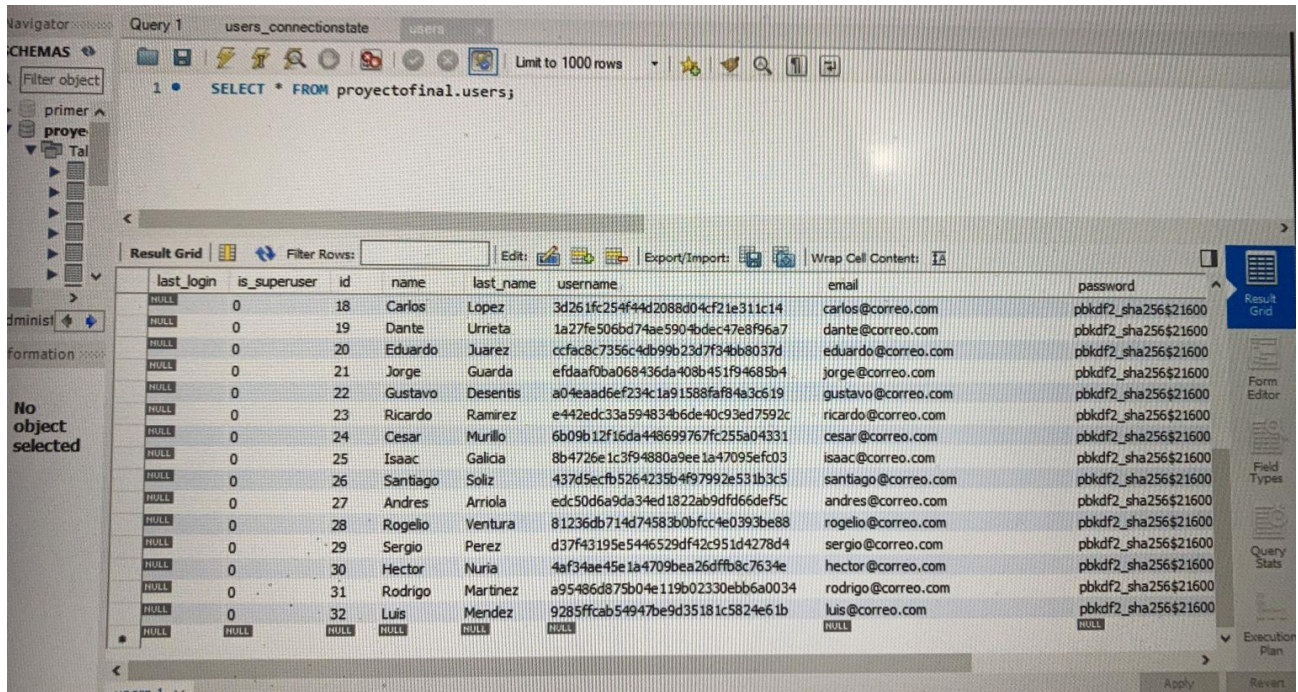


Proyecto Final

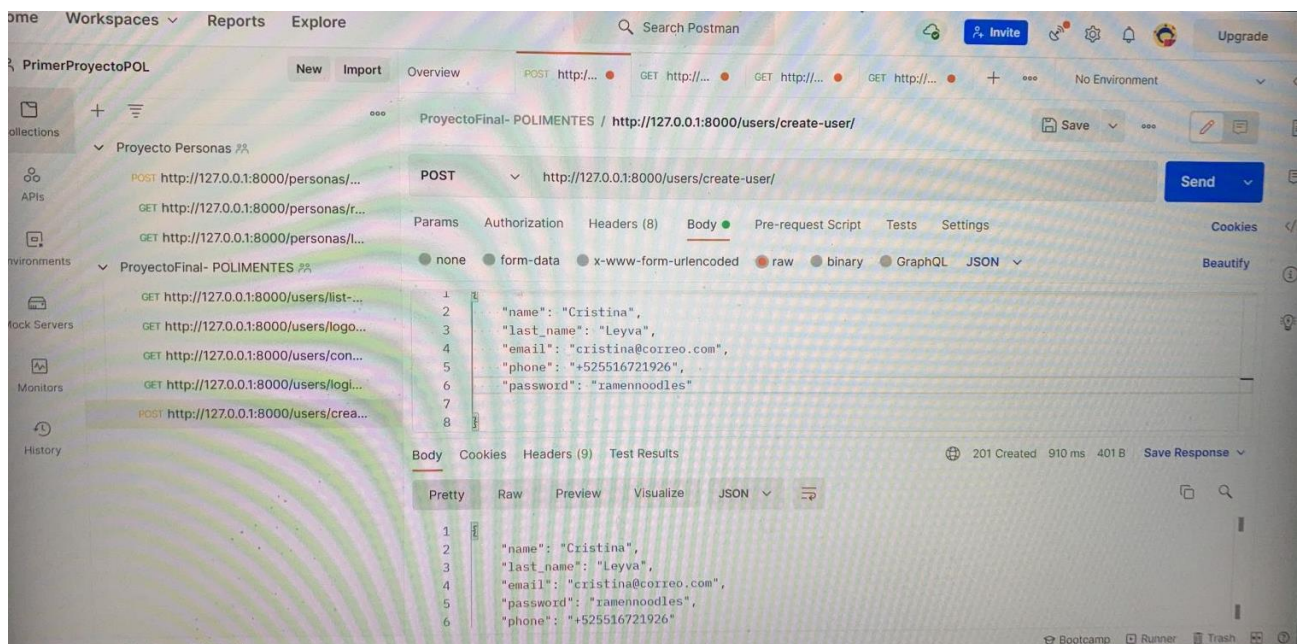
A continuación, se presenta el funcionamiento de todas las vistas del proyecto en cuestión a partir de la creación de un usuario del sistema hasta su logout.

- **VISTA 1: CREATE**

Crea a un usuario por el metodo POST con los datos name, last_name, email, password y pone, generando el usuario de manera automática.



last_login	is_superuser	id	name	last_name	username	email	password
NULL	0	18	Carlos	Lopez	3d261fc254f44d2088d04cf21e311c14	carlos@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	19	Dante	Urrieta	1a27fe506bd74ae5904bdec47e8f96a7	dante@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	20	Eduardo	Juarez	ccfac8c7356c4db99b23d7f34bb8037d	eduardo@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	21	Jorge	Guarda	efdaaf0ba068436da408b451f94685b4	jorge@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	22	Gustavo	Desentis	a04easd6ef234c1a91588fa84a3c619	gustavo@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	23	Ricardo	Ramirez	e442edc33a594834b6de40c93ed7592c	ricardo@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	24	Cesar	Murillo	6b09b12f16da448699767c255a04331	cesar@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	25	Isaac	Galicia	8b4725e1c3f94880a9ee1a47095efc03	isaac@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	26	Santiago	Soliz	437d5ecfb5264235b4f97992e531b3c5	santiago@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	27	Andres	Arriola	edc50d6a9da34ed1822ab9dfd66def5c	andres@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	28	Rogelio	Ventura	81236db714d74583b0bffc4e0393be88	rogerio@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	29	Sergio	Perez	d37f43195e5446529df42c951d4278d4	sergio@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	30	Hector	Nuria	4af34ae45e1a4709bea26dfb8c7634e	hector@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	31	Rodrigo	Martinez	a95486d875b04e119b02330ebb6a0034	rodrigo@correo.com	pbkdf2_sha256\$21600\$...
NULL	0	32	Luis	Mendez	9285ffcab54947be9d35181c5824e61b	luis@correo.com	pbkdf2_sha256\$21600\$...



