## Role: VARCHAR NOT NULL Email: VARCHAR NOT NULL SEIR RESULTS ResultID: INTEGER NOT NULL [ PK ] SimulationID: INTEGER NOT NULL [ FK ] Result Suceptible: INTEGER NOT NULL Result\_Exposed: INTEGER NOT NULL Result\_Infected: INTEGER NOT NULL Result Recovered: INTEGER NOT NULL Date\_Simulation: DATE NOT NULL UserID: INTEGER NOT NULL [FK] SEIR PARAMETERS ResultID: INTEGER NOT NULL [ PK ] SimulationID: INTEGER NOT NULL [ FK ] **SIMULATIONS** Beta: FLOAT NOT NULL SimulationID: INTEGER NOT NULL [ PK ] Sigma: FLOAT NOT NULL Gamma: FLOAT NOT NULL EpidemicID: INTEGER NOT NULL [ FK ] Suceptible: INTEGER NOT NULL Exposed: INTEGER NOT NULL Infected: INTEGER NOT NULL **EPIDEMICS** Recovered: INTEGER NOT NULL DateSimulation: DATE NOT NULL EpidemicID: INTEGER NOT NULL [ PK ] TimeFinal: INTEGER NOT NULL LocationID: INTEGER NOT NULL [ FK ] NameEpidemic: VARCHAR NOT NULL StartDate: DATE NOT NULL EndDate: DATE NOT NULL Description: VARCHAR NOT NULL LOCATION LocationID: INTEGER NOT NULL [ PK ] Latitude: FLOAT NOT NULL LocationName: VARCHAR NOT NULL

USER\_DATA

UserID: INTEGER NOT NULL [ PK ]

Longitude: FLOAT NOT NULL