

User Table

🔑 UserId LONG PK
Username STRING
UserPassword STRING
UserPasswordHint STRING
UserEmail STRING
UserForename STRING
UserSurname STRING

MasterRecord Table

🔑 RecordId LONG PK
🔑 UserId LONG FK
RecordPrivate BOOLEAN
RecordName STRING
RecordCreateDate DATE
RecordGPSLat FLOAT
RecordGPSLong FLOAT
RecordNotes STRING
RecordTags STRING
RecordType STRING

Data Table

🔑 DataId LONG PK
🔑 RecordId LONG FK
🔑 FieldId LONG FK
DateStamp DATETIME
DataValue STRING

Field Table

🔑 FieldId LONG PK
🔑 RecordId LONG FK
FieldType STRING
FieldUnit STRING
FieldMaxLimit INT
FieldMinLimit INT
FieldNullsAllowed BOOLEAN
FieldZeroStringAllowed BOOLEAN
FieldNotes STRING

