

Performance Test Report - Aug 21, 2025 (#2)

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Postman collection: TaskPro API Tests

Report exported on: Aug 21, 2025, 13:54:07 (GMT+3)

Test setup

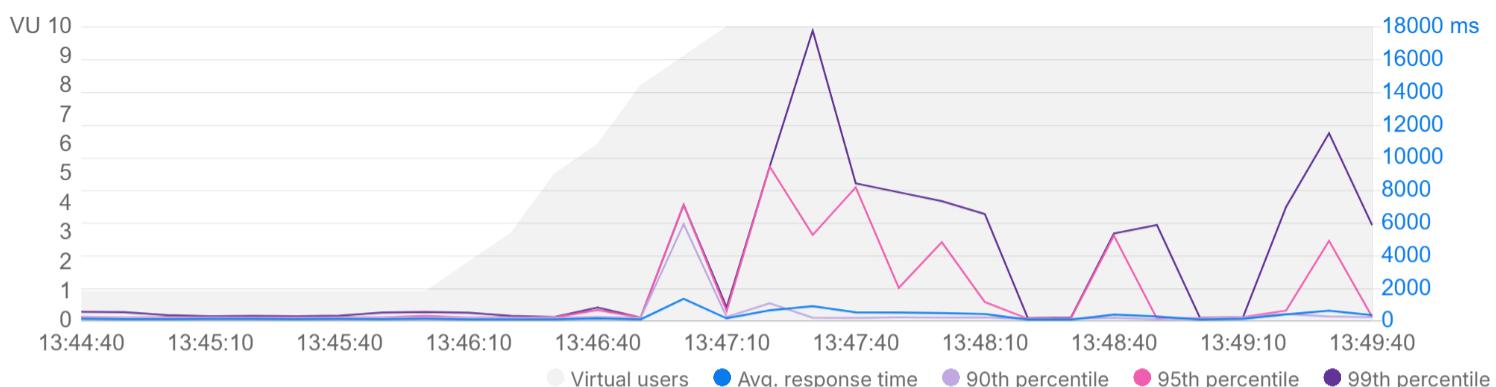
Virtual users	Start time	Load profile
10 VU	Aug 21, 13:44:32 (GMT+3)	Ramp up (1 minute 10 seconds)
Duration	End time	Environment
5 minutes	Aug 21, 13:49:55 (GMT+3)	TaskPro Envr

1. Summary

Total requests sent	Throughput	Average response time	Error rate
1,508	4.66 requests/second	222 ms	85.61 %

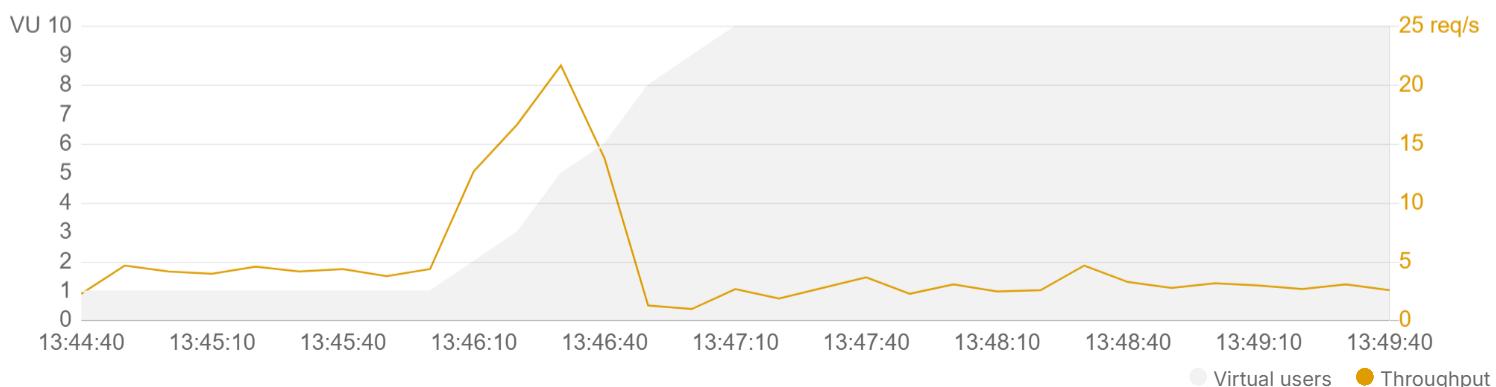
1.1 Response time

Response time trends during the test duration.



