

**3.13 Table Specification:-****Table Name:**UserTypeMaster

Field Name	Data Type	Field Size	Constraint
UserTypeId	Integer	5	Primary key
UserType	Varchar	20	Not Null
Description	Varchar	1000	Not Null
LastUpdated	Varchar	200	Not Null

**Table Name:**TestTypeMaster

Field Name	Data Type	Field Size	Constraint
TestTypeId	Integer	2	Primary key
TestType	Varchar	20	Not Null
Description	Varchar	1000	Not Null
LastUpdated	Varchar	200	Not Null

**Table Name:**TestResultMaster

Field Name	Data Type	Field Size	Constraint
ResultId	Integer	2	Primary key
Type	Varchar	20	Not Null
Description	Varchar	1000	Not Null
LastUpdated	Varchar	200	Not Null

**Table Name:**UserDetails

Field Name	Data Type	Field Size	Constraint
UserId	Integer	10	Primary Key
UserTypeid	Integer	2	Foreign Key(UserTypeMaster)
UserName	Varchar	30	Not Null
ContactNumber	Varchar	15	Not Null
Address	Varchar	30	-
Email	Varchar	20	Not Null
UserId	Integer	10	Foreign Key(UserDetails)
LastUpdated	Varchar	200	Not Null

**Table Name:** LoginDetails

Field Name	Data Type	Field Size	Constraint
UserId	Integer	10	Foreign Key(UserDetails)
LoginName	Varchar	20	Not Null
Password	Varchar	20	Not Null

**Table Name:**ProjectDetails

Field Name	Data Type	Field Size	Constraint
ProjectId	Integer	10	Primary Key
ProjectName	Varchar	30	Not Null
UserId	Integer	10	Foreign Key(UserDetails)
Description	Varchar	200	Not Null
ProjectStartDate	Date	10	Not Null
ProjectEndDate	Date	10	Not Null

**Table Name:**ModuleDetails

Field Name	Data Type	Field Size	Constraint
ModuleId	Integer	10	Primary Key
ProjectId	Integer	10	Foreign Key (Project_Details)
ModuleName	Varchar	20	Not Null
Description	Varchar	200	Not Null
DeveloperId	Integer	10	Foreign Key(UserDetails)

**Table Name:** ClientDetails

Field Name	Data Type	Field Size	Constraint
ClientId	Integer	10	Primary Key
ClientName	Varchar	30	Not Null
Address	Varchar	50	-
ContactNumber	Varchar	15	Not Null
ClientEmail	Varchar	20	Not Null
Website	Varchar	20	-
ProjectId	Integer	10	Foreign Key(ProjectDetails)

**Table Name:** ClientQuery

Field Name	Data Type	Field Size	Constraint
QueryId	Integer	10	Primary Key
ClientId	Integer	10	Foreign Key (ClientDetails)
ProjectId	Integer	10	Foreign Key (ProjectDetails)
ModuleId	Integer	10	Foreign Key(ModuleDetails)
Description	Varchar	1000	Not Null
ActualResult	Varchar	1000	Not Null
ExpectedResult	Varchar	1000	Not Null

## Testing and Bug Tracking System

QueryDate	Date	10	Not Null
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**Table Name:** Permissions

Field Name	Data Type	Field Size	Constraint
UserId	Integer	10	Foreign Key
Design	Varchar	3	Default 'No'
Execute	Varchar	3	Default 'No'

**Table Name:** ModuleExecutionDetails

Field Name	Data Type	Field Size	Constraint
ProjectId	Integer	10	Foreign Key (ProjectDetails)
ModuleId	Integer	10	Foreign Key (ModuleDetails)
UserId	Integer	10	Foreign Key(UserDetails)
StartDate	Date	10	Not Null
EndDate	Date	10	Not Null

**Table Name:** ModuleDesignDetails

Field Name	Data Type	Field Size	Constraint
ProjectId	Integer	10	Foreign Key (ProjectDetails)
ModuleId	Integer	10	Foreign Key (ModuleDetails)
UserId	Integer	10	Foreign Key(UserDetails)
StartDate	Date	10	Not Null
EndDate	Date	10	Not Null

**Table Name:** BugDetails

Field Name	Data Type	Field Size	Constraint
BugId	Integer	10	Primary Key
ProjectId	Integer	10	Foreign Key(ProjectDetails)
Module_ID	Integer	10	Foreign Key (ModuleDetails)
BugState	Varchar	10	Not Null
Date	Date	10	Not Null
Status	Varchar	10	Not Null
Description	Varchar	200	Not Null
TestSteps	Varchar	200	Not Null

ActualOutput	Varchar	200	Not Null
ExpectedOutput	Varchar	200	Not Null
UserId	Integer	10	Foreign Key(UserDetails)
UpdatedBy	Varchar	30	Not Null
Comments	Varchar	1000	-

**Table Name:**FrameDetails

Field Name	Data Type	Field Size	Constraint
FrameId	Integer	10	Primary Key
FrameName	Varchar	30	Not Null
Description	Varchar	200	Not Null
UpdatedBy	Varchar	200	Not Null

**Table Name** CommonTestcaseDetails

Field Name	Data Type	Field Size	Constraint
CTestcaseId	Integer	10	Primary Key
FrameId	Integer	10	Foreign Key (FrameDetails)
Type	Varchar	30	Not Null
Title	Varchar	30	Not Null
TestSteps	Varchar	200	Not Null

ExpectedOutput	Varchar	200	Not Null
UpdatedBy	Varchar	200	Not Null

**Table Name:** CommonTestcaseResults

Field Name	Data Type	Field Size	Constraint
CTestcaseId	Integer	10	Foreign Key (CommonTestcase Details)
ProjectId	Integer	10	Foreign Key (ProjectDetails)
ModuleId	Integer	10	Foreign Key(ModuleDetails )
FrameId	Integer	10	Foreign Key(Frame Details)
UserId	Integer	10	Foreign Key(User Details)
CTestcaseResult	Varchar	10	Not Null

**Table Name:** TestcaseDetails

Field Name	Data Type	Field Size	Constraint
TestcaseId	Integer	10	Primary Key
Title	Varchar	30	Not Null
TestSteps	Varchar	200	Not Null



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ExpectedOutput	Varchar	200	Not Null
Executed By	Varchar	30	-
Result	Varchar	15	Not Null