

User Table		
UId	LONG	PK
Username	STRING	
Password	STRING	
PasswordHint	STRING	
Email	STRING	
Forename	STRING	
Surname	STRING	

Duplicate Table		
DUId	LONG	PK
DDId	LONG	FK
Indexes		
FIXME: how to identify duplicates		

Project Table		
PId	LONG	PK
UId	LONG	FK
Privacy	BOOLEAN	
ProjectName	STRING	
ProjectNotes	STRING	

Tags Table		
TId	LONG	PK
PId	LONG	FK
Tag	STRING	

Data Definition Table		
DDId	LONG	PK
NTId	LONG	FK
DDName	STRING	
DDUnit	STRING	
DDMaxValue	STRING	
DDMinValue	STRING	
DDNullsAllowed	BOOLEAN	
DDZeroStringsAllowed	BOOLEAN	
DDNotes	STRING	
DDType	STRING (RESTRICTED BY ENUM)	
VariablePositionId	INT	

Node Type Table		
NTId	LONG	PK
PId	LONG	FK
NTName	STRING	
NTCreationDate	DATE	

Node Table		
NId	LONG	PK
NTId	LONG	FK
NVId	LONG	FK
NTIdentifier	STRING	

Node Variable Table		
NVId	LONG	PK
NId	LONG	FK
NTId	LONG	FK
NVName	STRING	
NVDate	STRING	
NVValue	STRING	
NVIsCalibration	BOOLEAN	

Data Table		
DId	LONG	PK
NId	LONG	FK
DVariable	STRING	
DTimeStamp		
VariablePositionId	INT	