

Course Title: Software Quality Assurance
Course Code: SE 403
Assignment on
Website performance and Improvement

Submitted by:

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Submitted To:

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Submission Date: 30-10-2021

Website Performance Testing and its Improvement

In our assignment, we uses website performance testing tools **GTmetrix** and **Pingdom Website Speed Test** for checks website Performance, Speeds and how to improve it.

For testing we choose 2 websites that's are *https://www.rokomari.com/* and *https://www.othoba.com/*. Website performance testing tools **GTmetrix** and **Pingdom Website Speed Test** are applied on this websites and generates testing reports.

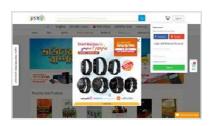
In the following bellow shown the performance reports of the website that's generated by using **GTmertix** and **Pingdom Website Speed Test** also with comparison between the performance reports of both website.

If we look at the performance reports that's we get using the GTmetrix and Pingdom Website Speed Test web performance testing tool, there are some issues (impacts) are occurs for that reason website performance are reduce and as well as some other reasons like how many users are access the website that particular time, page size, requests, backend working time etc. affect the speed therefore performance automatically reduce. Fixed this impacts, we improve the website performance and increase speed of it.

Performance Report for https://www.rokomari.com/ (using GTmetrix)



Executive Summary



Performance Report for:

http://www.rokomari.com/

Report generated: Wed, Oct 27, 2021 2:54 AM -0700

Test ServerLocation: Vancouver, Canada

Using: (5) Chrome (Desktop) 90.0.4430.212, Lighthouse 8.3.0

F

Performance 30%

Structure 41%

L. Contentful Paint

12.1s

T. Blocking Time

293ms

C. Layout Shift

0.44

Top Issues

IMPACT	AUDIT	
High	Avoid enormous network payloads	Total size was 8.41MB
High	Properly size images	Potential savings of 4.29MB
High	Efficiently encode images	Potential savings of 1.66MB
Med-High	Avoid an excessive DOM size	3,226 elements
Med	Avoid large layout shifts	5 elements found

Page Details

12.1s

Total Page Size - 8.41MB



Total Page Requests - 119



TML JS CSS IMG Video Font Otl

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, Google has announced that they are using page speed in their ranking algorithm.

About GTmetrix

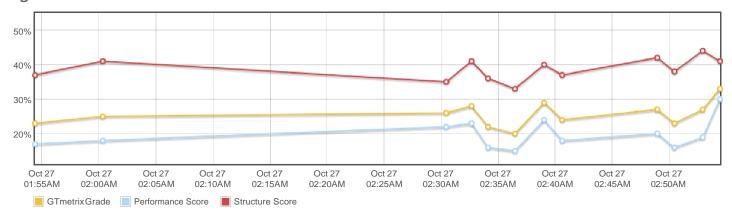


GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 25 years experience in web technology.

