Performance Test Report - Apr 28, 2025 (#1)

Open in Postman

Postman collection: Service Market Place Botswana API

Report exported on: Apr 28, 2025, 4:34:16 (GMT+2)

Test setup

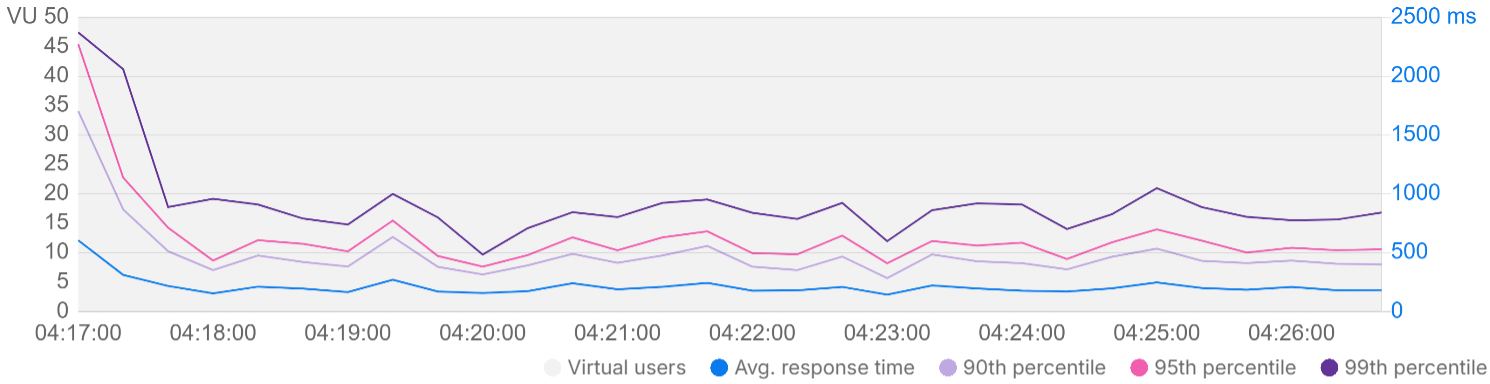
Virtual users	Start time	Load profile
50 VU	Apr 28, 4:16:46 (GMT+2)	Peak
Duration	**End time**	**Environment**
10 minutes	Apr 28, 4:26:55 (GMT+2)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
32,716	53.71 requests/second	202 ms	71.95 %