1.2 Throughput

Rate of requests sent per second during the test duration.



1.3 Requests with slowest response times

Top 5 slowest requests based on their average response times.

Request	Resp. time (Avg ms)	90th (ms)	95th (ms)	99th (ms)	Min (ms)	Max (ms)
PUT Update User (Email in Use) https://task-pro-qa.b.goit.study/user/update	1,089	187	17,800	17,800	69	17,800
GET Register user by google https://task-pro-qa.f.goit.study/user/google	840	2,052	4,931	7,900	213	7,900
PATCH Update Column Title (Not Found) https://task-pro-qa.b.goit.study/columns/68a47687faaf9d1ed1022222	712	378	579	11,521	93	11,521
PATCH Reorder to Column (Missing Fields) https://task-pro-qa.b.goit.study/columns/{{columnId}}/order	608	204	9,475	9,475	90	9,475
GET Callback /Refresh google user's token https://task-pro-qa.f.goit.study/user/google/callback	583	306	4,850	7,357	69	7,357

1.4 Requests with most errors

Top 5 requests with the most errors, along with the most frequently occurring errors for each request.

Request	Total error count	Error 1	Error 2	Other errors
POST Register (Missing Fields) https://task-pro-qa.b.goit.study/user/register	27	400 Bad Request (27)	-	0
POST Register (Email In Use) https://task-pro-qa.b.goit.study/user/register	27	409 Conflict (27)	-	0
POST Login (Missing Email) https://task-pro-qa.b.goit.study/user/login	27	400 Bad Request (27)	-	0
POST Login (Wrong Credentials) https://task-pro-qa.b.goit.study/user/login	27	404 Not Found (27)	-	0
GET Check user (Invalid Token) https://task-pro-qa.b.goit.study/user/me	27	401 Unauthorized (27)	-	0

2. Metrics for each request

The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
POST Register new user (Successful) https://task-pro-qa.b.goit.study/user/register	27	0.08	91	223	585	689	92.59
POST Register (Missing Fields) https://task-pro-qa.b.goit.study/user/register	27	0.08	67	118	238	271	100
POST Register (Email In Use) https://task-pro-qa.b.goit.study/user/register	27	0.08	90	126	238	250	100
POST Login user (Successful) https://task-pro-qa.b.goit.study/user/login	27	0.08	220	451	279	5,957	0
POST Login (Missing Email) https://task-pro-qa.b.goit.study/user/login	27	0.08	67	407	227	8,448	100