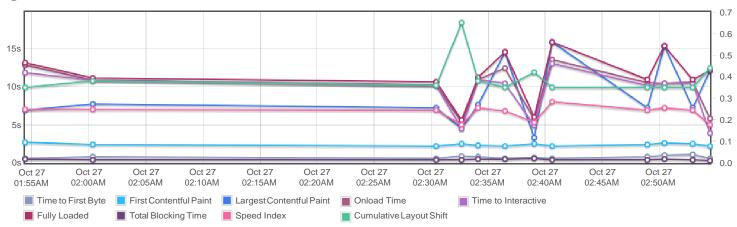
https://carbon60.com/



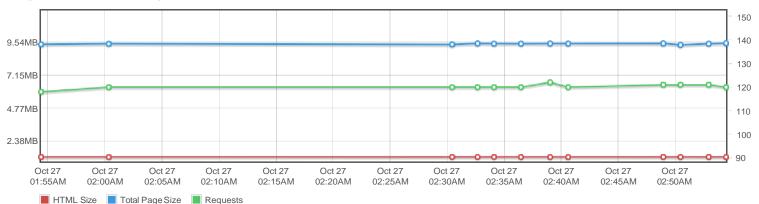
Page scores



Page metrics



Page sizes and request counts







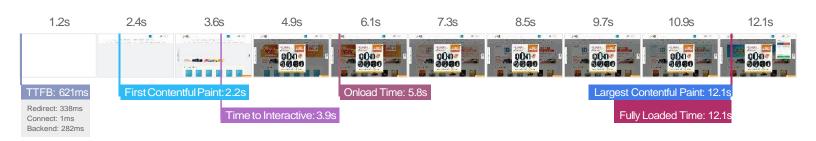
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Buy Book Online - Best Online Book Shop in Bangladesh | Rokomari.com 301 302B 34ms rokomari.com 302ms 301 rokomari.com 0 book 200 1.25MB 1.1s rokomari.com SiyamRupali.css 451ms 200 233B rokomari.com kalpurush.css 200 rokomari.com 192B 290ms 229ms fonts.css 200 rokomari.com 588B ionicons.min.css 7.89KB 871ms 200 rokomari.com jquery-ui.min.css 200 rokomari.com 7.51KB 645ms 231ms slick.css 200 604B rokomari.com jquery-ui.min.css 200 cdnjs.cloudflare.com 6.58KB 47ms bundle6-desktop.css?v=1 200 rokomari.com 94.8KB 1.5s js?id=AW-804358854 200 googletagmanager.com 38.2KB 1s 8875.is 1.1s (canceled) script.crazyegg.com 0 rokomari_logo.png 200 rokomari.com 11.9KB 1.6s 1.08KB 2s icon-fb.png 200 rokomari.com 200 1.38KB 1.9s icon-google.png rokomari.com icon-email.png 200 rokomari.com 1.22KB 1.9s icon-password.png 200 rokomari.com 1.28KB 2s 2s icons8-gift-48.png 200 rokomari.com 418B 16f968bafab1_3.png 200 s3-ap-southeast-1.am. 195KB 2.8s 935ms jquery.min.js 200 ajax.googleapis.com 30.3KB 959ms owl.carousel.min.js 9.9KB 200 cdnjs.cloudflare.com floating_button_cart.png 200 rokomari.com 1.57KB 1.9s 261c286c-596e-4b6a-b560-8c9f12444a... 200 ds.rokomari.store 1.01MB 4.1s 3.3s cbac5193-df6b-49f4-a7cb-ba028e9df0... 200 105KB ds rokomari store 0e16c375-3967-486b-9741-1772b94d1... 200 ds.rokomari.store 2.41MB 5.1s 326KB c0130cc1-a3dc-4ec8-9ca1-30df2aac23... 200 ds.rokomari.store d764b938-420e-4e20-97c0-9a97b251f8... 50.0KB 3.1s 200 ds.rokomari.store e0056ce5-0c34-477d-ab68-8f59ec90fd... 200 ds.rokomari.store 51.4KB f2c62f48-ba55-4abb-a385-e6d2ca1578... 4.1s 200 ds.rokomari.store 972KB book av.png 200 ds.rokomari.store 28.6KB 2.8s custom-category.png 200 rokomari.com 23.2KB 2s 2s user-select-check.png 200 rokomari.com 1.75KB author.png 200 6.00KB 4s ds.rokomari.store fbevents.js 200 connect.facebook.net 25.4KB 463ms hotjar-452038.js?sv=5 200 static.hotjar.com 3.30KB 461ms analytics.is 200 19 3KB 328ms google-analytics.com gtm.js?id=GTM-TGQ3P6 200 googletagmanager.com 38 0KB 325ms provely-2.0.js 200 s3.amazonaws.com 37.4KB 697ms new-livechat.js?1635328469219 200 3.87KB static.revechat.com 379ms 8875.is (cancele script.crazyegg.com 0 389ms S6uyw4BMUTPHjx4wXg.woff2 200 22.8KB rokomari.com 448ms ionicons.ttf?v=2.0.1 200 184KB .5s rokomari.com SiyamRupali.woff 200 rokomari com 165KB 1 7s 1.10KB 714ms call.svg 200 rokomari.com 1.24KB cod-small.svg 200 831m rokomari.com 816ms delivery_icon.svg 200 rokomari.com 0.98KB happy-return-big.svg 200 1.88KB 518ms rokomari.com 200 iquery.min.is aiax.googleapis.com 29.0KB 188ms conversion async.js 200 googleadservices.com 14.1KB 313ms 200 4.34KB 537ms ows logo.svg 200 1.61KB icon-hotline.png 841ms rokomari.com icon-corporate.png 200 rokomari.com 1.69KB 852ms icon-mail.png 200 1.26KB rokomari.com 739ms

icon_home.png	200	rokomari.com	1.22KB	849ms
facebook.png	200	rokomari.com	1.21KB	773ms
twitter.png	200	rokomari.com	1.31KB	840ms
linkedin.png	200	rokomari.com	1.21KB	750ms
instagram.png	200	rokomari.com	2.91KB	841ms
youtube.png	200	rokomari.com	42.7KB	1.4s
icon-rok.png	200	rokomari.com	3.00KB	536ms
icon-app-store.png	200	rokomari.com	321KB	2s
icon-play-store.png	200	rokomari.com	101KB	1.4s
cod.png	200	rokomari.com	2.30KB	841ms
bkash.png	200	rokomari.com	7.38KB	527ms
Nagad-Logo.png	200	rokomari.com	28.4KB	1.2 s
visa.png	200	rokomari.com	1.80KB	593ms
master-card.png	200	rokomari.com	2.68KB	851ms
	200	rokomari.com	2.28KB	756ms
amex-card.png				
rocket.png	200	rokomari.com	5.00KB	749ms
city-bank.png	200	rokomari.com	2.58KB	851ms
dmoney.png	200	rokomari.com	179KB	1.6s
email-decode.min.js	200	rokomari.com	841B	160ms
pattern_6.png	200	rokomari.com	60.8KB	1.1s
look-inside.png	200	rokomari.com	4.75KB	630ms
discount-badge-one.png	200	rokomari.com	2.67KB	836ms
discount-badge-three.png	200	rokomari.com	2.76KB	533ms
discount-badge-two.png	200	rokomari.com	2.87KB	863ms
serial-badge-2.png	200	rokomari.com	1.21KB	732ms
back_order.png	200	rokomari.com	2.92KB	827ms
S6u9w4BMUTPHh6UVSwiPGQ.woff2	200	rokomari.com	22.3KB	323ms
kalpurush.ttf	200	rokomari.com	307KB	1.6s
jquery-3.3.1.min.js	200	rokomari.com	30.6KB	907ms
jquery-ui.min.js	200	rokomari.com	67.8KB	1,2s
jquery-ui.min.js	200	rokomari.com	67.7KB	1.3 \$
popper.min.js	200	rokomari.com	7.28KB	843ms
	200	rokomari.com	14.1KB	873ms
bootstrap.datonickor min is				
bootstrap-datepicker.min.js	200	rokomari.com	10.4KB	820ms
slick.min.js	200	rokomari.com	10.7KB	875ms
vendor-desktop.js	200	rokomari.com	35.4KB	1.18
common-desktop.js	200	rokomari.com	72.9KB	1.3s
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tr?id=2663779950320576&ev=Microda	302	facebook.com	0	1.2s
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box-d09a446edefba0dcce5d5143e184	200	vars.hotjar.com	1.02KB	48ms
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?c=13922878235846836142&f=AYx2s	200	cx.atdmt.com	581B	204ms
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804358854?random: 1635328471284&	200	google.ca	64B	36m		
jquery.min.js	200	ajax.googleapis.com	29.6KB		19ms	
favicon.ico	200	rokomari.com	6.07KB		18ms	
POST campaign	200	app.provely.io	308B		362ms	
120 Requests 9.45MB (13.3	MB Uncompr	ressed) Fully Load	ded 12.1s (Onload 5.8s)			