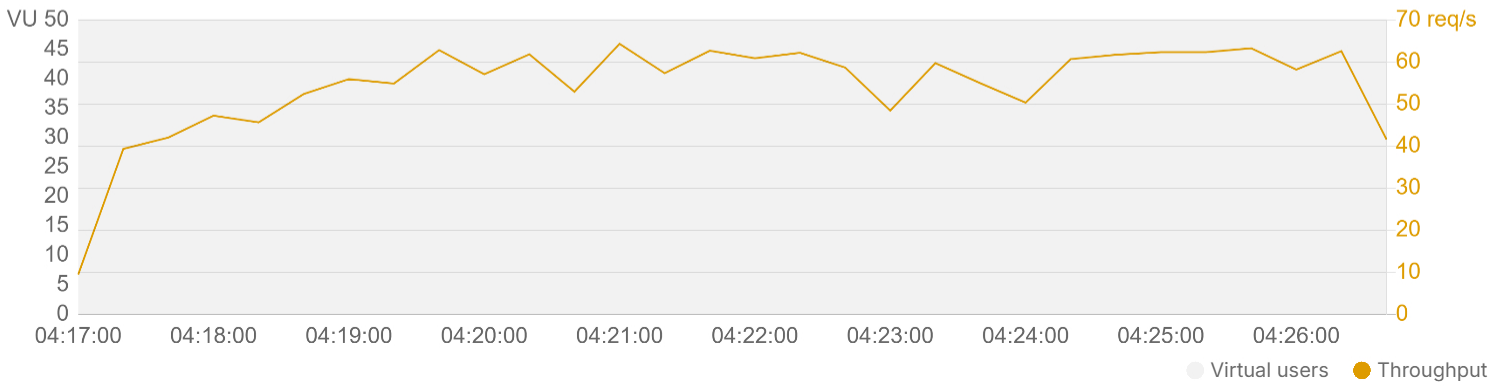
1.1 Response time

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)
POST Complete user signup (Seeker or initial) {{baseUrl}}/completeSignupUser	403	870	1,006	2,046	12	3,010
POST Complete provider signup/profile update {{baseUrl}}/completeProviderSignup	367	862	1,078	1,219	15	1,734
GET Get all jobs (with optional status filter) {{baseUrl}}/getJobs?status=Pending	308	699	816	1,158	10	1,806
GET Get all locations {{baseUrl}}/getLocations	282	629	837	1,107	11	1,559
POST Add a new provider {{baseUrl}}/addProvider	277	590	720	853	12	1,392

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 Submit a bid for a job {{baseUrl}}/submitBid	674	400 Bad Request (670)	ECONNRESET (4)	0
GET Get seeker dashboard data {{baseUrl}}/seeker/dashboard/:seekerId	673	500 Internal Server Error (673)	-	0
GET Get jobs posted by seeker with status filter {{baseUrl}}/seeker/jobs?seekerId=&status=Pending	673	400 Bad Request (673)	-	0
GET Get provider dashboard data {{baseUrl}}/getProviderDashboard/:clerkId	672	404 Not Found (672)	-	0
GET Get provider job history {{baseUrl}}/getProviderJobHistory/:providerId	672	400 Bad Request (671)	ECONNRESET (1)	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 %
GET Get all open jobs {{baseUrl}}/getOpenJobs	674	1.11	7	212	485	2,127	0
POST Submit a bid for a job {{baseUrl}}/submitBid	674	1.11	5	166	328	1,787	100
GET Get seeker dashboard data {{baseUrl}}/seeker/dashboard/:seekerId	673	1.10	7	185	387	2,374	100
GET Get jobs posted by seeker with status filter {{baseUrl}}/seeker/jobs?seekerId=&status=Pending	673	1.10	6	165	355	2,998	100
POST Complete user signup (Seeker or initial) {{baseUrl}}/completeSignupUser	673	1.10	12	403	870	3,010	0

POST Complete provider signup/profile update {{baseUrl}}/completeProviderSignup	673	1.10	15	367	862	1,734	0.3
GET Get provider dashboard data {{baseUrl}}/getProviderDashboard/:clerkId	672	1.10	8	238	477	1,598	100
GET Get provider job history {{baseUrl}}/getProviderJobHistory/:providerId	672	1.10	5	139	320	760	100
GET Get count of jobs attempted by provider {{baseUrl}}/getProviderJobsAttempted/:providerId	672	1.10	5	142	304	777	100
GET Get count of jobs completed by provider {{baseUrl}}/getProviderCompletedJobs/:providerId	672	1.10	5	144	306	826	100
GET Get total amount earned by provider {{baseUrl}}/getProviderAmountEarned/:providerId	672	1.10	6	156	321	902	100
GET Get timestamp of provider's last completed job {{baseUrl}}/getProviderLastCompletedJob/:providerId	670	1.10	5	135	302	929	100
GET Get count of jobs won by provider (Accepted Bids) {{baseUrl}}/getProviderJobsWon/:providerId	667	1.09	5	139	289	820	100
POST Add a category to a provider's profile {{baseUrl}}/provider/addCategory	667	1.09	8	256	522	2,207	100
GET Get provider details by Clerk ID {{baseUrl}}/provider/details/:clerkId	666	1.09	9	253	539	1,959	0
GET Get user by MongoDB ID {{baseUrl}}/getUser/:userId	664	1.09	6	177	388	1,149	100
GET Get user by Clerk ID {{baseUrl}}/getUserByClerkId/:clerkId	663	1.09	7	258	553	2,194	0
GET Get all locations {{baseUrl}}/getLocations	662	1.09	11	282	629	1,559	0
POST Add a new job {{baseUrl}}/addJob	662	1.09	18	223	455	952	100