Observamos como al ser creado un usuario por default toma el valor de conexión 1, es decir “offline”, el cual cambiará hasta que haga su login oficialmente.

last_login	is_superuser	id	name	last_name	username	email	password	phone	state_id
NULL	0	3	Calu	Marcelin	296dd9c7bc22414aa122e93063140d79	calu@correo.com	pbkdf2_sha256\$216000\$09C2yvm...	+52554595876	2
NULL	0	4	Christian	Gil	84576f3db114a3cab78e4fd403b8b4	chris@correo.com	pbkdf2_sha256\$216000\$G88KjYf...	+52789564134	1
NULL	0	5	Fernanda	Marcelin	59a5e43bc8d04bb5808e90cac3f37c5	fer@correo.com	pbkdf2_sha256\$216000\$TqlaauQ...	+5256847968	1
NULL	0	6	Daniel	Ramirez	e04cd2c6544d47a7a2a63da3f3b5899c	dan@correo.com	pbkdf2_sha256\$216000\$MwLGNmW...	+5249783125	1
NULL	0	7	Javier	Ibarra	20c969a4e31d49b6a399ba2c3d5fa90b	javi@correo.com	pbkdf2_sha256\$216000\$WRuhbQx...	+5212345678	1
NULL	0	8	Gabriel	Ayala	5742355b3c4412895fbf67c99d0bbcb	gabao@correo.com	pbkdf2_sha256\$216000\$JijTSP2P5...	+5298765432	1
NULL	0	9	Omar	Aldaco	091d79aa2a104493b3ddadeee09d2a43	omar@correo.com	pbkdf2_sha256\$216000\$X7Lhfdnu...	+5213467982	1
NULL	0	10	Alexis	Roldan	3c46566675344f97b86e2ebd896c323	alexis@correo.com	pbkdf2_sha256\$216000\$XG5b20Jo...	+5246197328	1
NULL	0	11	Raul	Gutierrez	e704a305e9734f4faabcb2ecc267f9c	raul@correo.com	pbkdf2_sha256\$216000\$vet.c0Zn8V...	+525579841652	1
NULL	0	12	Guillermo	Alvarado	f81b6d285373431c98d5b396e9346743	guillermo@correo.com	pbkdf2_sha256\$216000\$WimD5Rd6...	+5246917631	1
NULL	0	13	Ruben	Sanchez	0de255151bc7436f83b913c30915f266	ruben@correo.com	pbkdf2_sha256\$216000\$BVW3ZC7o...	+5203129478	1
NULL	0	14	Arturo	Juarez	56dd6e3261e646aba34b4db4e9cd85b9	arturo@correo.com	pbkdf2_sha256\$216000\$J6XDMKO...	+5226341159	1
NULL	0	15	Israel	Contreras	868b133cc4fa98d8d31ab2ada796fc3	israel@correo.com	pbkdf2_sha256\$216000\$HgfG5pZ7...	+5255448855	1
NULL	0	16	Axel	Tolentino	4544d12e6d574149b3dd3742e5e639f	axel@correo.com	pbkdf2_sha256\$216000\$Q0xIMDRR...	+5211223344	1
NULL	0	17	Francisco	Diaz	79275f02d9e44afae2511f0d7ee1a34	francisco@correo.com	pbkdf2_sha256\$216000\$RldkGk4h...	+5255669988	1