POST Login (Wrong Credentials)	27	0.08	195	264	354	1,106	100
https://task-pro-qa.b.goit.study/user/login							
GET Register user by google	27	0.08	213	840	2,052	7,900	0
https://task-pro-qa.f.goit.study/user/google							
GET Callback /Refresh google user's token	27	0.08	69	583	306	7,357	7.41
https://task-pro-qa.f.goit.study/user/google/callback							
GET Check user (Successful)	27	0.08	90	125	210	259	37.04
https://task-pro-qa.b.goit.study/user/me							
GET Check user (Invalid Token)	27	0.08	67	103	202	244	100
https://task-pro-qa.b.goit.study/user/me							
PATCH Update user's theme (Successful)	27	0.08	91	351	243	5,899	44.44
https://task-pro-qa.b.goit.study/user/theme							
PATCH Update user's theme (Missing Request Body)	26	0.08	90	120	217	226	100
https://task-pro-qa.b.goit.study/user/theme							
PATCH Update user's theme (Invalid Bearer Token)	26	0.08	67	90	129	226	100
https://task-pro-qa.b.goit.study/user/theme							
PUT Update User (Successful)	25	0.08	91	147	175	279	96
https://task-pro-qa.b.goit.study/user/update							
GET GET All Boards (Successful)	24	0.07	89	370	184	5,896	45.83
https://task-pro-qa.b.goit.study/boards							
GET GET All Boards (Missing Token)	24	0.07	66	95	185	233	100
https://task-pro-qa.b.goit.study/boards							
POST New Board (Successful)	24	0.07	90	136	211	261	58.33
https://task-pro-qa.b.goit.study/boards							
POST New Board (Missing Title)	24	0.07	90	117	172	240	100
https://task-pro-qa.b.goit.study/boards							
POST New Board (Unauthorized)	23	0.07	67	326	177	5,381	100
https://task-pro-qa.b.goit.study/boards							

PUT Update Board (Successful)	23	0.07	92	165	213	862	60.87
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
PUT Update Board (Missing Field)	23	0.07	90	151	244	781	100
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
PUT Update Board (Unauthorized)	23	0.07	68	133	224	843	100
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
PUT Update Board (Not Found)	23	0.07	91	131	222	236	100
https://task-pro-qa.b.goit.study/boards/68a45051faaf9d1ed1061111							
PATCH Update Board Background (Successful)	23	0.07	90	146	233	433	60.87
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
PATCH Update Board Background (Missing Body)	22	0.07	90	144	211	711	100
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
PATCH Update Board Background (Unauthorized)	22	0.07	68	89	120	202	100
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
PATCH Update Board Background (Not Found)	22	0.07	91	171	220	779	100
https://task-pro-qa.b.goit.study/boards/68a45e9bfaaf9d1ed1000000							
POST New Column (Successful)	22	0.07	90	126	161	199	63.64
https://task-pro-qa.b.goit.study/columns							
POST New Column (Unauthorized)	22	0.07	67	81	98	127	100
https://task-pro-qa.b.goit.study/columns							
POST New Column (Missing Field)	22	0.07	91	119	179	300	100
https://task-pro-qa.b.goit.study/columns							
PATCH Update Column Title (Successful)	22	0.07	91	357	201	5,291	68.18
https://task-pro-qa.b.goit.study/columns/{{columnId}}							
PATCH Update Column Title (Unauthorized)	22	0.07	68	92	113	224	100
https://task-pro-qa.b.goit.study/columns/{{columnId}}							
PATCH Update Column Title (Missing Field)	21	0.06	90	114	120	291	100
https://task-pro-qa.b.goit.study/columns/{{columnId}}							

PATCH Update Column Title (Not Found)	21	0.06	93	712	378	11,521	100
https://task-pro-qa.b.goit.study/columns/68a47687faaf9d1ed1022222							
POST Column-Add Task (Successful)	21	0.06	91	460	198	6,999	71.43
https://task-pro-qa.b.goit.study/columns/{{columnId}}/tasks							
POST Column-Add Task (Unauthorized)	20	0.06	68	91	139	175	100
https://task-pro-qa.b.goit.study/columns/{{columnId}}/tasks							
POST Column-Add Task (Missing Field)	20	0.06	91	114	140	197	100
https://task-pro-qa.b.goit.study/columns/{{columnId}}/tasks							
POST Column-Add Task (Not Found)	19	0.06	91	122	224	235	100
https://task-pro-qa.b.goit.study/columns/68a47687faaf9d1ed10666666/tasks							
PATCH Reorder to Column (Successful)	19	0.06	92	155	261	313	68.42
https://task-pro-qa.b.goit.study/columns/{{columnId}}/order							
PATCH Reorder to Column (Missing Fields)	19	0.06	90	608	204	9,475	100
https://task-pro-qa.b.goit.study/columns/{{columnId}}/order							
PATCH Reorder to Column (Invalid Token)	19	0.06	67	86	106	213	100
https://task-pro-qa.b.goit.study/columns/{{columnId}}/order							
PATCH Reorder to Column (Invalid ColumnId)	19	0.06	90	126	237	257	100
https://task-pro-qa.b.goit.study/columns/68a5f9f3faaf9d1ed1060000/order							
PUT Update Task (Successful)	19	0.06	92	135	227	285	73.68
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
PUT Update Task (Invalid taskId)	19	0.06	91	136	233	249	100
https://task-pro-qa.b.goit.study/tasks/68a4a8f6faaf9d1ed1044444							