Performance Metrics

First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	Much longer than recommended 2.2s	Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Longer than recommended
Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended 5.0s	Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Longer than recommended 293ms
Largest Contentful Paint How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.	Much longer than recommended 12.1s	Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	Much more than recommended 0.44

Browser Timings

Redirect	338ms	Connect	1ms	Backend	282ms
TTFB	621ms	First Paint	2.2s	DOM Int.	3.9s
DOM Loaded	3.9s	Onload	5.8s	Fully Loaded	12.1s



Structure Audits

IMPACT	AUDIT	
High	Avoid enormous network payloads	Total size was 8.41MB
High	Properly size images	Potential savings of 4.29MB
High	Efficiently encode images	Potential savings of 1.66MB
Med-High	Avoid an excessive DOM size	3,226 elements
Med	Avoid large layout shifts	5 elements found
Med	Serve static assets with an efficient cache policy	Potential savings of 1.41MB
Med-Low	Use HTTP/2 for all resources	Potential savings of 3.5s
Med-Low	Avoid document.write()	1 instance found
Med-Low	Avoid chaining critical requests	22 chains found
Med-Low	Use a Content Delivery Network (CDN)	17 resources found
Med-Low	Defer offscreen images	Potential savings of 708KB
Low	Avoid multiple page redirects	Potential savings of 337ms
Low	Avoid long main-thread tasks	7 long tasks found
Low	Ensure text remains visible during webfont load	5 fonts found
Low	Serve images in next-gen formats	Potential savings of 4.86MB
Low	Use passive listeners to improve scrolling performance	1 event listener not passive
Low	Reduce unused JavaScript	Potential savings of 375KB
Low	Eliminate render-blocking resources	Potential savings of 77ms
Low	Enable text compression	Potential savings of 28.0KB
Low	Preconnect to required origins	Potential savings of 152ms
Low	Reduce unused CSS	Potential savings of 111KB
Low	Reduce JavaScript execution time	514ms spent executing JavaScript
Low	Minify CSS	Potential savings of 21.4KB

Low	Reduce initial server response time	Root document took 282ms
Low	Avoid serving legacy JavaScript to modern browsers	Potential savings of 28.3KB
Low	Avoid non-composited animations	65 animated elements found
Low	Minify JavaScript	Potential savings of 13.2KB
N/A	Largest Contentful Paint element	1 element found
N/A	Minimize main-thread work	Main-thread busy for 2.8s
N/A	Reduce the impact of third-party code	Total size was 632KB
N/A	User Timing marks and measures	



Executive Summary



Performance Report for:

https://othoba.com/

Report generated: Wed, Oct 27, 2021 2:55 AM -0700

Test ServerLocation: | Vancouver, Canada

Using: O Chrome (Desktop) 90.0.4430.212, Lighthouse 8.3.0

Performance 37%

Structure

L. Contentful Paint

T. Blocking Time

C. Layout Shift

2.3s

487ms

0.54

Top Issues

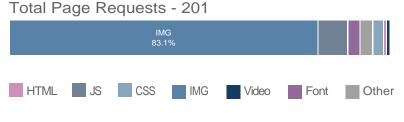
IMPACT	AUDIT	
High	Avoid enormous network payloads	Total size was 5.74MB
Med-High	Avoid an excessive DOM size	4,261 elements
Med	Avoid large layout shifts	5 elements found
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 286KB
Med-Low	Use a Content Delivery Network (CDN)	20 resources found

Page Details



Total Page Size-5.74MB





How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, Google has announced that they are using page speed in their ranking algorithm.

About GTmetrix

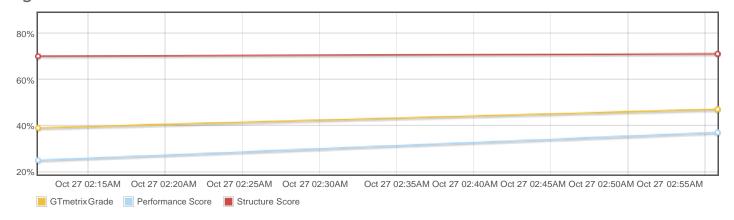


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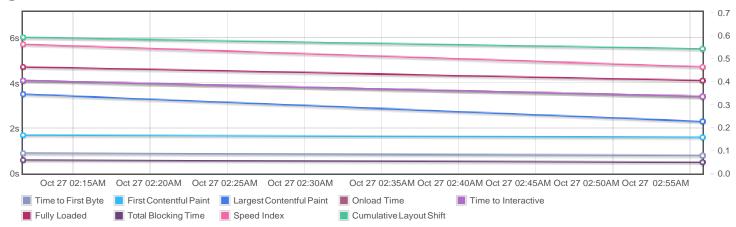
https://carbon60.com/



