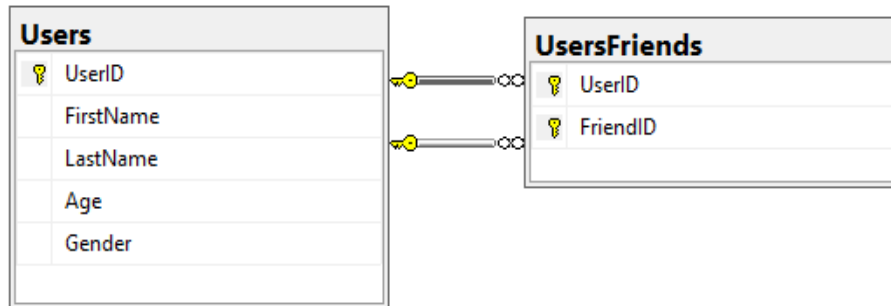# Technical Documentation

FullDatabaseSolution.sql - fully functional solution explanation

    1) Database diagram

    2) Stored procedures, userId is id number from data.json:

        exec uspGetDirectFriends (userId); -- get direct friends

        exec uspGetFriendsOfFriends (userId); -- get friends of friends

        exec uspGetSuggestedFriends (userId); -- get suggested friends

Create solution from the scratch – Use MS SQL 2017 version

    1) Run CreateSocialNetworkDatabase.sql

    2) Run ImportDataFromJSON.sql to import data from data.json to the database.

    3) Run FriendsTaskStoredProcedures.sql script to add Stored Procedures:

        uspGetDirectFriends

        uspGetFriendsOfFriends

        uspGetSuggestedFriends