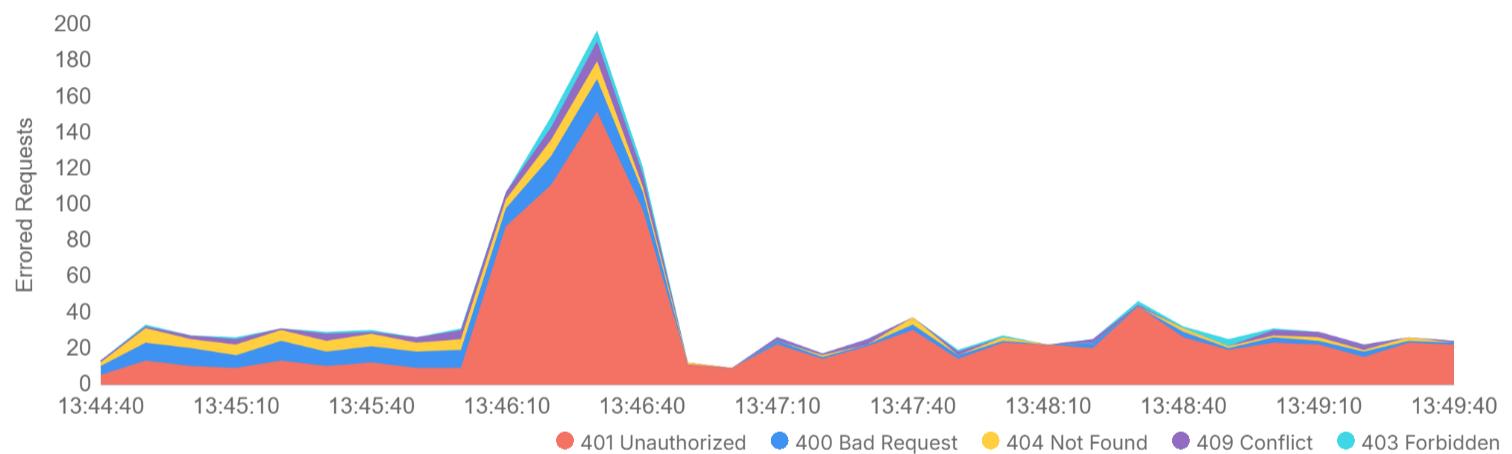
PUT Update Task (Unauthorized)	19	0.06	67	95	205	218	100
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
PUT Update Task (Missing Fields)	19	0.06	90	109	173	214	100
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
PATCH Move Task to another column (Successful)	18	0.06	94	148	251	308	72.22
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
PATCH Move Task (Invalid taskId)	18	0.06	92	120	200	250	100
https://task-pro-qa.b.goit.study/tasks/68a4b786faaf9d1ed1077777							
PATCH Move Task (Unauthorized)	18	0.06	69	86	93	197	100
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
PATCH Move Task (Missing Fields)	18	0.06	89	109	130	238	100
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
POST Support Sending email (Successful)	18	0.06	94	200	568	577	100
https://task-pro-qa.b.goit.study/support							
POST Support Sending email (Missing Fields)	18	0.06	92	128	234	239	100
https://task-pro-qa.b.goit.study/support							
POST Support Sending email (Unauthorized)	18	0.06	67	102	205	218	100
https://task-pro-qa.b.goit.study/support							
DELETE DELETE Task (Unauthorized)	18	0.06	68	99	207	230	100
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
DELETE DELETE Task (Invalid taskId)	18	0.06	92	123	168	215	100
https://task-pro-qa.b.goit.study/tasks/68a5fa3afaaf9d1ed1061111							
DELETE DELETE Task (Successful)	18	0.06	90	146	219	228	72.22
https://task-pro-qa.b.goit.study/tasks/{{taskId}}							
DELETE DELETE Column (Invalid columnId)	18	0.06	94	476	171	6,573	100
https://task-pro-qa.b.goit.study/columns/68a4a44ffaaf9d1ed1060000							

