects Version/s:	None		
Fix Version/s:	None		
Type:	Story	Priority:	High
Reporter:	Peter Gaspar	Assignee:	Dominika Dolhá
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	2 hours, 30 minutes		
Original Estimate:	Not Specified		
Story Points:	2		

[IS-166] Pridanie grafu zohľadňujúceho početnosť slov vo vyhľadávaných fráзах

Created: 25/Feb/19 Updated: 25/Mar/19 Resolved: 11/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	High
Reporter:	Peter Gaspar	Assignee:	Jozef Schneider
Resolution:	Done	Votes:	0
Labels:	None		
Σ Remaining Estimate:	0 minutes	Remaining Estimate:	0 minutes
Σ Time Spent:	3 hours, 40 minutes	Time Spent:	3 hours
Σ Original Estimate:	Not Specified	Original Estimate:	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	IS-186	Code review	Sub-task	Done	Dominik Števlík
Story Points:	3				

Description

Pozor na Stop-words.

Zmenit */statistics* na */admin/statistics*.

Filtrovanie zohľadnit voci customerovi.

[IS-165] [Layout domovskej stránky \(search\)](#) Created: 25/Feb/19 Updated: 25/Mar/19 Resolved: 25/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	High
Reporter:	Peter Gaspar	Assignee:	Dominik Števlík
Resolution:	Done	Votes:	0
Labels:	None		
Σ Remaining Estimate:	0 minutes	Remaining Estimate:	0 minutes
Σ Time Spent:	1 day, 1 hour	Time Spent:	1 day
Σ Original Estimate:	1 hour	Original Estimate:	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	IS-208	Code review	Sub-task	Done	Andrej Ščasný
Story Points:	3				

Description

Sprint 9: 1SP

Sprint10: 2SP

[IS-152] [Middleware pre vyhľadavanie](#) Created: 18/Feb/19 Updated: 25/Mar/19

Status:	In Progress
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Medium
Reporter:	Peter Gaspar	Assignee:	Andrej Ščasný
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	5 hours		
Original Estimate:	Not Specified		

Story Points:	13
----------------------	----

Description

Sprint 9: 10 SP

Sprint10: 3 SP

Odstranenie z frontendu veci, ktore tam netreba. Vytvorenie middleware pre ucely skrytia udajov.

Vsetky query cez toto pojdu. Pribalia sa IDcka user id, customer id a mozno nejake dalsie veci.

Frontend posle len query, proste len to co hladame, a tento middleware pripoji k tomu IDcka. IS backend potom odosle spat result aj so search_id

Postup:

1. Odstranit hidden fields (hidden fields ide do middleware-u)
2. Middleware bude poskytovat user_id a customer_id
3. Namapovat search_id



[IS-141] [Ako používateľ chcem byť upozornený na potrebu odoslania filtrovania produktov vo vyhľadávani](#) Created: 11/Feb/19 Updated: 25/Mar/19 Resolved: 12/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Highest
Reporter:	Peter Gaspar	Assignee:	Dominik Števlík
Resolution:	Done	Votes:	0
Labels:	None		
Σ Remaining Estimate:	0 minutes	Remaining Estimate:	0 minutes
Σ Time Spent:	3 hours, 20 minutes	Time Spent:	3 hours
Σ Original Estimate:	Not Specified	Original Estimate:	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	IS-187	Code review	Sub-task	Done	Jozef Schneider
Story Points:	2				

Description

Pridat Button pre filtrovanie (teda user musi explicitne kliknut na talcidlo, aby sa aplikoval filter).

Fixnut layout pri ziadnych vysledkov + fixnut Sort layout (pouzit ikony namiesto asc/desc).

[IS-125] Ako prevádzkovateľ chcem mať k dispozícii štatistiku dopytov z pohľadu klikateľnosti (CTR) a konverzie (conversion rate), aby som vedel zhodnotiť kvalitu vyhládávania Created: 10/Dec/18 Updated: 25/Mar/19 Resolved: 25/Mar/19

Status:	Done
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	High
Reporter:	Peter Gaspar	Assignee:	Peter Malík
Resolution:	Done	Votes:	0
Labels:	None		
Σ Remaining Estimate:	0 minutes	Remaining Estimate:	0 minutes
Σ Time Spent:	1 week, 2 days, 3 hours, 5 minutes	Time Spent:	1 day
Σ Original Estimate:	Not Specified	Original Estimate:	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	IS-171	Vytvorit seed	Sub-task	Done	Jozef Schneider
	IS-181	Bug fixes	Sub-task	Done	Tomas Pohl
	IS-182	CTR	Sub-task	Done	Tomas Pohl
	IS-183	Conversion rate	Sub-task	Done	Peter Malík
	IS-184	Grafy	Sub-task	Done	Peter Malík
	IS-206	Code review	Sub-task	Done	Jozef Schneider
Story Points:	13				

Description

Postup (aka Sub-tasky):

1. Vytvorit seed
2. Spravit query
3. Naparnut klinutia na nakupy (a aj na pouzivatelä)
4. Time window (napr. 7 dni)
5. Vykreslit grafy (time series) – mozno nejaky kalendar (zäciatok - koniec ?)