NULL	0	18	Carlos	Lopez	3d261fc254f44d2088d04cf21e311c14	carlos@correo.com	pbkdf2_sha256\$216000\$J6yH4mK...	+5277225544	1
NULL	0	19	Dante	Urrieta	1a27fe506bd74ae5904bdec47e8f96a7	dante@correo.com	pbkdf2_sha256\$216000\$F7znazA2...	+5200664499	1
NULL	0	20	Eduardo	Juarez	ccfac8c7356c4db99b23d7734bb8037d	eduardo@correo.com	pbkdf2_sha256\$216000\$60Mkj08o...	+5244330099	1
NULL	0	21	Jorge	Guarda	efdaaf0ba068436da408b451f94685b4	jorge@correo.com	pbkdf2_sha256\$216000\$yzlBul1Qe...	+5255112226	1
NULL	0	22	Gustavo	Desentis	a04eaad6ef234c1a91588fa84a3c619	gustavo@correo.com	pbkdf2_sha256\$216000\$mj7JOCZhu...	+5255334956	1
NULL	0	23	Ricardo	Ramirez	e442edc33a594834b6de40c93ed7592c	ricardo@correo.com	pbkdf2_sha256\$216000\$UjR9A7Z...	+5276854499	1
NULL	0	24	Cesar	Murillo	6b09b12f16da448699767fc255a04331	cesar@correo.com	pbkdf2_sha256\$216000\$TqBtZp5...	+5277374462	1
NULL	0	25	Isaac	Galdia	8b47261c3f94880a9ee1a47095efc03	isaac@correo.com	pbkdf2_sha256\$216000\$7gJdUfU5...	+5213080298	1
NULL	0	26	Santiago	Soliz	437d5ecfb5264233b4f97992e531b3c5	santiago@correo.com	pbkdf2_sha256\$216000\$P0h8ZlV...	+5224647598	1
NULL	0	27	Andres	Arriola	edc50d6a9da34ed1822ab9dfd66def5c	andres@correo.com	pbkdf2_sha256\$216000\$vaEtlygcv...	+5230214597	1
NULL	0	28	Rogelio	Ventura	81236db714d74583b0bffc4e0393be88	rogelio@correo.com	pbkdf2_sha256\$216000\$Ae8WfZSf...	+5274102589	1
NULL	0	29	Sergio	Perez	d37f43195e5446529df42c951d4278d4	sergio@correo.com	pbkdf2_sha256\$216000\$pydWNjM...	+5255369852	1
NULL	0	30	Hector	Nuria	4af34ae45e1a4709bea26dfb8c7634e	hector@correo.com	pbkdf2_sha256\$216000\$b600sMcp...	+5285201697	1
NULL	0	31	Rodrigo	Martinez	a95486d875b04e119b02330ebb6a0034	rodrigo@correo.com	pbkdf2_sha256\$216000\$F5hNhmrg...	+5216497532	1
NULL	0	32	Luis	Mendez	9285ffcab54947be9d35181c5824e61b	luis@correo.com	pbkdf2_sha256\$216000\$Y5T0CQG...	+5288441122	1
NULL	0	33	Cristina	Leyva	d4a2576abdb47d6a9fbc4b39f30325a	cristina@correo.com	pbkdf2_sha256\$216000\$HNVGBcSF...	+525516721926	1