DELETE DELETE Column (Unauthorized)	18	0.06	68	101	160	264	100
https://task-pro-qa.b.goit.study/columns/{{columnId}}							
DELETE DELETE Column (Successful)	18	0.06	99	159	244	256	72.22
https://task-pro-qa.b.goit.study/columns/{{columnId}}							
DELETE DELETE Board (Unauthorized)	18	0.06	66	91	114	187	100
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
DELETE DELETE Board (Not Found)	18	0.06	95	517	1,186	5,244	100
https://task-pro-qa.b.goit.study/boards/68a45e9bfaaf9d1ed1000000							
DELETE DELETE Board (Successful)	18	0.06	95	164	204	819	72.22
https://task-pro-qa.b.goit.study/boards/{{boardId}}							
POST Refresh (Missing refreshToken)	18	0.06	70	96	170	216	100
https://task-pro-qa.b.goit.study/user/refresh							
POST Refresh (Invalid refreshToken)	18	0.06	91	120	169	274	100
https://task-pro-qa.b.goit.study/user/refresh							
POST Refresh user's token (Successful)	18	0.06	95	143	311	352	72.22
https://task-pro-qa.b.goit.study/user/refresh							
PUT Update user (Missing fields)	18	0.06	70	484	204	7,132	100
https://task-pro-qa.b.goit.study/user/update							
PUT Update User (Email in Use)	18	0.06	69	1,089	187	17,800	100
https://task-pro-qa.b.goit.study/user/update							
PUT Update User (Not Found)	18	0.06	68	541	232	8,204	100
https://task-pro-qa.b.goit.study/user/upd							
PUT Update User (Unauthorized)	18	0.06	67	99	206	206	100
https://task-pro-qa.b.goit.study/user/update							
POST Logout (Invalid Token)	18	0.06	71	113	235	261	100
https://task-pro-qa.b.goit.study/user/logout							
POST Logout (Successful)	18	0.06	68	121	215	248	72.22
https://task-pro-qa.b.goit.study/user/logout							

3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.



3.2 Error distribution for requests

Errored requests grouped by error class, along with the error count for each class.

Error class	Total counts
401 Unauthorized	916
GET Check user (Successful)	10
GET Check user (Invalid Token)	27
PATCH Update user's theme (Successful)	12
PATCH Update user's theme (Missing Request Body)	11
PATCH Update user's theme (Invalid Bearer Token)	26
PUT Update User (Successful)	10
GET GET All Boards (Successful)	11
GET GET All Boards (Missing Token)	24
POST New Board (Successful)	14
POST New Board	15

(Missing Title)

POST New Board 23

(Unauthorized)

PUT Update Board 14

(Successful)

PUT Update Board 14

(Missing Field)

PUT Update Board 23

(Unauthorized)

PUT Update Board 14

(Not Found)

PATCH Update Board 14

Background

(Successful)

PATCH Update Board 13

Background (Missing

Body)

PATCH Update 22

Board

Background

(Unauthorized)

PATCH Update Board 14

Background (Not

Found)