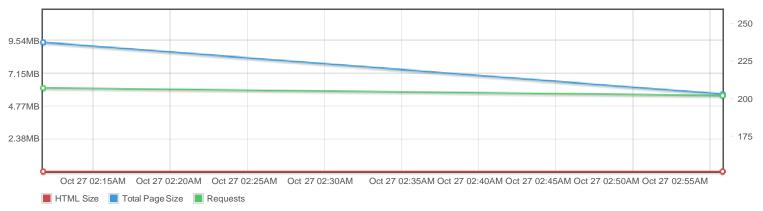
Page scores



Page metrics

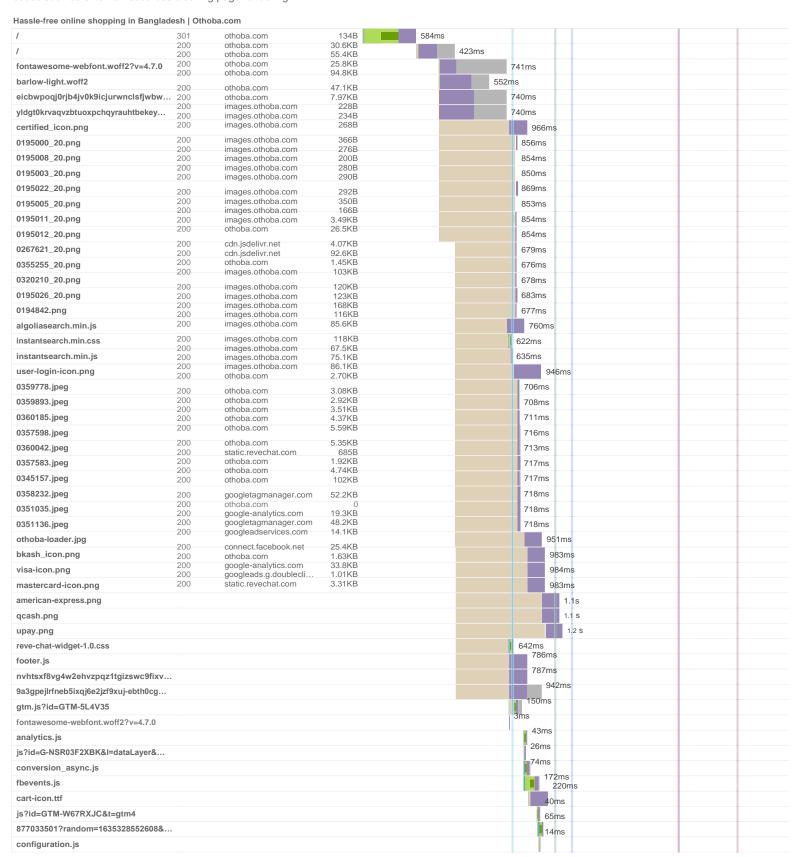


Page sizes and request counts





The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.



336551680604150?v=2.9.47&r=stable	200	connect.facebook.net	86.9KB			4ms			
GetSpecialBlock	200	othoba.com	68.1KB			235ms			
OnLoadProduct?_=1635328552289	200	othoba.com	97.0KB			234ms			
ec.js	200	google-analytics.com	2.74KB		s				
select-bg.png	200	othoba.com	1.19KB			214ms			
icon_facebook.png	200	s3-us-west-2.amazon	1.53KB		83	s			
slick.woff	200	othoba.com	1.35KB			273m	ns		
ajax-loader.gif	200	othoba.com	4.08KB			194ms			
POST GetDealsCount	200	othoba.com	26B			197ms	;		
ajaxLoader.gif	200	othoba.com	4.08KB				1ms		
0358378.jpeg	200	images.othoba.com	135KB		21	s			
client_version_2.html?1635328552796	200	static.revechat.com	461KB		211	5	823ms		
0359381.jpeg	200	images.othoba.com	38.6KB		21	ms	0201110		
	200	images.othoba.com	31.3KB			ms			
0351442.jpeg	200	images.othoba.com	35.3KB		16				
0357794.jpeg 0358805.jpeg									
0358805.jpeg 877033501?random=1635328552608&	200	images.othoba.com	42.7KB 42B		2	ms 74ms			
	200	google.com							
877033501?random=1635328552608&	200	google.ca	42B			75ms			
tr?id=336551680604150&ev=PageVie	200	facebook.com	44B			35ms			
tr?id=336551680604150&ev=ViewCate	200	facebook.com	44B			45ms			
0356946.jpeg	200	images.othoba.com	47.5KB			16n			
0352588.jpeg	200	images.othoba.com	53.7KB			18n			
0352823.jpeg	200	images.othoba.com	37.8KB			18n			
0360209_food-grocery-corner.jpeg	200	images.othoba.com	70.7KB			24r	ns		
0340023.jpeg	200	images.othoba.com	92.9KB			26r	ns		
0357248.jpeg	200	images.othoba.com	96.9KB			28r	ns		
0328123.jpeg	200	images.othoba.com	39.9KB			25r	ns		
0329145_explore-womens-fashion.jpeg	200	images.othoba.com	43.9KB			29r	ns		
0328981.jpeg	200	images.othoba.com	64.2KB			29r	ns		
0336675.jpeg	200	images.othoba.com	84.9KB			30r	ns		
0328902.jpeg	200	images.othoba.com	65.3KB			30r	ns		
0336582.jpeg	200	images.othoba.com	66.8KB			31r	ms		
0308796_mexican-mini-burger_300.jpeg	200	images.othoba.com	20.2KB				36ms		
0308795_chicken-momo-combo-6pcs	200	images.othoba.com	12.6KB				92ms		
0289400_mexican-shashlik_300.jpeg	200	images.othoba.com	10.8KB				82ms		
0289242_baked-pasta-250gm_300.jpeg	200	images.othoba.com	17.0KB				87ms		
0308794_mexican-club-burger_300.jpeg	200	images.othoba.com	20.2KB				88ms		
0308793_mexican-sub-sandwich_300	200	images.othoba.com	19.1KB				88ms		
0308791_chicken-puff-90-gm300.jpeg	200	images.othoba.com	15.2KB				89ms		
0308790_chicken-patties-60gm300.j	200	images.othoba.com	13.3KB				90ms		
0115717_mithai-premium-salty-cooki	200	images.othoba.com	9.23KB				183ms		
0309237_opera-pastry-120gm300.jpeg	200	images.othoba.com	17.0KB				91ms		
0007405_pran-aromatic-chinigura-pre	200	images.othoba.com	23.6KB				91ms		
0053865_rupchanda-soyabean-oil-5ltr	200	images.othoba.com	36.2KB				661	s	
0244752_daily-shopping-mushur-dal	200	images.othoba.com	30.4KB				92ms		
0299726_onion-local-1-kg_300.jpeg	200	images.othoba.com	39.2KB				104ms		
0251263_low-sugar-grade-potato-1kg	200	images.othoba.com	24.6KB				105ms		
0271355_farm-egg-30pcs-combo_300	200	images.othoba.com	16.3KB				105ms		
00									

