**Performance Report :**

The performance report summarizes the performance (execution speed) of the test application based on the build results. The performance report module is present Test Automation Framework (eHR\library\generic\performance\_report.rb). For each build, the execution details will be created as a JSON report file that holds the duration taken by each step to execute. The data required for performance report are extracted from the JSON report file by the performance report module after each build and the extracted data are saved into Sybase DB (which is present in 172.27.101.114 VM).

The DB (PerformanceReport.db) holds various relations mapped together based on some constraints (for query purpose). The relations are as follows:

\* **HostData** - holds execution machine details

\* **BuildData** - holds the build details

\* **TestFeature** - holds the feature names

\* **TestFeatureResult** - holds the results of execution of features for each build

\* **TestScenario** - holds the scenario names for each feature

\* **TestScenarioResult** - holds the results of execution of scenarios for each feature

\* **TestStep** - holds the step names for each scenario

\* **TestStepResult** - holds the results of execution of each step

There is flag 'performance\_report' that decides whether or not to add the build data into Sybase DB. The objective of this report is to compare the performance in terms of execution speed of each build and also it can be compared at Feature level, Scenario level and Step level.