• VISTA 2: LOGIN

A partir del email y contraseña del usuario se valida la misma y de coincidir se cambia el estado de offline a online del objeto y si todo salió bien despliega un mensaje de bienvenida.

The screenshot shows a REST client interface with a sidebar on the left containing 'collections' and 'environments'. The main area displays a GET request to `http://127.0.0.1:8000/users/login/?email=cristina@correo.com&password=ramennoodles`. The response is a JSON object: `{"message": "WELCOME!"}`. The status is 200 OK, 731 ms, 303 B.

KEY	VALUE	DESCRIPTION
email	cristina@correo.com	
password	ramennoodles	

Observamos como en la base se refleja su cambio de estado a “2” es decir ONLINE

last_login	is_superuser	id	name	last_name	username	email	password	phone	state_id
NULL	0	3	Calu	Marcelin	296dd9c7bc22414aa122e93063140d79	calu@correo.com	pbkdf2_sha256\$216000\$09C2yvmn...	+52554595876	2
NULL	0	4	Christian	Gil	8d576f3dbc114a3cab78e4fdd403b8b4	chris@correo.com	pbkdf2_sha256\$216000\$G68BKjYf...	+52789564134	1
NULL	0	5	Fernanda	Marcelin	59a5e43bc8d048b5808e90cacf3f37c5	fer@correo.com	pbkdf2_sha256\$216000\$eTqlaauPQ...	+5256847968	1
NULL	0	6	Daniel	Ramirez	e04cd2c6544447a7a2a63da3f3b58996	daniel@correo.com	pbkdf2_sha256\$216000\$MwLGNwL...	+5249783125	1
NULL	0	7	Javier	Ibarra	20c969a4e31d49b6a399ba2c3d5fa90b	javi@correo.com	pbkdf2_sha256\$216000\$WRuhbQx...	+5212345678	1
NULL	0	8	Gabriel	Ayala	57423555bc34412895fb67c99ddbbdb	gabao@correo.com	pbkdf2_sha256\$216000\$JITSP2PS...	+5298765432	1
NULL	0	9	Omar	Aldaco	091d79aa2a104493b3ddadeee09d2a43	omar@correo.com	pbkdf2_sha256\$216000\$X7Lhfdnu...	+5213467982	1
NULL	0	10	Alexis	Roldan	3c46566675344f97bb86e2ebd896c323	alexis@correo.com	pbkdf2_sha256\$216000\$DGSb20Jo...	+5246197328	1
NULL	0	11	Raul	Gutierrez	e704a305e9734f4faabc0b2ecc267f9c	raul@correo.com	pbkdf2_sha256\$216000\$vet.c0ZNBv...	+525579841652	1
NULL	0	12	Guillermo	Alvarado	f81b6d285373431c98d5b396e9346743	guillermo@correo.com	pbkdf2_sha256\$216000\$WmD5Rd6...	+5246917631	1
NULL	0	13	Ruben	Sanchez	0de255151bc7436f83b913c30915f266	ruben@correo.com	pbkdf2_sha256\$216000\$8vW3X7o...	+5203129478	1
NULL	0	14	Arturo	Juarez	56dd6e3261e646aba34b4db4e9cd85b9	arturo@correo.com	pbkdf2_sha256\$216000\$J6XDMKO...	+5226341159	1