0308033_unilever-water-purifier-purei	200	images.othoba.com	11.8KB		106ms	
0043355_green-banana-per-piece_30	200	images.othoba.com	29.7KB		107ms	
0200779_brinjal-long-1-kg_300.jpeg	200	images.othoba.com	17.0KB		107ms	
0301871_pran-drinking-water-6ltr_300	200	images.othoba.com	15.0KB		108ms	
0270581_jhatpot-chicken-mini-samos	200	images.othoba.com	14.5KB		108ms	
0308236_jhatpot-deshi-paratha-family	200	images.othoba.com	27.8KB		109ms	
0051810_pran-full-cream-milk-powder	200	images.othoba.com	16.7KB		109ms	
0071404_pran-latina-orange-juice-100	200	images.othoba.com	16.2KB		110ms	
0073688_pran-tomatosauce-340gm_3	200	images.othoba.com	13.1KB		180ms	
0304205_harpic-lizol-combo-pack_30	200	images.othoba.com	27.8KB		110ms	
0304170_mamy-poko-pants-m-52-pcs	200	images.othoba.com	23.8KB		111ms	
0302386_danish-full-cream-milk-pow	200	images.othoba.com	23.2KB		111ms	
0309231_premium-white-black-forest	200	images.othoba.com	23.6KB		112ms	
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0309226_white-forest-cake-1kg_300.j	200	images.othoba.com	33.7KE		649	ır s	
0310370_choco-vanilla-cake-1kg_300	200	images.othoba.com	41.3KE			Br s	
0309214_chocolate-cake-1kg_300.jpeg	200	images.othoba.com	22.7KE		183ms		
0310374_black-forest-cake-1kg_300.j	200	images.othoba.com	20.9KE		183ms		
0309211_vanilla-cake-1kg_300.jpeg	200	images.othoba.com	19.5KE		183ms		
0303633_mithai-dry-roshgolla-1kg_30	200	images.othoba.com	5.74KE		177ms		
0303661_mithai-dry-kalojam-1kg_300	200	images.othoba.com	7.01KE		177ms		
0303643_mithai-kacha-sondesh-1kg	200	images.othoba.com	8.49KE		178ms		
0303635_mithai-balushai-1kg_300.jpeg	200	images.othoba.com	11.9KE		178ms		
0303626_mithai-rush-kodom-1kg_300	200	images.othoba.com	6.79KE		176ms		
0303631_mithai-mihidana-laddu-1kg	200	images.othoba.com	9.23KE		178ms		
0303629_mithai-motichur-orange-lad	200	images.othoba.com	9.23KE		178ms		
0303637_mithai-hafshi-shondesh_300	200	images.othoba.com	12.7KE		177ms		
0303648_mithai-vogsagor-1-kg_300.j	200	images.othoba.com	6.60KE		176ms		
0303655_mithai-cream-jam-1kg_300.j	200	images.othoba.com	8.11KE		177ms		
0210439_dettol-antiseptic-liquid-brow	200	images.othoba.com	27.1KE		183ms		
0210459_dettol-antiseptic-liquid-brow	200	images.othoba.com	26.9KE		183ms		
0210451_dettol-antiseptic-liquid-brow	200	images.othoba.com	18.3KE		183ms		
0210468_dettol-antiseptic-liquid-brow	200	images.othoba.com	18.3KE		183ms		
0266098_dettol-handwash-cool-liquid	200	images.othoba.com	17.3KE		183ms		
0231009_dettol-handwash-pouch-coo	200	images.othoba.com	27.0KE		198ms		
0231017_dettol-handwash-pouch-re-e	200	images.othoba.com	57.1KE			843ms	
0233456_dettol-handwash-re-energiz	200	images.othoba.com	20.8KE		198ms		
0233486_dettol-handwash-re-energiz	200	images.othoba.com	26.5KE		200ms		
0058987_lifebuoy-care-handwash-liq	200	images.othoba.com	19.7KE		198ms		
0058981_lifebuoy-care-handwash-liq	200	images.othoba.com	13.7KE		183ms		
0058984_lifebuoy-total-handwash-liq	200	images.othoba.com	11.6KE		183ms		
0278276_vision-51-home-theater-fusi	200	images.othoba.com	10.5KE		183ms		
0285886_vision-evaporative-air-coole	200	images.othoba.com	8.36KE		183ms		
0252705_vigo-blender-vis-sbl-003-ss	200	images.othoba.com	14.5KE		197ms		
0252691_vision-blender-comfort-vis-s	200	images.othoba.com	14.5KE		197ms		
0210865_rfl-wardrobe-double-5d-kd-e	200	images.othoba.com	31.2KE		202ms		
0210881_rfl-wardrobe-double-5d-kd-d	200	images.othoba.com	33.0KE		202ms		
0201520_rfl-wardrobe-double-5d-k-do	200	images.othoba.com	32.6KE		202ms		
0105126_amass-closet-5-drawer-cam	200	images.othoba.com	16.7KE		200ms		
0278521_regal-dressing-table_300.jpeg	200	images.othoba.com	6.27KE		194ms		
0052032_laminated-board-dressing-ta	200	images.othoba.com	6.17KE		194ms		
0035062_dining-table_300.jpeg	200	images.othoba.com	7.86KE		196ms		
0049210_regal-wooden-bed-king-size	200	images.othoba.com	11.1KE		198ms		
0212128_rodo-smart-chair-sm-blue_3	200	images.othoba.com	6.98KE		198ms		
0084408_classroom-chair-modern-sm	200	images.othoba.com	12.7KE		199ms		
0062756_royal-rok-chair-red_300.jpeg	200	images.othoba.com	9.67KE		199ms		
0285429300.jpeg	200	images.othoba.com	16.1KE		201ms		
0285222300.jpeg	200	images.othoba.com	26.5KE		202ms		
0284931300.jpeg	200	images.othoba.com	34.8KE		204ms		
0283561300.jpeg	200	images.othoba.com	6.45KE		197ms		
0283090300.jpeg	200	images.othoba.com	22.8KE		200ms		
0281983300.jpeg	200	images.othoba.com	10.7KE		200ms		
0279319300.jpeg	200	images.othoba.com	24.9KE		203ms		
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0279146300.jpeg	200	images.othoba.com	14.8KB		200ms	
0276575300.jpeg	200	images.othoba.com	17.9KB		201ms	
0244666300.jpeg	200	images.othoba.com	9.67KB		200ms	
0197300300.jpeg	200	images.othoba.com	31.7KB		217ms	
0169731300.jpeg	200	images.othoba.com	16.8KB		201ms	
0161575300.jpeg	200	images.othoba.com	26.8KB		203ms	
0161532300.jpeg	200	images.othoba.com	32.0KB		216ms	
0158379300.jpeg	200	images.othoba.com	29.6KB		202ms	
0279731300.jpeg	200	images.othoba.com	20.1KB		200ms	
0279269_300.jpeg	200	images.othoba.com	34.1KB		217ms	
0278774300.jpeg	200	images.othoba.com	19.2KB		215ms	
0278314_300.jpeg	200	images.othoba.com	22.0KB		215ms	
0279307300.jpeg	200	images.othoba.com	18.9KB		215ms	

