|  |  |  |
| --- | --- | --- |
| *Website connection time to* | | |
| Trials | **Post Reservation**  **(177 Bytes)** | **Get Reservation**  **(177 Bytes)** |
| 1 | 0.411 s | 0.490 s |
| 2 | 0.420 s | 0.445 s |
| 3 | 0.451 s | 0.480 s |
| 4 | 0.423 s | 0.482 s |
| 5 | 0.416 s | 0.522 s |
| Average | **0.4242 s** | **0.4838 s** |

|  |  |  |  |
| --- | --- | --- | --- |
| *Website connection time to* | | |  |
| Trials | **Post Currently Looking**  **( Bytes)** | **Get Currently Looking**  **(Bytes)** | **Delete Currently Looking**  **( Bytes)** |
| 1 | 0.262 s | 0.335 s | 0.253 s |
| 2 | 0.259 s | 0.311 s | 0.281 s |
| 3 | 0.201 s | 0.360 s | 0.331 s |
| 4 | 0.312 s | 0.420 s | 0.217 s |
| 5 | 0.245 s | 0.385 s | 0.290 s |
| Average | **0.2558 s** | **0.3622 s** | **0.2744 s** |

|  |  |  |
| --- | --- | --- |
| *Website connection time to* | | |
| Trials | **Post User**  **(177 Bytes)** | **Get User**  **(177 Bytes)** |
| 1 | 0.289 s | 0.244 s |
| 2 | 0.309 s | 0.273 s |
| 3 | 0.256 s | 0.246 s |
| 4 | 0.288 s | 0.263 s |
| 5 | 0.314 s | 0.248 s |
| Average | **0.2912 s** | **0.2548 s** |

|  |  |  |
| --- | --- | --- |
| *Application connection time to* | | |
| Trials | **Post Zone**  **(177 Bytes)** | **Get All Zones**  **(177 Bytes)** |
| 1 | 0.362 s | 0.322 s |
| 2 | 0.366 s | 0.316 |
| 3 | 0.356 s | 0.352 |
| 4 | 0.374 s | 0.412 |
| 5 | 0.412 s | 0.298 |
|  | 0.391 s | 0.354 |
| Average | **0. 4522 s** | **0.4108 s** |

|  |  |  |
| --- | --- | --- |
| *Application connection time to* | | |
| Trials | **Post Spot**  **(177 Bytes)** | **Get All Spots**  **(177 Bytes)** |
| 1 | 0.383 s | 0.370 s |
| 2 | 0.370 s | 0.386 s |
| 3 | 0.313 s | 0.406 s |
| 4 | 0.410 s | 0.360 s |
| 5 | 0.436 s | 0.323 s |
| Average | **0.3824 s** | **0.3690 s** |

|  |  |  |
| --- | --- | --- |
| *Website Average Connection Time to* | | |
|  | **Post** | **Get** |
| Reservation (177 bytes) | 0.4242 s | 0.4838 s |
| Currently Looking (52 bytes) | 0.2558 s | 0.3622 s |
| User (113 bytes) | 0.2912 s | 0.2548 s |
| Zone (8606 bytes) | 0.4522 s | 0.4108 s |
| Spot (49 bytes) | 0.3824 s | 0.3690 s |

To test internet connection to and from the website and Firebase in several data sizes.



Method of measuring time:

Using Postman as a testing tool, by firstly creating new routes for reading/writing without displaying pages content and applying GET/POST requests using Postman as it automatically calculates the time it took for the response to arrive.

**Post reservation**



**Read reservation**



**Add current looking**



**Get current looking**

**A close up of a logo

Description generated with high confidence**

**Delete current looking**



**Post user:**



**Get user**



**Post zone**

A close up of a logo

Description generated with very high confidence

**Get All zones**

****

**Get spots**



**Post spot**