POST New Column 14

(Successful)

POST New Column 22

(Unauthorized)

POST New Column 15

(Missing Field)

PATCH Update 15

Column Title

(Successful)

PATCH Update 22

Column Title

(Unauthorized)

PATCH Update 14

Column Title (Missing

Field)

PATCH Update 14

Column Title (Not

Found)

POST Column-Add 15



Task (Successful)	
POST Column-Add	20
Task (Unauthorized)	
POST Column-Add	14
Task (Missing Field)	
POST Column-Add	13
Task (Not Found)	
PATCH Reorder to Column (Successful)	13
PATCH Reorder to Column (Missing Fields)	13
PATCH Reorder to Column (Invalid Token)	19
PATCH Reorder to Column (Invalid ColumnId)	13
PUT Update Task (Successful)	14
PUT Update Task (Invalid taskId)	14
PUT Update Task (Unauthorized)	19
PUT Update Task (Missing Fields)	14
PATCH Move Task to another column (Successful)	13
PATCH Move Task (Invalid taskId)	13
PATCH Move Task (Unauthorized)	18
PATCH Move Task (Missing Fields)	13
POST Support Sending email (Successful)	13
POST Support Sending email (Missing Fields)	13

POST Support Sending email (Unauthorized)	18
DELETE DELETE Task (Unauthorized)	18
DELETE DELETE Task (Invalid taskId)	13
DELETE DELETE Task (Successful)	13
DELETE DELETE Column (Invalid columnId)	13
DELETE DELETE Column (Unauthorized)	18
DELETE DELETE Column (Successful)	13
DELETE DELETE Board (Unauthorized)	18
DELETE DELETE Board (Not Found)	13
DELETE DELETE Board (Successful)	13
PUT Update user (Missing fields)	13
PUT Update User (Email in Use)	13
PUT Update User (Unauthorized)	18
POST Logout (Invalid Token)	18
POST Logout (Successful)	13

400 Bad Request	160
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POST Register (Missing Fields)	27
POST Login (Missing Email)	27
PATCH Update user's theme (Missing Request Body)	15
POST New Board (Missing Title)	9
PUT Update Board (Missing Field)	9
PATCH Update Board Background (Missing Body)	9
POST New Column (Missing Field)	7
PATCH Update Column Title (Missing Field)	7
POST Column-Add Task (Missing Field)	6
PATCH Reorder to Column (Missing Fields)	6
PUT Update Task (Missing Fields)	5
PATCH Move Task (Missing Fields)	5
POST Support Sending email (Missing Fields)	5
POST Refresh (Missing refreshToken)	18
PUT Update user (Missing fields)	5

404 Not Found	95
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POST Login (Wrong Credentials)	27
PUT Update Board (Not Found)	9
PATCH Update Board Background (Not Found)	8
PATCH Update Column Title (Not Found)	7
POST Column-Add Task (Not Found)	6
PUT Update Task (Invalid taskId)	5
PATCH Move Task (Invalid taskId)	5
DELETE DELETE Column (Invalid columnId)	5
DELETE DELETE Board (Not Found)	5
PUT Update User (Not Found)	18

409 Conflict	71
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POST Register new user (Successful)	25
POST Register (Email In Use)	27
PUT Update User (Successful)	14
PUT Update User (Email in Use)	5

POST Refresh (Invalid refreshToken)	18
POST Refresh user's token (Successful)	13
<hr/>	
500 Internal Server Error	16
<hr/>	
PATCH Reorder to Column (Invalid ColumnId)	6
POST Support Sending email (Successful)	5
DELETE DELETE Task (Invalid taskId)	5
<hr/>	
ECONNRESET	2
<hr/>	
GET Callback /Refresh google user's token	2



Testing API performance on Postman

Postman enables you to simulate user traffic and observe how your API behaves under load. It also helps you identify any issues or bottlenecks that affect performance.

Learn more about [testing API performance](#).