0285258300.jpeg	200	images.othoba.com	24.0KB		2	16ms			
0251096300.jpeg	200	images.othoba.com	23.9KB		. 2	15ms			
0251855300.jpeg	200	images.othoba.com	21.6KB		2	16ms			
0304962300.jpeg	200	images.othoba.com	20.8KB		2	221ms			
0278729300.jpeg	200	images.othoba.com	58.4KB				827ms		
0283779_300.jpeg	200	images.othoba.com	27.1KB	1 1	- 2	221ms	***		
0357600_smartphone.jpeg	200	images.othoba.com	76.4KB	īI	9	92ms			
0333538.jpeg	200	images.othoba.com	17.5KB		8	88ms			
0360054.jpeg	200	images.othoba.com	16.4KB		9	92ms			
0333539.jpeg	200	images.othoba.com	14.2KB		8	9ms			
0333548.jpeg	200	images.othoba.com	16.5KB		8	88ms			
0333549.jpeg	200	images.othoba.com	16.4KB			90ms			
0333550.jpeg	200	images.othoba.com	19.2KB		8	39ms			
0333551.jpeg	200	images.othoba.com	17.3KB		(91ms			
0333552.jpeg	200	images.othoba.com	16.5KB		8	36ms			
queue-screen-img.png	200	static.revechat.com	2.38KB			14m	is The second		
audio-call-avatar.png	200	static.revechat.com	4.62KB			17n	ns		
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instantsearch.min.css	200	cdn.jsdelivr.net	0				1ms		
favicon.ico	200	othoba.com	2.17KB				196	6ms	
revechat.ttf?1hp4ma	200	static.revechat.com	26.7KB				37	7ms	
tr?id=336551680604150&ev=Microdat	302	facebook.com	0					18ms	
?c=3640964387118259224&f=AYzvZjj8	200	cx.atdmt.com	572B					23	31ms





Performance Metrics

reflormance metrics			
First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	Much longer than recommended 1.6s	Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Longer than recommended 3.4s
Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended 4.7s	Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Much longer than recommended 487ms
Largest Contentful Paint How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.	Longer than recommended	Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	Much more than recommended 0.54

Browser Timings

Redirect	585ms	Connect	23ms	Backend	211ms
TTFB	819ms	First Paint	1.6s	DOM Int.	2.0s
DOM Loaded	2.1s	Onload	3.4s	Fully Loaded	4.1s