Šprint 11 – začiatok

[IS-214] Update stranky Created: 25/Mar/19 Updated: 25/Mar/19	
Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Dominika Dolhá	Assignee:	Dominika Dolhá
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		



[IS-211] [Prerobit IDcka vratenych produktov zo Search](#) Created: 25/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Tomas Pohl	Assignee:	Dominik Števlík
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	1
----------------------	---

Description

Premapovat nase IDcka na *customer_produkt_id*.

[IS-202] [UX upravy pri nahravani obrázka](#) Created: 18/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Medium
Reporter:	Peter Gaspar	Assignee:	Dominik Števlík
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	3
---------------	---

Description

- Pridanie sprievodný text (preloading)
- Pridanie tlačidiel pre priblíženie a vzdialenie obrázkov.
- Rozšírenie obrázka na plnú šírku.

[IS-201] [TP Cup Prezentácia \(Blog + Dotazník\)](#) Created: 18/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Highest
Reporter:	Peter Gaspar	Assignee:	Jozef Schneider
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	5
---------------	---

Description

Postup je takyto:

- pripravte prezentáciu projektu a poslite v stanovenom termíne na tpcup@robime.it✉

Pokyny k príprave prezentácie

- Obsah: zaujímavý text doplnený 1-3 obrázkami (tím, obrázok aplikácie...), ktorý čo najlepšie predstaví váš tím a projekt IT verejnosti
- Odporúčany rozsah: min. 300 slov, cca do 600 slov
- Fotografie/obrázky, ktoré sú súčasťou článku, posielajte ako samostatné prílohy
- Článok by mal obsahovať obrázok rozmerov min. 200x200, ktorý sa zobrazí v úvode článku a na zozname blogov: <http://robime.it/blog>

Články budú zdieľané

na <http://robime.it> | fb.com/robimeit | linkedin.com/robimeit | [@robimeit](https://twitter.com/robimeit).

[IS-200] [TP Cup Video + Foto](#) Created: 18/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Highest
Reporter:	Peter Gaspar	Assignee:	Dominika Dolhá
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	13
----------------------	----

Description

Scenar: https://docs.google.com/document/d/1-ReHD_mH2ne8la4oBYV_pEACDB4zUyknwqTSy1alfqw/edit?usp=sharing

Format videa: bez obmedzeni

Trvanie: 1,5-2 minuty

odkaz na video (youtube alebo odkaz na video na DropBox / Google Drive / nejaky Cloud)

identifikacia timu (nazov timu, cislo timu, clenovia timu, veduci timu, stranka timu, nazov projektu)

sprievodny text k videu - 3-4 vety (teasing), ktory sa zobrazi pri videu - ciel motivovat navstevnika, aby klikol prave na vase

Ak je to mozne, tak nedat screencast, ale animaciu (napr. Adobe SPark).

[IS-199] [Nastavenie hranice pre vyhľadavanie obrázkov](#) Created: 18/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Medium
Reporter:	Peter Gaspar	Assignee:	Dominika Dolhá
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	2
----------------------	---

Description

- Pridat treshold pre strankovanie (tie page pre produkty ktore uz nebudu relevantne)
 - Ak klesne podobnost pod urcitu hranicu
- Idealny scenar je ak sa bude hranica urcovat na zaklade feedbacku
 - ale toto uz je high fidelity, mozme to zatiaľ prezentovat ze to je plan do buducna

[IS-198] [Otestovanie aplikácie s vyšším počtom produktov](#) Created: 18/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Medium
Reporter:	Peter Gaspar	Assignee:	Peter Malík
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	3
----------------------	---

Description

- Treba poskusat rozne modely a otestovat, ktore budu mat najlepsie vysledky , treba sa s tym trosku pohrat
 - [Peter Malík](#) pouzitie tychto modelov pripravil, pripadne otazky smerujte nanho (zevraj staci zmenit 2 riadky v kode)
- Treba zmenit v settings.py aj RESIZED_IMAGE_SIZE podľa modelu,
- Dalej treba nanovo naimportovat Data na testovanie, aby sa feature vektory vypocitali cez ten novy model.
- Vyexportovat seed z najlepsiého modelu