NULL	0	15	Israel	Contreras	868b133cc4fa48d88d31ab2ada796f3f	israel@correo.com	pbkdf2_sha256\$216000\$HgfCg5pZ7...	+5255448855	1
NULL	0	16	Axel	Tolentino	4544d12e6d574149b3dd3742e5ef639f	axel@correo.com	pbkdf2_sha256\$216000\$DoxthMDRR...	+5211223344	1
NULL	0	17	Francisco	Diaz	79275f02d9e444fae2511f0d7ee1a34	francisco@correo.com	pbkdf2_sha256\$216000\$RkldGk4zh...	+5255669988	1
NULL	0	18	Carlos	Lopez	3d261fc254f44d2088d04cf21e311c14	carlos@correo.com	pbkdf2_sha256\$216000\$fxYHmkC...	+5277225544	1
NULL	0	19	Dante	Urieta	1a27fe506bd74ae5904bdec47e8f96a7	dante@correo.com	pbkdf2_sha256\$216000\$SFTznazA2...	+5200664499	1
NULL	0	20	Eduardo	Juarez	ccfac8c7356c4db99b2347f34bb8037d	eduardo@correo.com	pbkdf2_sha256\$216000\$160Mkj08o...	+5244330099	1
NULL	0	21	Jorge	Guarda	efdaaf0ba068436da408b451f94685b4	jorge@correo.com	pbkdf2_sha256\$216000\$yZBu1Qje...	+5255112226	1
NULL	0	22	Gustavo	Desentis	a04eaad6ef234c1a91588fa84a3c619	gustavo@correo.com	pbkdf2_sha256\$216000\$mj7JOCzhJ...	+5255334956	1
NULL	0	23	Ricardo	Ramirez	e442edc33a594834b6de40c93ed7592c	ricardo@correo.com	pbkdf2_sha256\$216000\$JhR9AfZ...	+5276854499	1
NULL	0	24	Cesar	Munilo	6b09b12f16da448699767c255a04331	cesar@correo.com	pbkdf2_sha256\$216000\$TqB1zpf5...	+5277304262	1
NULL	0	25	Isaac	Galicia	8b4726e1c3f94880a9ee1a47095efc03	isaac@correo.com	pbkdf2_sha256\$216000\$7yduDfUs...	+5213080298	1
NULL	0	26	Santiago	Soliz	437d5ecfb5264235b4f97992e531b3c5	santiago@correo.com	pbkdf2_sha256\$216000\$CPoH8ZvL...	+5224647598	1
NULL	0	27	Andres	Arriola	edc50d6a9da34ed1822ab9df66def5c	andres@correo.com	pbkdf2_sha256\$216000\$VfaEYgcv...	+5230214597	1
NULL	0	28	Rogelio	Ventura	81236db714d74583b0bfc4e0393be88	rogelio@correo.com	pbkdf2_sha256\$216000\$Ae8wFZsf...	+5274102589	1
NULL	0	29	Sergio	Perez	d37f43195e5446529df42c951d4278d4	sergio@correo.com	pbkdf2_sha256\$216000\$pydWNJhM...	+5255369852	1
NULL	0	30	Hector	Nuria	4af34ae45e1a4709bea26dffb8c7634e	hector@correo.com	pbkdf2_sha256\$216000\$b600aMcp...	+5285201697	1
NULL	0	31	Rodrigo	Martinez	a95486d875b04e115b02330ebb6a0034	rodrigo@correo.com	pbkdf2_sha256\$216000\$fShhngmrq...	+5216497532	1
NULL	0	32
NULL	0	33	Cristina	Leyva	d4a257b6abcb47d6a9fbc4b39f30325a	cristina@correo.com	pbkdf2_sha256\$216000\$HlnvGBCSF...	+525516721926	2