Structure Audits

IMPACT	AUDIT	
High	Avoid enormous network payloads	Total size was 5.74MB
Med-High	Avoid an excessive DOM size	4,261 elements
Med	Avoid large layout shifts	5 elements found
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 286KB
Med-Low	Use a Content Delivery Network (CDN)	20 resources found
Med-Low	Avoid document.write()	1 instance found
Med-Low	Avoid chaining critical requests	11 chains found
Med-Low	Avoid long main-thread tasks	8 long tasks found
Low	Use passive listeners to improve scrolling performance	1 event listener not passive
Low	Ensure text remains visible during webfont load	5 fonts found
Low	Eliminate render-blocking resources	Potential savings of 16ms
Low	Reduce JavaScript execution time	630ms spent executing JavaScript
Low	Reduce unused JavaScript	Potential savings of 273KB
Low	Enable text compression	Potential savings of 153KB
Low	Properly size images	Potential savings of 1.44MB
Low	Avoid multiple page redirects	Potential savings of 584ms
Low	Efficiently encode images	Potential savings of 132KB
Low	Reduce unused CSS	Potential savings of 110KB
Low	Serve images in next-gen formats	Potential savings of 182KB
Low	Reduce initial server response time	Root document took 210ms
Low	Avoid serving legacy JavaScript to modern browsers	Potential savings of 44.1KB
Low	Defer offscreen images	Potential savings of 1.35MB
Low	Avoid non-composited animations	169 animated elements found

Low	Minify JavaScript	Potential savings of 4.15KB
N/A	Largest Contentful Paint element	1 element found
N/A	Minimize main-thread work	Main-thread busy for 2.5s
N/A	Reduce the impact of third-party code	Total size was 387KB
N/A	User Timing marks and measures	

Performance testing comparison between Rokomari.com and Othoba.com

Compare Reports



+ Add Another URL



http://www.rokomari.com/ Wed, Oct 27, 2021 2:54 AM -0700 Vancouver, Canada Chrome (Desktop) 90.0.4430.212



https://othoba.com/ Wed, Oct 27, 2021 2:55 AM -0700 Vancouver, Canada Chrome (Desktop) 90.0.4430.212

GTmetrix Grade Performance Score Structure Score Largest Contentful Paint Total Blocking time Cumulative Layout Shift

F 30% 41% 12.1s 293ms 0.44

F +14% 37% +7% 71% +30% 2.3s -9.8s 487ms +194ms 0.54 +0.1

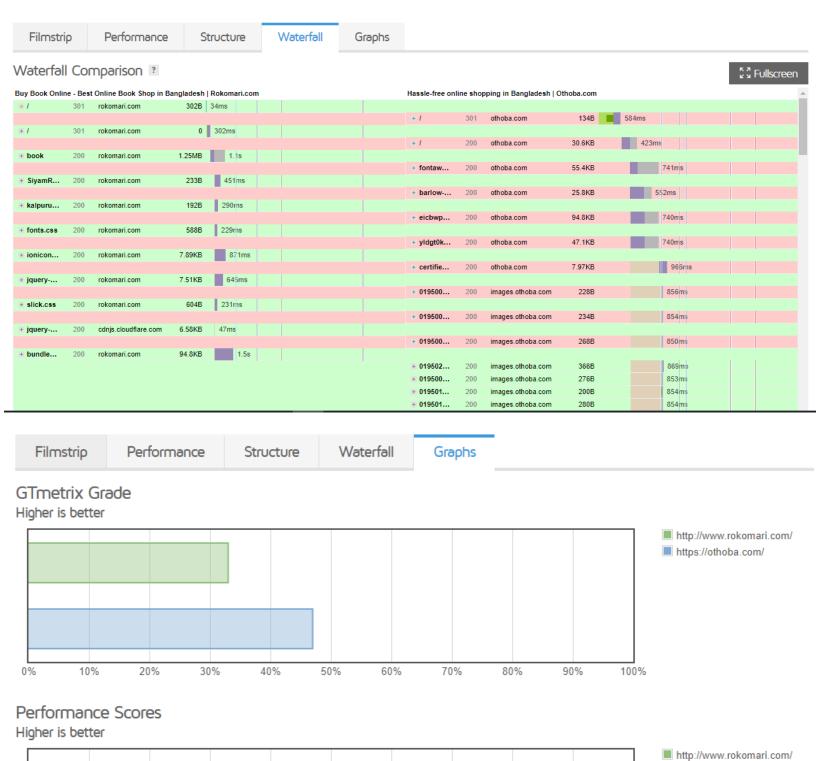
Filmstrip	Performance	Structure	Waterfall	Graphs					
Speed Visuali	zation ?								
1.2s	2.4s	3.6s	4.9s	6.1s	7.3s	8.5s	9.7s	10.9s	12.1s
http://www.rokomari.com/		Company or and the second	0000	0000	0000	0000	0000	0000	0000
1.2s	2.4s	3.6s							
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Avoid an excessive DOM size	(57)	(56)
Avoid chaining critical requests	(82)	(82)
Avoid CSS @import	(100)	(100)
Avoid document.write()	(82)	(82)
Avoid enormous network payloads	(30)	(37)
Avoid large layout shifts	(72)	(68)
Avoid long main-thread tasks	(89)	(87)
Avoid multiple page redirects	(89)	(100)
Avoid non-composited animations	(100)	(100)
Avoid serving legacy JavaScript to modern browsers	(100)	(100)
Combine images using CSS sprites	(100)	(100)
Defer offscreen images	(86)	(100)
Efficiently encode images	(51)	(100)
Eliminate render-blocking resources	(94)	(99)
Enable Keep-Alive	(100)	(100)
Enable text compression	(95)	(100)