GET Get all jobs (with optional status filter) {{baseUrl}}/getJobs?status=Pending	662	1.09	10	308	699	1,806	0
GET Get a single job by ID {{baseUrl}}/getJob/:id	662	1.09	6	172	353	1,048	100
GET Get jobs posted by a seeker {{baseUrl}}/getJobsBySeekerId/:seekerId	662	1.09	6	190	412	1,135	100
GET Check payment status for a job {{baseUrl}}/checkPaymentStatus/:jobId	662	1.09	8	175	370	1,001	100
POST Create a payment record for a job {{baseUrl}}/createPayment/:jobId	661	1.09	8	171	359	889	100
POST Mark job as completed (with payment check) {{baseUrl}}/completeJob/:jobId	660	1.08	8	173	372	823	100
GET Get all open jobs with bid count {{baseUrl}}/getOpenJobsWithBidCount	660	1.08	9	270	546	1,503	0
POST Get open jobs matching provider categories {{baseUrl}}/getOpenJobsForProvider	660	1.08	8	254	543	1,242	0
GET Get all jobs {{baseUrl}}/getAllJobs	660	1.08	15	272	553	1,178	0
POST Add a bid {{baseUrl}}/addBid	659	1.08	10	183	349	1,131	100
GET Get bids for a job (with provider details) {{baseUrl}}/getBids/:jobId	656	1.08	8	178	337	1,144	100
GET Get simple bids for a job (no provider details) {{baseUrl}}/getSimpleBids/:jobId	654	1.07	12	175	357	866	100
GET Get a single bid by ID {{baseUrl}}/getBid/:id	654	1.07	6	158	325	865	100
POST Add a new provider {{baseUrl}}/addProvider	652	1.07	12	277	590	1,392	100

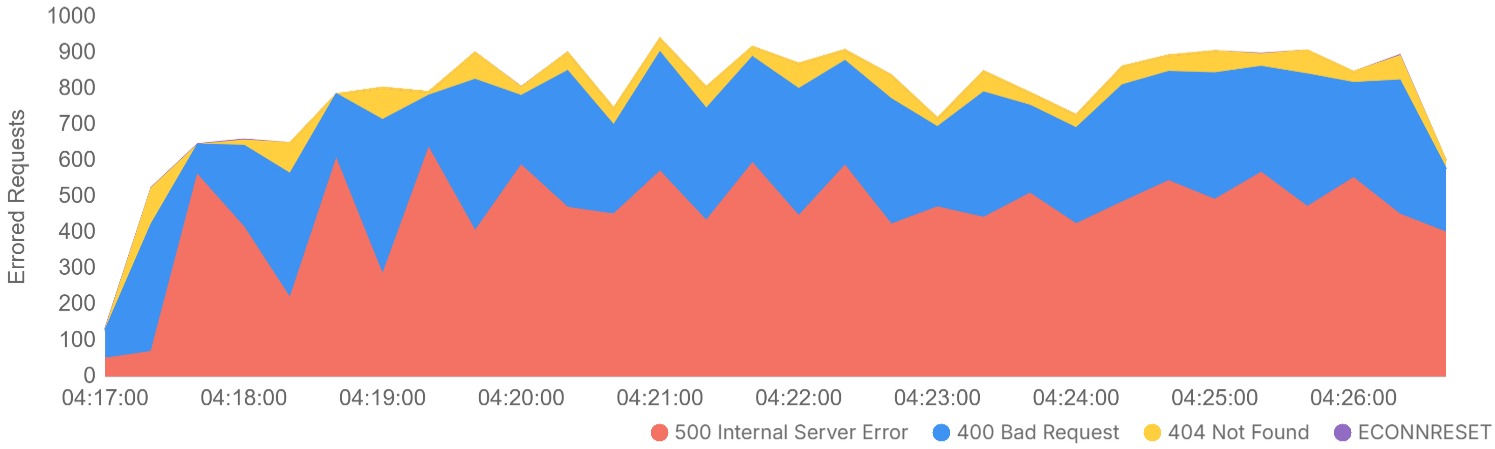
POST Add a new payment record {{baseUrl}}/addPayment	649	1.07	9	166	350	858	100
GET Get all payments (with optional job filter) {{baseUrl}}/getPayments?jobId=	644	1.06	6	162	330	883	100
GET Get a single payment by ID {{baseUrl}}/getPayment/:id	641	1.05	6	173	349	946	100
POST Add a new category {{baseUrl}}/addCategory	641	1.05	8	178	381	1,064	100
GET Get all categories {{baseUrl}}/getCategories	640	1.05	8	267	558	1,064	0
GET Get a single category by ID {{baseUrl}}/getCategory/:id	639	1.05	6	151	314	883	100
POST Add a new address {{baseUrl}}/addAddress	636	1.04	8	172	365	953	100
GET Get all addresses {{baseUrl}}/getAddresses	632	1.04	8	264	568	1,645	0
GET Get a single address by ID {{baseUrl}}/getAddress/:id	631	1.04	6	143	310	873	100
POST Add a new rating {{baseUrl}}/addRating	630	1.03	9	174	361	891	100
GET Get all ratings (with optional user filter) {{baseUrl}}/getRatings?userId=	629	1.03	6	155	344	816	100
GET Get a single rating by ID {{baseUrl}}/getRating/:id	629	1.03	6	150	325	784	100
PATCH Mark all notifications as read for a user {{baseUrl}}/notifications/:userId/read-all	627	1.03	8	261	580	1,083	0
GET Get notifications for a user {{baseUrl}}/notifications/:userId	627	1.03	8	225	492	1,105	0