• VISTA 3: CONNECTED

Por medio del correo del usuario consulto su estado, es decir si está online u offline.

Con el fin de mostrar su funcionamiento en ambos casos, ingresaremos los datos de un usuario que no esté conectado y el del usuario de las vistas anteriores que ya realizó su login.

GET
http://127.0.0.1:8000/users/connected/?email=alexis@correo.com
Send

Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> email	alexis@correo.com		
Key	Value	Description	

Body
Cookies
Headers (9)
Test Results

404 Not Found
51 ms
313 B
Save Response

Pretty
Raw
Preview
Visualize
JSON

```

1
2
3
{
  "status": "Offline user"
}

```


GET ▼ http://127.0.0.1:8000/users/connected/?email=cristina@correo.com Send ▼

Params ● Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> email	cristina@correo.com			
Key	Value	Description		

Body Cookies Headers (9) Test Results 200 OK 45 ms 305 B Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
1 {  
2   "status": "Online user"  
3 }
```

- **VISTA 4: LOGOUT**

A través del email se cambia el estado de conexión del usuario indicado a "1" (OFFLINE). De ya encontrarse desconectado se envía el mensaje correspondiente.

GET ▼ http://127.0.0.1:8000/users/logout/?email=cristina@correo.com Send ▼

Params ● Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

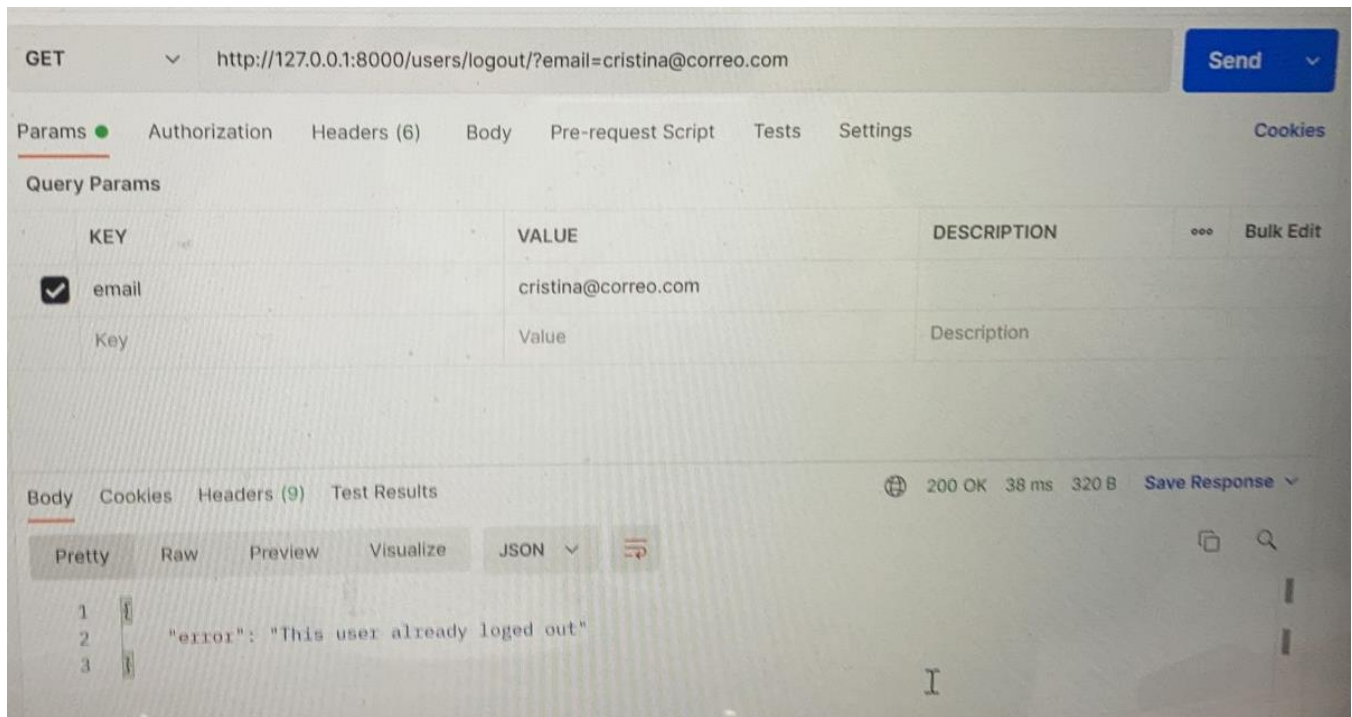
Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> email	cristina@correo.com			
Key	Value	Description		

Body Cookies Headers (9) Test Results 200 OK 58 ms 316 B Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
1 {  
2   "message": "BYE, HAVE A NICE DAY!"  
3 }
```



