TestSuite

Id – varchar , unique, notnull

Name - varchar, notnull

Description - varchar, notnull

CreationDateTime - datetime, notnull

CreatedBy - varchar, FK, notnull

TestCase

Id – varchar , unique, notnull

TestSuiteId - FK, varchar, notnull

Name - varchar, notnull

Description - varchar, notnull

Prerequisite - varchar, notnull

CreationDate - datetime, notnull

CreatedBy - varchar, FK, notnull

ExecutionEnvironment - varchar

TestStep

Id – varchar , unique, notnull

TestCaseId - FK, varchar, notnull

Description – varchar , notnull

CreationDate - datetime, notnull

CreatedBy – varchar, FK, notnull

IsNegative – Boolean, notnull

ExpectedResult – varchar , notnull

TestData – varchar , notnull

TestExecutionDetails

Id – varchar , unique, notnull

ExecutionDate – varchar , notnull

ExecutionTime – datetime , notnull

TestStepId – varchar , FK , notnull

Status (Pass, Fail, Aborted) – varchar , unique, notnull

ExecutedBy – varchar , FK, notnull

USERS

Id – varchar , unique, notnull

Name – varchar , notnull

Role – varchar , notnull

Since – datetime, notnull