PUT Mark notification as read {{baseUrl}}/notifications/:notificationId/read	626	1.03	6	139	304	890	100
PUT Update job status {{baseUrl}}/jobs/:jobId/status	625	1.03	8	148	318	728	100
GET Calculate match score between job and provider {{baseUrl}}/calculateMatchScore/:jobId/:providerId	625	1.03	7	144	317	803	100

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
500 Internal Server Error	13603

GET Get seeker dashboard data	673
GET Get user by MongoDB ID	664
GET Get a single job by ID	661
GET Get jobs posted by a seeker	662
GET Check payment status for a job	661
POST Create a payment record for a job	661
POST Mark job as completed (with payment check)	660
POST Add a bid	658
GET Get bids for a job (with provider details)	655
GET Get simple bids for a job (no provider details)	653
GET Get a single bid by ID	654
POST Add a new provider	652
GET Get all payments (with optional job filter)	644
GET Get a single payment by ID	641
GET Get a single category by ID	639
GET Get a single address by ID	631
GET Get all ratings (with optional user filter)	629
GET Get a single rating by ID	629
PUT Mark notification as read	626
PUT Update job status	625
GET Calculate match score between job and provider	625
400 Bad Request	8580

POST Submit a bid for a job	670
GET Get jobs posted by seeker with status filter	673
GET Get provider job history	671
GET Get count of jobs attempted by provider	672
GET Get count of jobs completed by provider	670
GET Get total amount earned by provider	671
GET Get timestamp of provider's last completed job	670
GET Get count of jobs won by provider (Accepted Bids)	667
POST Add a new job	661
POST Add a new payment record	648
POST Add a new category	641
POST Add a new address	636
POST Add a new rating	630
404 Not Found	1339
GET Get provider dashboard data	672
POST Add a category to a provider's profile	667
ECONNRESET	17
POST Submit a bid for a job	4
POST Complete provider signup/profile update	2
GET Get provider job history	1
GET Get count of jobs completed by provider	2
GET Get total amount earned by provider	1
POST Add a new job	1
GET Get a single job by ID	1
GET Check payment status for a job	1
POST Add a bid	1
GET Get bids for a job (with provider details)	1
GET Get simple bids for a job (no provider details)	1
POST Add a new payment record	1

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.