[IS-197] [Pripravenie aplikácie na produkčnú prevádzku](#) Created: 18/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	High
Reporter:	Peter Gaspar	Assignee:	Dominik Števlík
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	5
----------------------	---

Description

- Aktualizacia Master vetvy
- Treba vyriesit najprv Andyho dva problemy – media images pridať do static a pripadne reset Monstachu po PanicError (avsak monstache nie je priorita).
- Test dizajnu na telefone
- Spraviti si scenar ako to bude clovek realne pouzivat
 - poriadne to otestovat, aby to nepadalo, oskusaj aj filtre atd

[IS-196] [Fix pagination v UserSearch](#) Created: 18/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Medium
Reporter:	Peter Gaspar	Assignee:	Andrej Ščasný
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	8
----------------------	---

Description

Upravit product search api tak aby vracala JSON v ktorom budu meta informacie o strankovani a plus zoznam produktov

Treba taktiez zapracovat prepojenie s existujucim middlewarom aby sa vymienali JSONy.

Taktiez treba zabezpecit frontend, aby sa spravne vykresloval, momentalne tam je prepouzity partial z administracie, ktory vsak ockava produkty typu page, treba to prepisat taktiez na POST request kvoli tomu ze api je specifikovana ako POST , v sablonke su pouzite linky (GET).

Opravit aj na landing page(hidden fields).

[IS-193] [Poster na IITSRC](#) Created: 11/Mar/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Task	Priority:	Medium
Reporter:	Tomas Pohl	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	8
---------------	---

Description

IITSRC 2018:

- - - - - - format A1 na sirku (landscape)*****
- poster sluzi na prezentáciu hlavných cieľov a výsledkov projektu, pričom zároveň sluzi aj ako pomôcka pri diskutovaní k práci, ktorú prezentuje
- poster by mal byť zaujímavý, putavý a aj z diaľky by mal prilákať účastníkov - tomu musí zodpovedať aj písmo, menšie písmo ako 18pt nepoužívajte, ideálne najmenšie okolo 20pt, nadpis aj 60pt (vzhľadom na veľkosť posteru)
- obsah posteru nemusí byť totožný s vaším príspevkom, ak ste sa v práci posunuli ďalej, vykonali experimenty a pod., prezentujte to čo aktuálne máte, aby ste v diskusii čo najviac získali

-ukazky niektorých minuloročných posterov nájdete na:

<http://mariabelik.zenfolio.com/posters>

kedze tieto diela su len pre internu potrebu na pozretie, heslo je "iitsrc"
Tu su sice postery vecsie a vacsinou portrait, ale vidite z toho o co ide.

[IS-153] [Spojenie výsledkov textového a obrázkového vyhľadávania](#) Created: 18/Feb/19 Updated: 25/Mar/19

Status:	To Do
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Highest
Reporter:	Peter Gaspar	Assignee:	Tomas Pohl
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Story Points:	13
----------------------	----

Description

Najst sposob ako skombinovat text-query a image-query. Mozno sa to da rovno v ES, ak nie, tak to treba spravit v Pythone (nezabudnut na normalizaciu vah ak sa zvolí tato metoda).

Ak sa to bude robit mimo ES, tak bude treba spojit tie dva zoznamy – vysledok obr. vyhl. a vysledok textoveho.

[IS-152] [Middleware pre vyhľadavanie](#) Created: 18/Feb/19 Updated: 25/Mar/19

Status:	In Progress
Project:	ImageSearch
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Medium
Reporter:	Peter Gaspar	Assignee:	Andrej Ščasný
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	0 minutes		
Time Spent:	5 hours		
Original Estimate:	Not Specified		

Story Points:	13
----------------------	----

Description

Sprint 9: 10 SP

Sprint10: 3 SP

Odstranenie z frontendu veci, ktore tam netreba. Vytvorenie middleware pre ucely skrytia udajov.

Vsetky query cez toto pojdu. Pribalia sa IDcka user id, customer id a mozno nejake dalsie veci.

Frontend posle len query, proste len to co hladame, a tento middleware pripoji k tomu IDcka. IS backend potom odosle spat result aj so search_id

Postup:

1. Odstranit hidden fields (hidden fields ide do middleware-u)
2. Middleware bude poskytovat user_id a customer_id
3. Namapovat search_id

Generated at Mon Mar 25 16:37:12 UTC 2019 by Dominika Dolhá using Jira 7.12.1#712002-sha1:609a50578ba6bc73dbf8b05dddd7c04a04b6807c.