(90)

Ensure text remains visible during webfont load



0%

10%

20%

30%

40%

50%

60%

70%

80%

90%

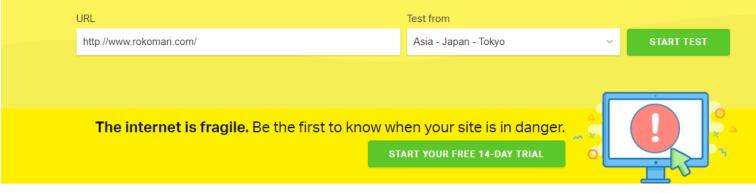
100%

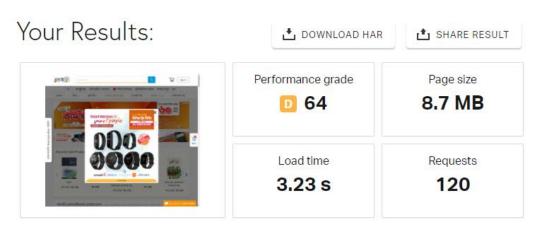
https://othoba.com/

Performance Report for https://www.othoba.com/ (using Pingdom)

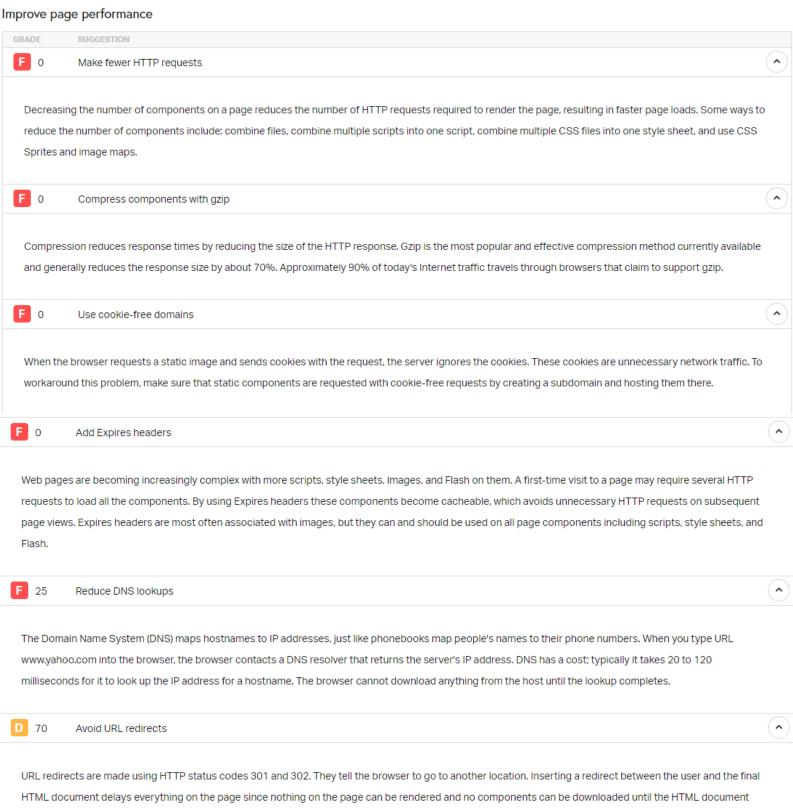
Pingdom Website Speed Test

Enter a URL to test the page load time, analyze it, and find bottlenecks.





arrives.



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You may expect a browser to do nothing when it encounters an empty image src. However, it is not the case in most browsers. IE makes a request to the directory in which the page is located; Safari, Chrome, Firefox 3 and earlier make a request to the actual page itself. This behavior could possibly corrupt user data, waste server computing cycles generating a page that will never be viewed, and in the worst case, cripple your servers by sending a large amount of unexpected traffic.

Response codes

RESPONSE CODE	RESPONSES
200 OK	116
206 Partial Content	1
301 Moved Permanently	2
302 Found	1

Content size by content type

CONTENT TYPE		PE

CONTENT TYPE	PERCENT	SIZE
	73.67%	6.4 MB
Aa Font	8.61%	750.9 KB
Js Script	8.28%	721.9 KB
▶ XHR	5.49%	478.1 KB
	2.40%	209.5 KB
{} css	1.45%	126.3 KB
▶ other	0.09%	8.1 KB
Total	100.00%	8.7 MB

Content size by domain

CONTENT TYPE	PERCENT	SIZE
ds.rokomari.store	61.30%	5.3 MB
www.rokomari.com	25.87%	2.2 MB
static.revechat.com	6.06%	524.9 KB
s3-ap-southeast-1.amazonaws.c	2.30%	199.2 KB
connect.facebook.net	1.34%	116.2 KB
ajax.googleapis.com	1.06%	91.9 KB
other	2.06%	178.4 KB
Total	100.00%	8.7 MB

Requests by content type

CONTENT TYPE	PERCENT	REQUESTS
■ Image	57.14%	68
Js Script	20.17%	24
▶ XHR	6.72%	8
{} css	6.72%	8
A Font	5.04%	6
□ Redirect	2.52%	3
▶ other	1.68%	2
Total	100.00%	119

Requests by domain

CONTENT TYPE PERCENT	REQUESTS 69
	69
www.rokomari.com 57.50%	
ds.rokomari.store 11.67%	14
static.revechat.com 5.83%	7
www.google-analytics.com 3.33%	4
ajax.googleapis.com 2.50%	3
www.google.com 2.50%	3
other 16.67%	20
Total 100.00%	120

File requests