• VISTA 5: LOGOUT

Finalmente accedo a la lista de todos los usuarios activos al momento por email y username.

id	username	password	phone	state_id			
3	Calu	Marcelin	296dd9c7bc22414aa122e93063140d79	calu@correo.com	pbkdf2_sha256\$216000\$09C2yvnm...	+52554595876	2
5	Fernanda	Marcelin	59a5e43bcd048b5808e90ac3f37c5	fer@correo.com	pbkdf2_sha256\$216000\$TqlaupQ...	+5256847968	1
6	Daniel	Ramirez	e04cd2c6544d47a7a2a63da3f3b58996	dan@correo.com	pbkdf2_sha256\$216000\$MwLGNwL...	+5249783125	1
7	Javier	Ibarra	20c969a4e31d49b6a399ba2c3d5fa90b	javi@correo.com	pbkdf2_sha256\$216000\$WRuhbQx...	+5212345678	1
8	Gabriel	Ayala	57423553bc34412895fbf67c99ddbbcb	gabo@correo.com	pbkdf2_sha256\$216000\$JlTSP2PS...	+5298765432	1
9	Omar	Aldaco	091d79aa2a104493b3ddadeee09d2a43	omar@correo.com	pbkdf2_sha256\$216000\$JLthfdu...	+5213467982	1
10	Alexis	Roldan	3c46566675344f97bb86e2ebd896c323	alexis@correo.com	pbkdf2_sha256\$216000\$DGS3o2o...	+5246197328	1
11	Raul	Gutierrez	e704a305e9734f4faabc0b2ecc267f9c	raul@correo.com	pbkdf2_sha256\$216000\$velc02N8v...	+525579841652	1
12	Guillermo	Alvarado	f81bd6285373431c98d5b396e9346743	guillermo@correo.com	pbkdf2_sha256\$216000\$WmD5Rd6...	+5246917631	1
13	Ruben	Sanchez	0de255151bc7436f83b913c30915f266	ruben@correo.com	pbkdf2_sha256\$216000\$8vW3Z7o...	+5203129478	1
14	Arturo	Juarez	56dd6e3261e646aba34b4db4e9cd85b9	arturo@correo.com	pbkdf2_sha256\$216000\$J6XDMKO...	+5226341159	1
15	Israel	Contreras	868b133cc4fa48d88d31ab2ada796fc3	israel@correo.com	pbkdf2_sha256\$216000\$Hfg5g5p7...	+5255448855	1
16	Axel	Tolentino	4544d12e6d574149b3dd3742e5ef39f	axel@correo.com	pbkdf2_sha256\$216000\$00xtMDRR...	+5211223344	1
17	Francisco	Diaz	79275f02d9e44afae2511f0d7ee1a34	francisco@correo.com	pbkdf2_sha256\$216000\$crKldGk4zh...	+5255669988	1
18	Carlos	Lopez	3d261fc254f44d2088d04cf21e311c14	carlos@correo.com	pbkdf2_sha256\$216000\$JfryH4mkC...	+5277225544	1
19	Dante	Uribe	1a27fe506bd74ae5904bdec47e8f96a7	dante@correo.com	pbkdf2_sha256\$216000\$FTZnazA2...	+5200664499	1
20	Eduardo	Juarez	ccfac8c7356c4db99b23d7f34bb8037d	eduardo@correo.com	pbkdf2_sha256\$216000\$160Mkj08a...	+5244330099	1
21	Jorge	Guarda	efdaaf0ba068436da408b451f94685b4	jorge@correo.com	pbkdf2_sha256\$216000\$yzLbu1Qje...	+5255112226	1
22	Gustavo	Desantis	a04eaad5ef224c1a91588fa84a3c619	gustavo@correo.com	pbkdf2_sha256\$216000\$mj7OCzh3...	+5255334956	1
23	Ricardo	Ramirez	e442edc33a594834b6de40c93ed7592c	ricardo@correo.com	pbkdf2_sha256\$216000\$JhK9A9f...	+5276854499	1
24	Cesar	Munillo	6b09b12f16da448699767fc255a04331	cesar@correo.com	pbkdf2_sha256\$216000\$KtBipf5...	+5277374462	1
25	Isaac	Galida	8b4726e1c3f94880a9ee1a47095efc03	isaac@correo.com	pbkdf2_sha256\$216000\$7gdJdfu5...	+5213080298	1
26	Santiago	Soliz	437d5ecfb5264235b4f97992e531b3c5	santiago@correo.com	pbkdf2_sha256\$216000\$CP0H8ZV...	+5224647598	1
27	Andres	Arnola	edc50d6a9da34ed1822ab9df66def5c	andres@correo.com	pbkdf2_sha256\$216000\$VfaEtlYgc...	+5230214597	1
28	Rogelio	Ventura	81236db714d74583b0bfcc4e0393be88	rogelio@correo.com	pbkdf2_sha256\$216000\$Ae8WfZ5f...	+5274102589	1
29	Sergio	Perez	d37f43195e5446529df42c951d4278d4	sergio@correo.com	pbkdf2_sha256\$216000\$pydWNJH...	+5255369852	1
30	Hector	Nuria	4af34ae45e1a4709bea26dff8c7634e	hector@correo.com	pbkdf2_sha256\$216000\$600s4kp...	+5285201697	1
31	Rodrigo	Martinez	a95486d875b04e115b02330ebb6a0034	rodrigo@correo.com	pbkdf2_sha256\$216000\$FshNqmrq...	+5216497532	1
32	Luis	Mendez	9285ffcab54947be9d35181c5824e51b	luis@correo.com	pbkdf2_sha256\$216000\$YSYTOCGQ...	+5288441122	1
33	Cristina	Leyva	d4a2576abcb47d6a9f8e4b39f30325a	cristina@correo.com	pbkdf2_sha256\$216000\$thNvGBCS...	+525516721926	1

GET

http://127.0.0.1:8000/users/list-connected-users/

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
Key	Value	Description	

Body

Cookies

Headers (9)

Test Results

200 OK

59 ms

360 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 [
2   {
3     "email": "calu@correo.com",
4     "username": "296dd9c7-bc22-414a-a122-e93063140d79"
5   }
6 ]
```