

Freshworks Backend – Assignment Test Cases

TC No	Test Case	TC Type	Expected	Actual	Test Result
1	Access DataStore by Threaded Process with more than 1 Thread	Positive Scenario	Access should be allowed with locks	Access allowed in Thread-Safe mode	Success
2	DataStore Creation with Valid FilePath	Positive Scenario	DS should be created	DS Created	Success
3	DataStore Creation without FilePath	Positive Scenario	DS should be created	DS Created	Success
4	Create record with Key Size less than 32 Chars	Positive Scenario	Record should be created	Record created	Success
5	Create record with without TTL	Positive Scenario	Record should be created	Record created	Success
6	Delete Valid Record	Positive Scenario	Record should be deleted	Record Deleted	Success
7	Read Valid Record	Positive Scenario	Record should be Read	Record Read	Success
8	Access DataStore by Second Client Process	Negative Scenario	Access should be prevented	Access Prevented	Success
9	DataStore Creation with In-Valid FilePath	Negative Scenario	DS should not be created	DS is not created	Success
10	Create record with Key Size more than 32 Chars	Negative Scenario	Record should not be created	Record not created	Success
11	Create record with existing key	Negative Scenario	Record should not be created	Record not created	Success
12	Create record with Invalid JSON	Negative Scenario	Record should not be created	Record not created	Success
13	Create record with Invalid TTL	Negative Scenario	Record should not be created	Record not created	Success
14	Create record with JSON object more than 16 KB	Negative Scenario	Record should not be created	Record not created	Success
15	Delete In-Valid Record	Negative Scenario	Record should not be deleted	Record Not Deleted	Success
16	Delete record with expired TTL	Negative Scenario	Record should not be deleted	Record Not Deleted	Success
17	Read In-Valid Record	Negative Scenario	Record should not be Read	Record not Read	Success
18	Read record with expired TTL	Negative Scenario	Record should not be Read	Record not Read	Success
19	To create record with more than 1 GB of File	Negative Scenario	Record should not be created	Not Tested -Program Logic Available	Not Tested